Kia V44.03 Diagnostics List
(Note:For reference only)

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model	year	area	system	function	subfunction
Avella(FV)	2000	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Avella(FV)	2000	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Avella(FV)	2000	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Avella(FV)	2000	General Area	ECM(Engine Control Module)	Read Fault Code	
Avella(FV)	2000	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Avella(FV)	2000	General Area	ECM(Engine Control Module)	Read Data Stream	
Avella(FV)	2000	General Area	TCM(Transmission Control Module)	Read Fault Code	
Avella(FV)	2000	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Avella(FV)	1999	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Avella(FV)	1999	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Avella(FV)	1999	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Avella(FV)	1999	General Area	ECM(Engine Control Module)	Read Fault Code	
Avella(FV)	1999	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Avella(FV)	1999	General Area	ECM(Engine Control Module)	Read Data Stream	
Avella(FV)	1999	General Area	TCM(Transmission Control Module)	Read Fault Code	
Avella(FV)	1999	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Avella(FV)	1998	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Avella(FV)	1998	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Avella(FV)	1998	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Avella(FV)	1998	General Area	ECM(Engine Control Module)	Read Fault Code	
Avella(FV)	1998	General Area	ECM(Engine Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Avella(FV)	1998	General Area	ECM(Engine Control Module)	Read Data Stream	
Avella(FV)	1998	General Area	TCM(Transmission Control Module)	Read Fault Code	
Avella(FV)	1998	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Avella(FV)	1997	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Avella(FV)	1997	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Avella(FV)	1997	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Avella(FV)	1997	General Area	ECM(Engine Control Module)	Read Fault Code	
Avella(FV)	1997	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Avella(FV)	1997	General Area	ECM(Engine Control Module)	Read Data Stream	
Avella(FV)	1997	General Area	TCM(Transmission Control Module)	Read Fault Code	
Avella(FV)	1997	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Avella(FV)	1996	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Avella(FV)	1996	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Avella(FV)	1996	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Avella(FV)	1996	General Area	ECM(Engine Control Module)	Read Fault Code	
Avella(FV)	1996	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Avella(FV)	1996	General Area	ECM(Engine Control Module)	Read Data Stream	
Avella(FV)	1996	General Area	TCM(Transmission Control Module)	Read Fault Code	
Avella(FV)	1996	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Avella(FV)	1995	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Avella(FV)	1995	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Avella(FV)	1995	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Avella(FV)	1995	General Area	ECM(Engine Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Avella(FV)	1995	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Avella(FV)	1995	General Area	ECM(Engine Control Module)	Read Data Stream	
Avella(FV)	1995	General Area	TCM(Transmission Control Module)	Read Fault Code	
Avella(FV)	1995	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Avella(FV)	1994	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Avella(FV)	1994	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Avella(FV)	1994	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Avella(FV)	1994	General Area	ECM(Engine Control Module)	Read Fault Code	
Avella(FV)	1994	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Avella(FV)	1994	General Area	ECM(Engine Control Module)	Read Data Stream	
Avella(FV)	1994	General Area	TCM(Transmission Control Module)	Read Fault Code	
Avella(FV)	1994	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Besta(TP)	2003	General Area	ECM(Engine Control Module)	Read Fault Code	
Besta(TP)	2003	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Besta(TP)	2003	General Area	ECM(Engine Control Module)	Read Data Stream	
Besta(TP)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Governor
Besta(TP)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Timer Control Valve
Besta(TP)	2002	General Area	ECM(Engine Control Module)	Read Fault Code	
Besta(TP)	2002	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Besta(TP)	2002	General Area	ECM(Engine Control Module)	Read Data Stream	
Besta(TP)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Governor
Besta(TP)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Timer Control Valve
Besta(TP)	2002	General Area	TCM(Transmission Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Besta(TP)	2002	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Besta(TP)	2002	General Area	TCM(Transmission Control Module)	Read Data Stream	
Besta(TP)	2001	General Area	ECM(Engine Control Module)	Read Fault Code	
Besta(TP)	2001	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Besta(TP)	2001	General Area	ECM(Engine Control Module)	Read Data Stream	
Besta(TP)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Governor
Besta(TP)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Timer Control Valve
Besta(TP)	2001	General Area	TCM(Transmission Control Module)	Read Fault Code	
Besta(TP)	2001	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Besta(TP)	2001	General Area	TCM(Transmission Control Module)	Read Data Stream	
Besta(TP)	2000	General Area	ECM(Engine Control Module)	Read Fault Code	
Besta(TP)	2000	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Besta(TP)	2000	General Area	ECM(Engine Control Module)	Read Data Stream	
Besta(TP)	2000	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Governor
Besta(TP)	2000	General Area	ECM(Engine Control Module)	Actuation Test	Timer Control Valve
Besta(TP)	2000	General Area	TCM(Transmission Control Module)	Read Fault Code	
Besta(TP)	2000	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Besta(TP)	2000	General Area	TCM(Transmission Control Module)	Read Data Stream	
Besta(TP)	1999	General Area	ECM(Engine Control Module)	Read Fault Code	
Besta(TP)	1999	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Besta(TP)	1999	General Area	ECM(Engine Control Module)	Read Data Stream	
Besta(TP)	1999	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Governor
Besta(TP)	1999	General Area	ECM(Engine Control Module)	Actuation Test	Timer Control Valve

model	year	area	system	function	subfunction
Besta(TP)	1999	General Area	TCM(Transmission Control Module)	Read Fault Code	
Besta(TP)	1999	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Besta(TP)	1999	General Area	TCM(Transmission Control Module)	Read Data Stream	
Besta(TP)	1998	General Area	ECM(Engine Control Module)	Read Fault Code	
Besta(TP)	1998	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Besta(TP)	1998	General Area	ECM(Engine Control Module)	Read Data Stream	
Besta(TP)	1998	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Governor
Besta(TP)	1998	General Area	ECM(Engine Control Module)	Actuation Test	Timer Control Valve
Besta(TP)	1998	General Area	TCM(Transmission Control Module)	Read Fault Code	
Besta(TP)	1998	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Besta(TP)	1998	General Area	TCM(Transmission Control Module)	Read Data Stream	
Besta(TP)	1997	General Area	ECM(Engine Control Module)	Read Fault Code	
Besta(TP)	1997	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Besta(TP)	1997	General Area	ECM(Engine Control Module)	Read Data Stream	
Besta(TP)	1997	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Governor
Besta(TP)	1997	General Area	ECM(Engine Control Module)	Actuation Test	Timer Control Valve
Besta(TP)	1997	General Area	TCM(Transmission Control Module)	Read Fault Code	
Besta(TP)	1997	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Besta(TP)	1997	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cadenza(VG)	2016	General Area	ABS(Anti-Lock Brake System)	Version Information	
Cadenza(VG)	2016	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Cadenza(VG)	2016	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Cadenza(VG)	2016	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	

model	year	area	system	function	subfunction
Cadenza(VG)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Cadenza(VG)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Cadenza(VG)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Warning Lamp
Cadenza(VG)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Status Lamp
Cadenza(VG)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Cadenza(VG)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Cadenza(VG)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Cadenza(VG)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Cadenza(VG)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Cadenza(VG)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Cadenza(VG)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Cadenza(VG)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Cadenza(VG)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Cadenza(VG)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Cadenza(VG)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Cadenza(VG)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
Cadenza(VG)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
Cadenza(VG)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Cadenza(VG)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Cadenza(VG)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Cadenza(VG)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Cadenza(VG)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	EPB Variant Coding

model	year	area	system	function	subfunction
Cadenza(VG)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	PAD Change Mode
Cadenza(VG)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Cadenza(VG)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Cadenza(VG)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	SAS Calibration(CAN-ESP Only)
Cadenza(VG)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Cadenza(VG)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Cadenza(VG)	2016	General Area	AC(Air Conditioning)	Version	
Cadenza(VG)	2016	General Area	AC(Air Conditioning)	Read Fault Code	
Cadenza(VG)	2016	General Area	AC(Air Conditioning)	Clear Fault	
Cadenza(VG)	2016	General Area	AC(Air Conditioning)	Read Data	
Cadenza(VG)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Cadenza(VG)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Cadenza(VG)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Cadenza(VG)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Cadenza(VG)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Cadenza(VG)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Cadenza(VG)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Cadenza(VG)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Cadenza(VG)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Cadenza(VG)	2016	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Cadenza(VG)	2016	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Cadenza(VG)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off

model	year	area	system	function	subfunction
Cadenza(VG)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-1Step
Cadenza(VG)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-2Step
Cadenza(VG)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-3Step
Cadenza(VG)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-4Step
Cadenza(VG)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-5Step
Cadenza(VG)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-6Step
Cadenza(VG)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-7Step
Cadenza(VG)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-8Step
Cadenza(VG)	2016	General Area	AC(Air Conditioning)	Actuation Test	E-Comp-On
Cadenza(VG)	2016	General Area	AC(Air Conditioning)	Actuation Test	E-Comp-Off
Cadenza(VG)	2016	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Cadenza(VG)	2016	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Close
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Version Information	
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Read Fault Code	
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Clear Fault Memory	
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Read Data Stream	
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window Up
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Highest Position
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Lowest Position

model	year	area	system	function	subfunction
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Left Position
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Right Position
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Fold
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Unfold
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Puddle Lamp
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window Up
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Highest Position
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Lowest Position
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Left Position
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Right Position
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Fold
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Unfold

model	year	area	system	function	subfunction
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Drive Side Door Unlock
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Drive Side Puddle Lamp
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central door lock
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central door unlock
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Right Motor On
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Left Motor On
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Trunk Release Relay
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window Power
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Down Relay
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window RH UP Relay
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window RH Down Relay
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay

model	year	area	system	function	subfunction
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid(Automatic Transmission)
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR

model	year	area	system	function	subfunction
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move STEERING COLUMN to the highest position(TILT)
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move STEERING COLUMN to the lowest position(TILT)
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move STEERING COLUMN at the shortest position(TELE)
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move STEERING COLUMN at the longest position(TELE)
Cadenza(VG)	2016	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting
Cadenza(VG)	2016	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Cadenza(VG)	2016	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Version Information	
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Read Fault Code	
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Read Data Stream	
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)

model	year	area	system	function	subfunction
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-High
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-Low
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7

model	year	area	system	function	subfunction
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	TEC Learn
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VCM Type VIS 2
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 1
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 2
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 3
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 4
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 5
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 6
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI High Pressure Offset
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting

model	year	area	system	function	subfunction
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Cadenza(VG)	2016	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Cadenza(VG)	2016	General Area	Head Lamp	Version	
Cadenza(VG)	2016	General Area	Head Lamp	Read Fault Code	
Cadenza(VG)	2016	General Area	Head Lamp	Clear Fault	
Cadenza(VG)	2016	General Area	Head Lamp	Read Data	
Cadenza(VG)	2016	General Area	Head Lamp	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Cadenza(VG)	2016	General Area	Head Lamp	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Cadenza(VG)	2016	General Area	Head Lamp	Actuation Test	DBL(Dynamic Bending Light)Max(LH)Position
Cadenza(VG)	2016	General Area	Head Lamp	Actuation Test	DBL(Dynamic Bending Light)Max(RH)Position
Cadenza(VG)	2016	General Area	Head Lamp	Actuation Test	HLL normal position
Cadenza(VG)	2016	General Area	Head Lamp	Special Function	Calibration
Cadenza(VG)	2016	General Area	Head Lamp	Special Function	Parameter Download
Cadenza(VG)	2016	General Area	Head Lamp	Special Function	Headlamp
Cadenza(VG)	2016	General Area	Head Lamp	Special Function	Parameter Setting&Zero position Initial
Cadenza(VG)	2016	General Area	IMMO(Immobilizer)	Read Data	
Cadenza(VG)	2016	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cadenza(VG)	2016	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cadenza(VG)	2016	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cadenza(VG)	2016	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Cadenza(VG)	2016	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cadenza(VG)	2016	General Area	LDWS(Lane Departure Warning System)	Version Information	
Cadenza(VG)	2016	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Cadenza(VG)	2016	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Cadenza(VG)	2016	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Cadenza(VG)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Activation Switch LED
Cadenza(VG)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Left
Cadenza(VG)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Right
Cadenza(VG)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	ALL LEDs
Cadenza(VG)	2016	General Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Reference Point Calibration
Cadenza(VG)	2016	General Area	LDWS(Lane Departure Warning System)	Special Function	BSD Radar Calibration
Cadenza(VG)	2016	General Area	LDWS(Lane Departure Warning System)	Special Function	BSD Variant Coding
Cadenza(VG)	2016	General Area	LDWS(Lane Departure Warning System)	Special Function	BSD Variant Code Reading
Cadenza(VG)	2016	General Area	SCC(Smart Cruise Control)	Version Information	
Cadenza(VG)	2016	General Area	SCC(Smart Cruise Control)	Read Fault Code	
Cadenza(VG)	2016	General Area	SCC(Smart Cruise Control)	Clear Fault Memory	
Cadenza(VG)	2016	General Area	SCC(Smart Cruise Control)	Read Data Stream	
Cadenza(VG)	2016	General Area	SCC(Smart Cruise Control)	Special Function	SCC Alignment(Calibration)
Cadenza(VG)	2016	General Area	Smart Key Unit	Version	
Cadenza(VG)	2016	General Area	Smart Key Unit	Read Fault Code	
Cadenza(VG)	2016	General Area	Smart Key Unit	Clear Fault	
Cadenza(VG)	2016	General Area	Smart Key Unit	Read Data	
Cadenza(VG)	2016	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Cadenza(VG)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Cadenza(VG)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Cadenza(VG)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED White
Cadenza(VG)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Cadenza(VG)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Cadenza(VG)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Cadenza(VG)	2016	General Area	Smart Key Unit	Actuation Test	ACC Relay
Cadenza(VG)	2016	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Cadenza(VG)	2016	General Area	Smart Key Unit	Actuation Test	IGN2 Relay

model	year	area	system	function	subfunction
Cadenza(VG)	2016	General Area	Smart Key Unit	Actuation Test	Starter Relay
Cadenza(VG)	2016	General Area	Smart Key Unit	Actuation Test	External Buzzer
Cadenza(VG)	2016	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Cadenza(VG)	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Cadenza(VG)	2016	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Cadenza(VG)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Cadenza(VG)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Cadenza(VG)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Cadenza(VG)	2016	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Cadenza(VG)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Cadenza(VG)	2016	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Cadenza(VG)	2016	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Cadenza(VG)	2016	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Cadenza(VG)	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Cadenza(VG)	2016	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Cadenza(VG)	2016	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Cadenza(VG)	2016	General Area	Smart Key Unit	Special Function	Neutralization Mode
Cadenza(VG)	2016	General Area	Smart Key Unit	Special Function	SMK Status Information
Cadenza(VG)	2016	General Area	Smart Key Unit	Special Function	ESCL Status Information
Cadenza(VG)	2016	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Cadenza(VG)	2016	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Cadenza(VG)	2016	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Cadenza(VG)	2016	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Cadenza(VG)	2016	General Area	Smart Key Unit	Special Function	Antenna Status Check
Cadenza(VG)	2016	General Area	SPAS(Smart Parking Assist System)	Version Information	
Cadenza(VG)	2016	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	

model	year	area	system	function	subfunction
Cadenza(VG)	2016	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Cadenza(VG)	2016	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Cadenza(VG)	2016	General Area	SPAS(Smart Parking Assist System)	Actuation Test	Speaker Activation
Cadenza(VG)	2016	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation
Cadenza(VG)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Cadenza(VG)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cadenza(VG)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cadenza(VG)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cadenza(VG)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Cadenza(VG)	2016	General Area	SVMS(Surround View Monitor System)	Version Information	
Cadenza(VG)	2016	General Area	SVMS(Surround View Monitor System)	Read Fault Code	
Cadenza(VG)	2016	General Area	SVMS(Surround View Monitor System)	Clear Fault Memory	
Cadenza(VG)	2016	General Area	SVMS(Surround View Monitor System)	Read Data Stream	
Cadenza(VG)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-SVM View
Cadenza(VG)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-SVM View
Cadenza(VG)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Left View
Cadenza(VG)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Left View
Cadenza(VG)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Right View
Cadenza(VG)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Right View
Cadenza(VG)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Wide View

model	year	area	system	function	subfunction
Cadenza(VG)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Wide View
Cadenza(VG)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 25%
Cadenza(VG)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 100%
Cadenza(VG)	2016	General Area	TCM(Transmission Control Module)	Version Information	
Cadenza(VG)	2016	General Area	TCM(Transmission Control Module)	Read Fault Code	
Cadenza(VG)	2016	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cadenza(VG)	2016	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cadenza(VG)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Cadenza(VG)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Cadenza(VG)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Cadenza(VG)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Cadenza(VG)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Cadenza(VG)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Cadenza(VG)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Cadenza(VG)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Cadenza(VG)	2016	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Cadenza(VG)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Cadenza(VG)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Cadenza(VG)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Cadenza(VG)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Cadenza(VG)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Cadenza(VG)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Cadenza(VG)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Cadenza(VG)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Cadenza(VG)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Cadenza(VG)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Cadenza(VG)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Cadenza(VG)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Cadenza(VG)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Cadenza(VG)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Cadenza(VG)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Cadenza(VG)	2015	General Area	ABS(Anti-Lock Brake System)	Version Information	
Cadenza(VG)	2015	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Cadenza(VG)	2015	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Cadenza(VG)	2015	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Cadenza(VG)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Cadenza(VG)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Cadenza(VG)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Cadenza(VG)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Cadenza(VG)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Cadenza(VG)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Cadenza(VG)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front

model	year	area	system	function	subfunction
Cadenza(VG)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Cadenza(VG)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Cadenza(VG)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Cadenza(VG)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Cadenza(VG)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
Cadenza(VG)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
Cadenza(VG)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Cadenza(VG)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Cadenza(VG)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Cadenza(VG)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Cadenza(VG)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Cadenza(VG)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Cadenza(VG)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Warning Lamp
Cadenza(VG)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Status Lamp
Cadenza(VG)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Cadenza(VG)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Cadenza(VG)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	SAS Calibration(CAN-ESP Only)
Cadenza(VG)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Cadenza(VG)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding

model	year	area	system	function	subfunction
Cadenza(VG)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	EPB Variant Coding
Cadenza(VG)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	PAD Change Mode
Cadenza(VG)	2015	General Area	AC(Air Conditioning)	Version	
Cadenza(VG)	2015	General Area	AC(Air Conditioning)	Read Fault Code	
Cadenza(VG)	2015	General Area	AC(Air Conditioning)	Clear Fault	
Cadenza(VG)	2015	General Area	AC(Air Conditioning)	Read Data	
Cadenza(VG)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Cadenza(VG)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Cadenza(VG)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Cadenza(VG)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Cadenza(VG)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Cadenza(VG)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Cadenza(VG)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Cadenza(VG)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Cadenza(VG)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Cadenza(VG)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Cadenza(VG)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Cadenza(VG)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Cadenza(VG)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-1Step
Cadenza(VG)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-2Step
Cadenza(VG)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-3Step
Cadenza(VG)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-4Step
Cadenza(VG)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-5Step
Cadenza(VG)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-6Step

model	year	area	system	function	subfunction
Cadenza(VG)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-7Step
Cadenza(VG)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-8Step
Cadenza(VG)	2015	General Area	AC(Air Conditioning)	Actuation Test	E-Comp-On
Cadenza(VG)	2015	General Area	AC(Air Conditioning)	Actuation Test	E-Comp-Off
Cadenza(VG)	2015	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Cadenza(VG)	2015	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Close
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Version Information	
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Read Fault Code	
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Clear Fault Memory	
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Read Data Stream	
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Trunk Release Relay
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window Power
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Down Relay
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window RH UP Relay
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window RH Down Relay
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output

model	year	area	system	function	subfunction
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid(Automatic Transmission)
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move STEERING COLUMN to the highest position(TILT)
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move STEERING COLUMN to the lowest position(TILT)
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move STEERING COLUMN at the shortest position(TELE)
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move STEERING COLUMN at the longest position(TELE)

model	year	area	system	function	subfunction
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Right Motor On
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Left Motor On
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window Up
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Highest Position

model	year	area	system	function	subfunction
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Lowest Position
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Left Position
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Right Position
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Fold
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Unfold
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Drive Side Door Unlock
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Drive Side Puddle Lamp
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central door lock
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central door unlock
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window Up
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Highest Position
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Lowest Position
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Left Position

model	year	area	system	function	subfunction
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Right Position
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Fold
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Unfold
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Puddle Lamp
Cadenza(VG)	2015	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting
Cadenza(VG)	2015	General Area	CCS(Cruise Control System)	Version Information	
Cadenza(VG)	2015	General Area	CCS(Cruise Control System)	Read Fault Code	
Cadenza(VG)	2015	General Area	CCS(Cruise Control System)	Clear Fault Memory	
Cadenza(VG)	2015	General Area	CCS(Cruise Control System)	Read Data Stream	
Cadenza(VG)	2015	General Area	CCS(Cruise Control System)	Special Function	SCC Alignment(Calibration)
Cadenza(VG)	2015	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Cadenza(VG)	2015	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Version Information	
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Read Fault Code	
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Read Data Stream	
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control

model	year	area	system	function	subfunction
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-High
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-Low
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6

model	year	area	system	function	subfunction
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	TEC Learn
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VCM Type VIS 2
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 1
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 2
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 3
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 4
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 5
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 6
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI High Pressure Offset
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Special Function	Write VIN

model	year	area	system	function	subfunction
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Cadenza(VG)	2015	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Cadenza(VG)	2015	General Area	Head Lamp	Version	
Cadenza(VG)	2015	General Area	Head Lamp	Read Fault Code	
Cadenza(VG)	2015	General Area	Head Lamp	Clear Fault	
Cadenza(VG)	2015	General Area	Head Lamp	Read Data	
Cadenza(VG)	2015	General Area	Head Lamp	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Cadenza(VG)	2015	General Area	Head Lamp	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Cadenza(VG)	2015	General Area	Head Lamp	Actuation Test	HLL normal position
Cadenza(VG)	2015	General Area	Head Lamp	Actuation Test	DBL(Dynamic Bending Light)Max(LH)Position
Cadenza(VG)	2015	General Area	Head Lamp	Actuation Test	DBL(Dynamic Bending Light)Max(RH)Position
Cadenza(VG)	2015	General Area	Head Lamp	Special Function	Headlamp
Cadenza(VG)	2015	General Area	Head Lamp	Special Function	Parameter Setting&Zero position Initial
Cadenza(VG)	2015	General Area	Head Lamp	Special Function	Calibration
Cadenza(VG)	2015	General Area	Head Lamp	Special Function	Parameter Download
Cadenza(VG)	2015	General Area	IMMO(Immobilizer)	Read Data	
Cadenza(VG)	2015	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cadenza(VG)	2015	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cadenza(VG)	2015	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cadenza(VG)	2015	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Cadenza(VG)	2015	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cadenza(VG)	2015	General Area	LDWS(Lane Departure Warning System)	Version Information	
Cadenza(VG)	2015	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	

model	year	area	system	function	subfunction
Cadenza(VG)	2015	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Cadenza(VG)	2015	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Cadenza(VG)	2015	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Activation Switch LED
Cadenza(VG)	2015	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Left
Cadenza(VG)	2015	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Right
Cadenza(VG)	2015	General Area	LDWS(Lane Departure Warning System)	Actuation Test	ALL LEDs
Cadenza(VG)	2015	General Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Reference Point Calibration
Cadenza(VG)	2015	General Area	LDWS(Lane Departure Warning System)	Special Function	BSD Radar Calibration
Cadenza(VG)	2015	General Area	LDWS(Lane Departure Warning System)	Special Function	BSD Variant Coding
Cadenza(VG)	2015	General Area	LDWS(Lane Departure Warning System)	Special Function	BSD Variant Code Reading
Cadenza(VG)	2015	General Area	Smart Key Unit	Version	
Cadenza(VG)	2015	General Area	Smart Key Unit	Read Fault Code	
Cadenza(VG)	2015	General Area	Smart Key Unit	Clear Fault	
Cadenza(VG)	2015	General Area	Smart Key Unit	Read Data	
Cadenza(VG)	2015	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Cadenza(VG)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Cadenza(VG)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Cadenza(VG)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED White
Cadenza(VG)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Cadenza(VG)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Cadenza(VG)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Cadenza(VG)	2015	General Area	Smart Key Unit	Actuation Test	ACC Relay
Cadenza(VG)	2015	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Cadenza(VG)	2015	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Cadenza(VG)	2015	General Area	Smart Key Unit	Actuation Test	Starter Relay
Cadenza(VG)	2015	General Area	Smart Key Unit	Actuation Test	External Buzzer
Cadenza(VG)	2015	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Cadenza(VG)	2015	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Cadenza(VG)	2015	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Cadenza(VG)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Cadenza(VG)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna

model	year	area	system	function	subfunction
Cadenza(VG)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Cadenza(VG)	2015	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Cadenza(VG)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Cadenza(VG)	2015	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Cadenza(VG)	2015	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Cadenza(VG)	2015	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Cadenza(VG)	2015	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Cadenza(VG)	2015	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Cadenza(VG)	2015	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Cadenza(VG)	2015	General Area	Smart Key Unit	Special Function	Neutralization Mode
Cadenza(VG)	2015	General Area	Smart Key Unit	Special Function	SMK Status Information
Cadenza(VG)	2015	General Area	Smart Key Unit	Special Function	ESCL Status Information
Cadenza(VG)	2015	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Cadenza(VG)	2015	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Cadenza(VG)	2015	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Cadenza(VG)	2015	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Cadenza(VG)	2015	General Area	Smart Key Unit	Special Function	Antenna Status Check
Cadenza(VG)	2015	General Area	SPAS(Smart Parking Assist System)	Version Information	
Cadenza(VG)	2015	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Cadenza(VG)	2015	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Cadenza(VG)	2015	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Cadenza(VG)	2015	General Area	SPAS(Smart Parking Assist System)	Actuation Test	Speaker Activation
Cadenza(VG)	2015	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation

model	year	area	system	function	subfunction
Cadenza(VG)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Cadenza(VG)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cadenza(VG)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cadenza(VG)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cadenza(VG)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Cadenza(VG)	2015	General Area	SVMS(Surround View Monitor System)	Version Information	
Cadenza(VG)	2015	General Area	SVMS(Surround View Monitor System)	Read Fault Code	
Cadenza(VG)	2015	General Area	SVMS(Surround View Monitor System)	Clear Fault Memory	
Cadenza(VG)	2015	General Area	SVMS(Surround View Monitor System)	Read Data Stream	
Cadenza(VG)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-SVM View
Cadenza(VG)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-SVM View
Cadenza(VG)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Left View
Cadenza(VG)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Left View
Cadenza(VG)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Right View
Cadenza(VG)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Right View
Cadenza(VG)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Wide View
Cadenza(VG)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Wide View
Cadenza(VG)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 25%
Cadenza(VG)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 100%
Cadenza(VG)	2015	General Area	TCM(Transmission Control Module)	Version Information	

model	year	area	system	function	subfunction
Cadenza(VG)	2015	General Area	TCM(Transmission Control Module)	Read Fault Code	
Cadenza(VG)	2015	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cadenza(VG)	2015	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cadenza(VG)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Cadenza(VG)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Cadenza(VG)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Cadenza(VG)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Cadenza(VG)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Cadenza(VG)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Cadenza(VG)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Cadenza(VG)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Cadenza(VG)	2015	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Cadenza(VG)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Cadenza(VG)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Cadenza(VG)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Cadenza(VG)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Cadenza(VG)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Cadenza(VG)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Cadenza(VG)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front

model	year	area	system	function	subfunction
Cadenza(VG)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Cadenza(VG)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Cadenza(VG)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Cadenza(VG)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Cadenza(VG)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Cadenza(VG)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Cadenza(VG)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Cadenza(VG)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Cadenza(VG)	2014	General Area	ABS(Anti-Lock Brake System)	Version Information	
Cadenza(VG)	2014	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Cadenza(VG)	2014	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Cadenza(VG)	2014	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Cadenza(VG)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Cadenza(VG)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Cadenza(VG)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Cadenza(VG)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Cadenza(VG)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Cadenza(VG)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Cadenza(VG)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Cadenza(VG)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Cadenza(VG)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Cadenza(VG)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Cadenza(VG)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front

model	year	area	system	function	subfunction
Cadenza(VG)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
Cadenza(VG)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
Cadenza(VG)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Cadenza(VG)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Cadenza(VG)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Cadenza(VG)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Cadenza(VG)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Cadenza(VG)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Cadenza(VG)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Warning Lamp
Cadenza(VG)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Status Lamp
Cadenza(VG)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Cadenza(VG)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Cadenza(VG)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	SAS Calibration(CAN-ESP Only)
Cadenza(VG)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Cadenza(VG)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Cadenza(VG)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	EPB Variant Coding
Cadenza(VG)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	PAD Change Mode
Cadenza(VG)	2014	General Area	AC(Air Conditioning)	Version	
Cadenza(VG)	2014	General Area	AC(Air Conditioning)	Read Fault Code	
Cadenza(VG)	2014	General Area	AC(Air Conditioning)	Clear Fault	
Cadenza(VG)	2014	General Area	AC(Air Conditioning)	Read Data	

model	year	area	system	function	subfunction
Cadenza(VG)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Cadenza(VG)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Cadenza(VG)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Cadenza(VG)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Cadenza(VG)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Cadenza(VG)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Cadenza(VG)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Cadenza(VG)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Cadenza(VG)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Cadenza(VG)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Cadenza(VG)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Cadenza(VG)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Cadenza(VG)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-1Step
Cadenza(VG)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-2Step
Cadenza(VG)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-3Step
Cadenza(VG)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-4Step
Cadenza(VG)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-5Step
Cadenza(VG)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-6Step
Cadenza(VG)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-7Step
Cadenza(VG)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-8Step
Cadenza(VG)	2014	General Area	AC(Air Conditioning)	Actuation Test	E-Comp-On
Cadenza(VG)	2014	General Area	AC(Air Conditioning)	Actuation Test	E-Comp-Off
Cadenza(VG)	2014	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Cadenza(VG)	2014	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Close

model	year	area	system	function	subfunction
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Version Information	
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Read Fault Code	
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Clear Fault Memory	
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Read Data Stream	
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Trunk Release Relay
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window Power
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Down Relay
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window RH UP Relay
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window RH Down Relay
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay

model	year	area	system	function	subfunction
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid(Automatic Transmission)
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move STEERING COLUMN to the highest position(TILT)
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move STEERING COLUMN to the lowest position(TILT)
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move STEERING COLUMN at the shortest position(TELE)
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move STEERING COLUMN at the longest position(TELE)
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)

model	year	area	system	function	subfunction
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Right Motor On
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Left Motor On
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window Up
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Highest Position
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Lowest Position
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Left Position

model	year	area	system	function	subfunction
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Right Position
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Fold
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Unfold
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Drive Side Door Unlock
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Drive Side Puddle Lamp
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Central door lock
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Central door unlock
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window Up
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Highest Position
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Lowest Position
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Left Position
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Right Position
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Fold
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Unfold
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Puddle Lamp

model	year	area	system	function	subfunction
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Wiper low relay
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head lamp low signal
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	PAS Switch Indicator(Option)
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp Output
Cadenza(VG)	2014	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting
Cadenza(VG)	2014	General Area	CCS(Cruise Control System)	Version Information	
Cadenza(VG)	2014	General Area	CCS(Cruise Control System)	Read Fault Code	
Cadenza(VG)	2014	General Area	CCS(Cruise Control System)	Clear Fault Memory	
Cadenza(VG)	2014	General Area	CCS(Cruise Control System)	Read Data Stream	
Cadenza(VG)	2014	General Area	CCS(Cruise Control System)	Special Function	SCC Alignment(Calibration)
Cadenza(VG)	2014	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Cadenza(VG)	2014	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Version Information	
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Read Fault Code	
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Read Data Stream	
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay

model	year	area	system	function	subfunction
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-High
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-Low
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5

model	year	area	system	function	subfunction
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	TEC Learn
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VCM Type VIS 2
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 1
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 2
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 3
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 4
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 5
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 6
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Actuation Test	GDI High Pressure Offset
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Special Function	Read VIN

model	year	area	system	function	subfunction
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Cadenza(VG)	2014	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Cadenza(VG)	2014	General Area	Head Lamp	Version	
Cadenza(VG)	2014	General Area	Head Lamp	Read Fault Code	
Cadenza(VG)	2014	General Area	Head Lamp	Clear Fault	
Cadenza(VG)	2014	General Area	Head Lamp	Read Data	
Cadenza(VG)	2014	General Area	Head Lamp	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Cadenza(VG)	2014	General Area	Head Lamp	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Cadenza(VG)	2014	General Area	Head Lamp	Actuation Test	HLL normal position
Cadenza(VG)	2014	General Area	Head Lamp	Actuation Test	DBL(Dynamic Bending Light)Max(LH)Position
Cadenza(VG)	2014	General Area	Head Lamp	Actuation Test	DBL(Dynamic Bending Light)Max(RH)Position
Cadenza(VG)	2014	General Area	Head Lamp	Special Function	Headlamp
Cadenza(VG)	2014	General Area	Head Lamp	Special Function	Parameter Setting&Zero position Initial
Cadenza(VG)	2014	General Area	Head Lamp	Special Function	Calibration
Cadenza(VG)	2014	General Area	Head Lamp	Special Function	Parameter Download
Cadenza(VG)	2014	General Area	IMMO(Immobilizer)	Read Data	
Cadenza(VG)	2014	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cadenza(VG)	2014	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cadenza(VG)	2014	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cadenza(VG)	2014	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Cadenza(VG)	2014	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cadenza(VG)	2014	General Area	LDWS(Lane Departure Warning System)	Version Information	

model	year	area	system	function	subfunction
Cadenza(VG)	2014	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Cadenza(VG)	2014	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Cadenza(VG)	2014	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Cadenza(VG)	2014	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Activation Switch LED
Cadenza(VG)	2014	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Left
Cadenza(VG)	2014	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Right
Cadenza(VG)	2014	General Area	LDWS(Lane Departure Warning System)	Actuation Test	ALL LEDs
Cadenza(VG)	2014	General Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Reference Point Calibration
Cadenza(VG)	2014	General Area	LDWS(Lane Departure Warning System)	Special Function	BSD Radar Calibration
Cadenza(VG)	2014	General Area	LDWS(Lane Departure Warning System)	Special Function	BSD Variant Coding
Cadenza(VG)	2014	General Area	LDWS(Lane Departure Warning System)	Special Function	BSD Variant Code Reading
Cadenza(VG)	2014	General Area	Power Steering	Version	
Cadenza(VG)	2014	General Area	Power Steering	Read Fault Code	
Cadenza(VG)	2014	General Area	Power Steering	Clear Fault	
Cadenza(VG)	2014	General Area	Power Steering	Read Data	
Cadenza(VG)	2014	General Area	Power Steering	Special Function	ASP Calibration
Cadenza(VG)	2014	General Area	Power Steering	Special Function	EPS Type Recognition
Cadenza(VG)	2014	General Area	Smart Key	Version	
Cadenza(VG)	2014	General Area	Smart Key	Read Fault Code	
Cadenza(VG)	2014	General Area	Smart Key	Clear Fault	
Cadenza(VG)	2014	General Area	Smart Key	Read Data	
Cadenza(VG)	2014	General Area	Smart Key	Actuation Test	SSB LED Amber
Cadenza(VG)	2014	General Area	Smart Key	Actuation Test	SSB LED Blue/Green
Cadenza(VG)	2014	General Area	Smart Key	Actuation Test	FOB holder illumination
Cadenza(VG)	2014	General Area	Smart Key	Actuation Test	SSB illumination
Cadenza(VG)	2014	General Area	Smart Key	Actuation Test	ACC Relay
Cadenza(VG)	2014	General Area	Smart Key	Actuation Test	IGN1 Relay
Cadenza(VG)	2014	General Area	Smart Key	Actuation Test	IGN2 Relay
Cadenza(VG)	2014	General Area	Smart Key	Actuation Test	START Relay
Cadenza(VG)	2014	General Area	Smart Key	Actuation Test	SSB LED Blue/Red
Cadenza(VG)	2014	General Area	Smart Key	Actuation Test	SSB LED White

model	year	area	system	function	subfunction
Cadenza(VG)	2014	General Area	Smart Key	Actuation Test	ESCL Enable(ESCL only)
Cadenza(VG)	2014	General Area	Smart Key	Actuation Test	ESCL Ground Output
Cadenza(VG)	2014	General Area	Smart Key	Actuation Test	ESCL Battery Output
Cadenza(VG)	2014	General Area	Smart Key	Actuation Test	Starter Relay
Cadenza(VG)	2014	General Area	Smart Key	Actuation Test	External Buzzer
Cadenza(VG)	2014	General Area	Smart Key	Actuation Test	Key Out Indicator
Cadenza(VG)	2014	General Area	Smart Key	Actuation Test	Immobilizer Indicator
Cadenza(VG)	2014	General Area	Smart Key	Actuation Test	FOB Battery Indicator
Cadenza(VG)	2014	General Area	Smart Key	Actuation Test	SSB LED OFF
Cadenza(VG)	2014	General Area	Smart Key	Actuation Test	Interior Antenna
Cadenza(VG)	2014	General Area	Smart Key	Actuation Test	Interior Antenna
Cadenza(VG)	2014	General Area	Smart Key	Actuation Test	Trunk Antenna
Cadenza(VG)	2014	General Area	Smart Key	Actuation Test	Interior Antenna
Cadenza(VG)	2014	General Area	Smart Key	Actuation Test	Bumper Antenna Active
Cadenza(VG)	2014	General Area	Smart Key	Actuation Test	Activate Driver Side Antenna
Cadenza(VG)	2014	General Area	Smart Key	Actuation Test	Activate Assist Side Antenna
Cadenza(VG)	2014	General Area	Smart Key	Actuation Test	Immobilizer Antenna
Cadenza(VG)	2014	General Area	Smart Key	Actuation Test	Activate Hat Shelf Antenna
Cadenza(VG)	2014	General Area	Smart Key	Special Function	ESCL Open Status Check
Cadenza(VG)	2014	General Area	Smart Key	Special Function	Smart Key Code Saving
Cadenza(VG)	2014	General Area	Smart Key	Special Function	Neutralization Mode
Cadenza(VG)	2014	General Area	Smart Key	Special Function	SMK Status Information
Cadenza(VG)	2014	General Area	Smart Key	Special Function	ESCL Status Information
Cadenza(VG)	2014	General Area	Smart Key	Special Function	FOB KEY Status Information
Cadenza(VG)	2014	General Area	Smart Key	Special Function	Current FOB Key Check
Cadenza(VG)	2014	General Area	Smart Key	Special Function	Serial Communication Line Check

model	year	area	system	function	subfunction
Cadenza(VG)	2014	General Area	Smart Key	Special Function	Antenna Status Check
Cadenza(VG)	2014	General Area	SPAS(Smart Parking Assist System)	Version Information	
Cadenza(VG)	2014	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Cadenza(VG)	2014	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Cadenza(VG)	2014	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Cadenza(VG)	2014	General Area	SPAS(Smart Parking Assist System)	Actuation Test	Speaker Activation
Cadenza(VG)	2014	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation
Cadenza(VG)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Cadenza(VG)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cadenza(VG)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cadenza(VG)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cadenza(VG)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Cadenza(VG)	2014	General Area	SVMS(Surround View Monitor System)	Version Information	
Cadenza(VG)	2014	General Area	SVMS(Surround View Monitor System)	Read Fault Code	
Cadenza(VG)	2014	General Area	SVMS(Surround View Monitor System)	Clear Fault Memory	
Cadenza(VG)	2014	General Area	SVMS(Surround View Monitor System)	Read Data Stream	
Cadenza(VG)	2014	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-SVM View
Cadenza(VG)	2014	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-SVM View
Cadenza(VG)	2014	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Left View
Cadenza(VG)	2014	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Left View

model	year	area	system	function	subfunction
Cadenza(VG)	2014	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Right View
Cadenza(VG)	2014	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Right View
Cadenza(VG)	2014	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Wide View
Cadenza(VG)	2014	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Wide View
Cadenza(VG)	2014	General Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 25%
Cadenza(VG)	2014	General Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 100%
Cadenza(VG)	2014	General Area	TCM(Transmission Control Module)	Version Information	
Cadenza(VG)	2014	General Area	TCM(Transmission Control Module)	Read Fault Code	
Cadenza(VG)	2014	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cadenza(VG)	2014	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cadenza(VG)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Cadenza(VG)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Cadenza(VG)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Cadenza(VG)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Cadenza(VG)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Cadenza(VG)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Cadenza(VG)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Cadenza(VG)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Cadenza(VG)	2014	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values

model	year	area	system	function	subfunction
Cadenza(VG)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Cadenza(VG)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Cadenza(VG)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Cadenza(VG)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Cadenza(VG)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Cadenza(VG)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Cadenza(VG)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Cadenza(VG)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Cadenza(VG)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Cadenza(VG)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Cadenza(VG)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Cadenza(VG)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Cadenza(VG)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Cadenza(VG)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Cadenza(VG)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Cadenza(VG)	2013	General Area	ABS(Anti-Lock Brake System)	Version Information	
Cadenza(VG)	2013	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Cadenza(VG)	2013	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Cadenza(VG)	2013	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Cadenza(VG)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Cadenza(VG)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Cadenza(VG)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Cadenza(VG)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear

model	year	area	system	function	subfunction
Cadenza(VG)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Cadenza(VG)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Cadenza(VG)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Cadenza(VG)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Cadenza(VG)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Cadenza(VG)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Cadenza(VG)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Cadenza(VG)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
Cadenza(VG)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
Cadenza(VG)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Cadenza(VG)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Cadenza(VG)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Cadenza(VG)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Cadenza(VG)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Cadenza(VG)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Cadenza(VG)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Warning Lamp
Cadenza(VG)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Status Lamp
Cadenza(VG)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Cadenza(VG)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Cadenza(VG)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	SAS Calibration(CAN-ESP Only)

model	year	area	system	function	subfunction
Cadenza(VG)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/ DBC Only)
Cadenza(VG)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Cadenza(VG)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	EPB Variant Coding
Cadenza(VG)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	PAD Change Mode
Cadenza(VG)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset
Cadenza(VG)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Version	
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Read Fault Code	
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Clear Fault	
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Read Data	
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-1Step

model	year	area	system	function	subfunction
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-2Step
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-3Step
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-4Step
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-5Step
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-6Step
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-7Step
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-8Step
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	E-Comp-On
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	E-Comp-Off
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Close
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium

model	year	area	system	function	subfunction
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Cadenza(VG)	2013	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Cadenza(VG)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Cadenza(VG)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	

model	year	area	system	function	subfunction
Cadenza(VG)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Cadenza(VG)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Cadenza(VG)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Cadenza(VG)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Cadenza(VG)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL failsafe position
Cadenza(VG)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL reference run
Cadenza(VG)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL normal position
Cadenza(VG)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Cadenza(VG)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Setting&Zero position Initial
Cadenza(VG)	2013	General Area	AVMS(Around View Monitor System)	Version Information	
Cadenza(VG)	2013	General Area	AVMS(Around View Monitor System)	Read Fault Code	
Cadenza(VG)	2013	General Area	AVMS(Around View Monitor System)	Clear Fault Memory	
Cadenza(VG)	2013	General Area	AVMS(Around View Monitor System)	Read Data Stream	
Cadenza(VG)	2013	General Area	AVMS(Around View Monitor System)	Actuation Test	Rear-AVM View
Cadenza(VG)	2013	General Area	AVMS(Around View Monitor System)	Actuation Test	Front-AVM View
Cadenza(VG)	2013	General Area	AVMS(Around View Monitor System)	Actuation Test	Rear-Left View
Cadenza(VG)	2013	General Area	AVMS(Around View Monitor System)	Actuation Test	Front-Left View
Cadenza(VG)	2013	General Area	AVMS(Around View Monitor System)	Actuation Test	Rear-Right View
Cadenza(VG)	2013	General Area	AVMS(Around View Monitor System)	Actuation Test	Front-Right View
Cadenza(VG)	2013	General Area	AVMS(Around View Monitor System)	Actuation Test	Rear-Wide View
Cadenza(VG)	2013	General Area	AVMS(Around View Monitor System)	Actuation Test	Front-Wide View

model	year	area	system	function	subfunction
Cadenza(VG)	2013	General Area	AVMS(Around View Monitor System)	Actuation Test	Indicator Output 100%
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Version Information	
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Read Fault Code	
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Clear Fault Memory	
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Read Data Stream	
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Trunk Release Relay
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window Power
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Down Relay
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window RH UP Relay
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window RH Down Relay
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output

model	year	area	system	function	subfunction
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid(Automatic Transmission)
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move STEERING COLUMN to the highest position(TILT)
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move STEERING COLUMN to the lowest position(TILT)
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move STEERING COLUMN at the shortest position(TELE)
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move STEERING COLUMN at the longest position(TELE)
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)

model	year	area	system	function	subfunction
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Right Motor On
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Left Motor On
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window Up
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Highest Position
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Lowest Position
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Left Position

model	year	area	system	function	subfunction
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Right Position
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Fold
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Unfold
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Drive Side Door Unlock
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Drive Side Puddle Lamp
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Central door lock
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Central door unlock
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window Up
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Highest Position
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Lowest Position
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Left Position
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Right Position
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Fold
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Unfold
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Puddle Lamp

model	year	area	system	function	subfunction
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Wiper low relay
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head lamp low signal
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	PAS Switch Indicator(Option)
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp Output
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Cruise Indicator
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Seatbelt Indicator
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	ACC warning buzzer
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door open indicator
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Front fog lamp indicator
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Turn left signal indicator
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Actuation Test	Turn right signal indicator
Cadenza(VG)	2013	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting
Cadenza(VG)	2013	General Area	CCS(Cruise Control System)	Version Information	
Cadenza(VG)	2013	General Area	CCS(Cruise Control System)	Read Fault Code	
Cadenza(VG)	2013	General Area	CCS(Cruise Control System)	Clear Fault Memory	
Cadenza(VG)	2013	General Area	CCS(Cruise Control System)	Read Data Stream	
Cadenza(VG)	2013	General Area	CCS(Cruise Control System)	Special Function	SCC Alignment(Calibration)
Cadenza(VG)	2013	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Cadenza(VG)	2013	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Version Information	

model	year	area	system	function	subfunction
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Read Fault Code	
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Read Data Stream	
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-High
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-Low
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	TEC Learn
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VCM Type VIS 2
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 1

model	year	area	system	function	subfunction
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 2
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 3
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 4
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 5
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 6
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	GDI High Pressure Offset
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low

model	year	area	system	function	subfunction
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters

model	year	area	system	function	subfunction
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3

model	year	area	system	function	subfunction
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Special Function	Write VIN

model	year	area	system	function	subfunction
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Cadenza(VG)	2013	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Cadenza(VG)	2013	General Area	Head Lamp	Version	
Cadenza(VG)	2013	General Area	Head Lamp	Read Fault Code	
Cadenza(VG)	2013	General Area	Head Lamp	Clear Fault	
Cadenza(VG)	2013	General Area	Head Lamp	Read Data	
Cadenza(VG)	2013	General Area	Head Lamp	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Cadenza(VG)	2013	General Area	Head Lamp	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Cadenza(VG)	2013	General Area	Head Lamp	Actuation Test	HLL normal position
Cadenza(VG)	2013	General Area	Head Lamp	Actuation Test	DBL(Dynamic Bending Light)Max(LH)Position
Cadenza(VG)	2013	General Area	Head Lamp	Actuation Test	DBL(Dynamic Bending Light)Max(RH)Position
Cadenza(VG)	2013	General Area	Head Lamp	Special Function	Headlamp
Cadenza(VG)	2013	General Area	Head Lamp	Special Function	Parameter Setting&Zero position Initial
Cadenza(VG)	2013	General Area	Head Lamp	Special Function	Calibration
Cadenza(VG)	2013	General Area	Head Lamp	Special Function	Parameter Download

model	year	area	system	function	subfunction
Cadenza(VG)	2013	General Area	IMMO(Immobilizer)	Read Data	
Cadenza(VG)	2013	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cadenza(VG)	2013	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cadenza(VG)	2013	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cadenza(VG)	2013	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Cadenza(VG)	2013	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cadenza(VG)	2013	General Area	LDWS(Lane Departure Warning System)	Version Information	
Cadenza(VG)	2013	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Cadenza(VG)	2013	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Cadenza(VG)	2013	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Cadenza(VG)	2013	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Activation Switch LED
Cadenza(VG)	2013	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Left
Cadenza(VG)	2013	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Right
Cadenza(VG)	2013	General Area	LDWS(Lane Departure Warning System)	Actuation Test	ALL LEDs
Cadenza(VG)	2013	General Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Reference Point Calibration
Cadenza(VG)	2013	General Area	LDWS(Lane Departure Warning System)	Special Function	BSD Radar Calibration
Cadenza(VG)	2013	General Area	LDWS(Lane Departure Warning System)	Special Function	BSD Variant Coding
Cadenza(VG)	2013	General Area	LDWS(Lane Departure Warning System)	Special Function	BSD Variant Code Reading
Cadenza(VG)	2013	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Cadenza(VG)	2013	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Cadenza(VG)	2013	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Cadenza(VG)	2013	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Cadenza(VG)	2013	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Cadenza(VG)	2013	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Cadenza(VG)	2013	General Area	Power Steering	Version	
Cadenza(VG)	2013	General Area	Power Steering	Read Fault Code	

model	year	area	system	function	subfunction
Cadenza(VG)	2013	General Area	Power Steering	Clear Fault	
Cadenza(VG)	2013	General Area	Power Steering	Read Data	
Cadenza(VG)	2013	General Area	Power Steering	Special Function	ASP Calibration
Cadenza(VG)	2013	General Area	Power Steering	Special Function	EPS Type Recognition
Cadenza(VG)	2013	General Area	Smart Key	Version	
Cadenza(VG)	2013	General Area	Smart Key	Read Fault Code	
Cadenza(VG)	2013	General Area	Smart Key	Clear Fault	
Cadenza(VG)	2013	General Area	Smart Key	Read Data	
Cadenza(VG)	2013	General Area	Smart Key	Actuation Test	SSB LED Amber
Cadenza(VG)	2013	General Area	Smart Key	Actuation Test	SSB LED Blue/Green
Cadenza(VG)	2013	General Area	Smart Key	Actuation Test	FOB holder illumination
Cadenza(VG)	2013	General Area	Smart Key	Actuation Test	SSB illumination
Cadenza(VG)	2013	General Area	Smart Key	Actuation Test	ACC Relay
Cadenza(VG)	2013	General Area	Smart Key	Actuation Test	IGN1 Relay
Cadenza(VG)	2013	General Area	Smart Key	Actuation Test	IGN2 Relay
Cadenza(VG)	2013	General Area	Smart Key	Actuation Test	START Relay
Cadenza(VG)	2013	General Area	Smart Key	Actuation Test	SSB LED Blue/Red
Cadenza(VG)	2013	General Area	Smart Key	Actuation Test	SSB LED White
Cadenza(VG)	2013	General Area	Smart Key	Actuation Test	ESCL Enable(ESCL only)
Cadenza(VG)	2013	General Area	Smart Key	Actuation Test	ESCL Ground Output
Cadenza(VG)	2013	General Area	Smart Key	Actuation Test	ESCL Battery Output
Cadenza(VG)	2013	General Area	Smart Key	Actuation Test	Starter Relay
Cadenza(VG)	2013	General Area	Smart Key	Actuation Test	External Buzzer
Cadenza(VG)	2013	General Area	Smart Key	Actuation Test	Key Out Indicator
Cadenza(VG)	2013	General Area	Smart Key	Actuation Test	Immobilizer Indicator
Cadenza(VG)	2013	General Area	Smart Key	Actuation Test	FOB Battery Indicator
Cadenza(VG)	2013	General Area	Smart Key	Actuation Test	SSB LED OFF
Cadenza(VG)	2013	General Area	Smart Key	Actuation Test	Interior Antenna
Cadenza(VG)	2013	General Area	Smart Key	Actuation Test	Interior Antenna
Cadenza(VG)	2013	General Area	Smart Key	Actuation Test	Trunk Antenna
Cadenza(VG)	2013	General Area	Smart Key	Actuation Test	Interior Antenna
Cadenza(VG)	2013	General Area	Smart Key	Actuation Test	Bumper Antenna Active
Cadenza(VG)	2013	General Area	Smart Key	Actuation Test	Activate Driver Side Antenna
Cadenza(VG)	2013	General Area	Smart Key	Actuation Test	Activate Assist Side Antenna

model	year	area	system	function	subfunction
Cadenza(VG)	2013	General Area	Smart Key	Actuation Test	Immobilizer Antenna
Cadenza(VG)	2013	General Area	Smart Key	Actuation Test	Activate Hat Shelf Antenna
Cadenza(VG)	2013	General Area	Smart Key	Actuation Test	Trunk/Tailgate Antenna Active
Cadenza(VG)	2013	General Area	Smart Key	Actuation Test	Bumper/Tail Gate Antenna
Cadenza(VG)	2013	General Area	Smart Key	Actuation Test	Driver Door Handle Antenna
Cadenza(VG)	2013	General Area	Smart Key	Actuation Test	Right Door Handle Antenna
Cadenza(VG)	2013	General Area	Smart Key	Special Function	ESCL Open Status Check
Cadenza(VG)	2013	General Area	Smart Key	Special Function	Smart Key Code Saving
Cadenza(VG)	2013	General Area	Smart Key	Special Function	Neutralization Mode
Cadenza(VG)	2013	General Area	Smart Key	Special Function	SMK Status Information
Cadenza(VG)	2013	General Area	Smart Key	Special Function	ESCL Status Information
Cadenza(VG)	2013	General Area	Smart Key	Special Function	FOB KEY Status Information
Cadenza(VG)	2013	General Area	Smart Key	Special Function	Current FOB Key Check
Cadenza(VG)	2013	General Area	Smart Key	Special Function	Serial Communication Line Check
Cadenza(VG)	2013	General Area	Smart Key	Special Function	Antenna Status Check
Cadenza(VG)	2013	General Area	Smart Key	Special Function	PDM Status Information
Cadenza(VG)	2013	General Area	SPAS(Smart Parking Assist System)	Version Information	
Cadenza(VG)	2013	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Cadenza(VG)	2013	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Cadenza(VG)	2013	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Cadenza(VG)	2013	General Area	SPAS(Smart Parking Assist System)	Actuation Test	Speaker Activation
Cadenza(VG)	2013	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation

model	year	area	system	function	subfunction
Cadenza(VG)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Cadenza(VG)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cadenza(VG)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cadenza(VG)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cadenza(VG)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Cadenza(VG)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Cadenza(VG)	2013	General Area	SVMS(Surround View Monitor System)	Version Information	
Cadenza(VG)	2013	General Area	SVMS(Surround View Monitor System)	Read Fault Code	
Cadenza(VG)	2013	General Area	SVMS(Surround View Monitor System)	Clear Fault Memory	
Cadenza(VG)	2013	General Area	SVMS(Surround View Monitor System)	Read Data Stream	
Cadenza(VG)	2013	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-SVM View
Cadenza(VG)	2013	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-SVM View
Cadenza(VG)	2013	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Left View
Cadenza(VG)	2013	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Left View
Cadenza(VG)	2013	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Right View
Cadenza(VG)	2013	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Right View
Cadenza(VG)	2013	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Wide View
Cadenza(VG)	2013	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Wide View
Cadenza(VG)	2013	General Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 25%
Cadenza(VG)	2013	General Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 100%

model	year	area	system	function	subfunction
Cadenza(VG)	2013	General Area	TCM(Transmission Control Module)	Version Information	
Cadenza(VG)	2013	General Area	TCM(Transmission Control Module)	Read Fault Code	
Cadenza(VG)	2013	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cadenza(VG)	2013	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cadenza(VG)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Cadenza(VG)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Cadenza(VG)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Cadenza(VG)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Cadenza(VG)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Cadenza(VG)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Cadenza(VG)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Cadenza(VG)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Cadenza(VG)	2013	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Cadenza(VG)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Cadenza(VG)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Cadenza(VG)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Cadenza(VG)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Cadenza(VG)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Cadenza(VG)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp

model	year	area	system	function	subfunction
Cadenza(VG)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Cadenza(VG)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Cadenza(VG)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Cadenza(VG)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Cadenza(VG)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Cadenza(VG)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Cadenza(VG)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Cadenza(VG)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Cadenza(VG)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Cadenza(VG)	2012	General Area	ABS(Anti-Lock Brake System)	Version Information	
Cadenza(VG)	2012	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Cadenza(VG)	2012	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Cadenza(VG)	2012	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Cadenza(VG)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Cadenza(VG)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Cadenza(VG)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Cadenza(VG)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Cadenza(VG)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Cadenza(VG)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Cadenza(VG)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Cadenza(VG)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Cadenza(VG)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Cadenza(VG)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front

model	year	area	system	function	subfunction
Cadenza(VG)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Cadenza(VG)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
Cadenza(VG)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
Cadenza(VG)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Cadenza(VG)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Cadenza(VG)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Cadenza(VG)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Cadenza(VG)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Cadenza(VG)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Cadenza(VG)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Warning Lamp
Cadenza(VG)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Status Lamp
Cadenza(VG)	2012	General Area	ABS(Anti-Lock Brake System)	Special Function	SAS Calibration(CAN-ESP Only)
Cadenza(VG)	2012	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Cadenza(VG)	2012	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset
Cadenza(VG)	2012	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor
Cadenza(VG)	2012	General Area	ABS(Anti-Lock Brake System)	Special Function	PAD Change Mode
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Version	
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Read Fault Code	
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Clear Fault	
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Read Data	
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low

model	year	area	system	function	subfunction
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium

model	year	area	system	function	subfunction
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Cadenza(VG)	2012	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Cadenza(VG)	2012	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Cadenza(VG)	2012	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	

model	year	area	system	function	subfunction
Cadenza(VG)	2012	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Cadenza(VG)	2012	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Cadenza(VG)	2012	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Cadenza(VG)	2012	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Cadenza(VG)	2012	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL failsafe position
Cadenza(VG)	2012	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL reference run
Cadenza(VG)	2012	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Version Information	
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Read Fault Code	
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Clear Fault Memory	
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Read Data Stream	
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Trunk release relay
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Wiper low relay
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Head lamp washer relay
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Head lamp low signal
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear power window power
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH UP Relay
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Down Relay
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window RH UP Relay

model	year	area	system	function	subfunction
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window RH Down Relay
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Head lamp high Output
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	PAS Switch Indicator(Option)
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp Output
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Move STEERING COLUMN to the highest position(TILT)
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Move STEERING COLUMN to the lowest position(TILT)

model	year	area	system	function	subfunction
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Move STEERING COLUMN at the shortest position(TELE)
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Move STEERING COLUMN at the longest position(TELE)
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Cruise Indicator
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Seatbelt Indicator
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	ACC warning buzzer
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Door open indicator
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Front fog lamp indicator
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Turn left signal indicator
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Turn right signal indicator
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the foremost position(SLIDE)
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the last position(SLIDE)
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the foremost position(RECLINE)
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the last position(RECLINE)
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the highest position(FR HEIGHT)
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the lowest position(FR HEIGHT)
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the highest position(RR HEIGHT)

model	year	area	system	function	subfunction
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the lowest position(RR HEIGHT)
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Operate DRIVE SIDE WINDOW AUTO UP
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Operate DRIVE SIDE WINDOW AUTO DOWN
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Operate DRIVE SIDE WINDOW
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Operate DRIVE SIDE WINDOW DOWN
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Move DRIVE OUTSIDE MIRROR to the highest position
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Move DRIVE OUTSIDE MIRROR to the lowest position
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Move DRIVE OUTSIDE MIRROR to the most left position
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Move DRIVE OUTSIDE MIRROR to the most right position
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Operate DRIVE SIDE FOLD
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Operate DRIVE SIDE UNFOLD
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Drive Side Door Unlock
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Central door lock
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Central door unlock
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Operate ASSIST SIDE WINDOW AUTO DOWN
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Operate ASSIST SIDE WINDOW

model	year	area	system	function	subfunction
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Operate ASSIST SIDE WINDOW DOWN
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Move ASSIST OUTSIDE MIRROR to the highest Position
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Move ASSIST OUTSIDE MIRROR to the lowest Position
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Move ASSIST OUTSIDE MIRROR to the most left Position
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Move ASSIST OUTSIDE MIRROR to the most right Position
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Operate ASSIST SIDE FOLD
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Operate ASSIST SIDE UNFOLD
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Wiper high relay
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Cadenza(VG)	2012	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Cadenza(VG)	2012	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Cadenza(VG)	2012	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Version Information	
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Read Fault Code	
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Read Data Stream	
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2

model	year	area	system	function	subfunction
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3

model	year	area	system	function	subfunction
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Waste Gate Valve(Turbo Only)
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Valve Lift Control
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Valve Lift Manual Angle Adjustment
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)

model	year	area	system	function	subfunction
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2

model	year	area	system	function	subfunction
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan 1
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan 2
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear

model	year	area	system	function	subfunction
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Cadenza(VG)	2012	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Cadenza(VG)	2012	General Area	IMMO(Immobilizer)	Read Data	
Cadenza(VG)	2012	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cadenza(VG)	2012	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cadenza(VG)	2012	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cadenza(VG)	2012	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Cadenza(VG)	2012	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cadenza(VG)	2012	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Cadenza(VG)	2012	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Cadenza(VG)	2012	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Cadenza(VG)	2012	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	

model	year	area	system	function	subfunction
Cadenza(VG)	2012	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Cadenza(VG)	2012	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Cadenza(VG)	2012	General Area	Power Steering	Version	
Cadenza(VG)	2012	General Area	Power Steering	Read Fault Code	
Cadenza(VG)	2012	General Area	Power Steering	Clear Fault	
Cadenza(VG)	2012	General Area	Power Steering	Read Data	
Cadenza(VG)	2012	General Area	Power Steering	Special Function	ASP Calibration
Cadenza(VG)	2012	General Area	Power Steering	Special Function	EPS Type Recognition
Cadenza(VG)	2012	General Area	Smart Key	Version	
Cadenza(VG)	2012	General Area	Smart Key	Read Fault Code	
Cadenza(VG)	2012	General Area	Smart Key	Clear Fault	
Cadenza(VG)	2012	General Area	Smart Key	Read Data	
Cadenza(VG)	2012	General Area	Smart Key	Actuation Test	SSB LED Amber
Cadenza(VG)	2012	General Area	Smart Key	Actuation Test	SSB LED Blue/Green
Cadenza(VG)	2012	General Area	Smart Key	Actuation Test	FOB holder illumination
Cadenza(VG)	2012	General Area	Smart Key	Actuation Test	SSB illumination
Cadenza(VG)	2012	General Area	Smart Key	Actuation Test	ACC Relay
Cadenza(VG)	2012	General Area	Smart Key	Actuation Test	IGN1 Relay
Cadenza(VG)	2012	General Area	Smart Key	Actuation Test	IGN2 Relay
Cadenza(VG)	2012	General Area	Smart Key	Actuation Test	START Relay
Cadenza(VG)	2012	General Area	Smart Key	Actuation Test	Key Out Indicator
Cadenza(VG)	2012	General Area	Smart Key	Actuation Test	Immobilizer Indicator
Cadenza(VG)	2012	General Area	Smart Key	Actuation Test	External Buzzer
Cadenza(VG)	2012	General Area	Smart Key	Actuation Test	Interior Antenna
Cadenza(VG)	2012	General Area	Smart Key	Actuation Test	Interior Antenna
Cadenza(VG)	2012	General Area	Smart Key	Actuation Test	Trunk/Tailgate Antenna Active
Cadenza(VG)	2012	General Area	Smart Key	Actuation Test	Bumper/Tail Gate Antenna
Cadenza(VG)	2012	General Area	Smart Key	Actuation Test	Driver Door Handle Antenna
Cadenza(VG)	2012	General Area	Smart Key	Actuation Test	Right Door Handle Antenna
Cadenza(VG)	2012	General Area	Smart Key	Special Function	ESCL Open Status Check
Cadenza(VG)	2012	General Area	Smart Key	Special Function	Neutralization Mode
Cadenza(VG)	2012	General Area	Smart Key	Special Function	SMK Status Information

model	year	area	system	function	subfunction
Cadenza(VG)	2012	General Area	Smart Key	Special Function	ESCL Status Information
Cadenza(VG)	2012	General Area	Smart Key	Special Function	PDM Status Information
Cadenza(VG)	2012	General Area	Smart Key	Special Function	FOB KEY Status Information
Cadenza(VG)	2012	General Area	Smart Key	Special Function	Serial Communication Line Check
Cadenza(VG)	2012	General Area	Smart Key	Special Function	Antenna Status Check
Cadenza(VG)	2012	General Area	Smart Key	Special Function	Smart Key Code Saving
Cadenza(VG)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Cadenza(VG)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cadenza(VG)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cadenza(VG)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cadenza(VG)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Cadenza(VG)	2012	General Area	TCM(Transmission Control Module)	Version Information	
Cadenza(VG)	2012	General Area	TCM(Transmission Control Module)	Read Fault Code	
Cadenza(VG)	2012	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cadenza(VG)	2012	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cadenza(VG)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Cadenza(VG)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Cadenza(VG)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)

model	year	area	system	function	subfunction
Cadenza(VG)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Cadenza(VG)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Cadenza(VG)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Cadenza(VG)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Cadenza(VG)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Cadenza(VG)	2012	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Version	
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Read Fault Code	
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Clear Fault	
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Read Data	
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent

model	year	area	system	function	subfunction
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%

model	year	area	system	function	subfunction
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Cadenza(VG)	2011	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Cadenza(VG)	2011	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Cadenza(VG)	2011	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Cadenza(VG)	2011	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Cadenza(VG)	2011	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Cadenza(VG)	2011	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Cadenza(VG)	2011	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Cadenza(VG)	2011	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL failsafe position
Cadenza(VG)	2011	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL reference run
Cadenza(VG)	2011	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Version Information	
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Read Fault Code	
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Clear Fault Memory	
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Trunk release relay
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Wiper high relay
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Head lamp low signal
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear power window power
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH UP Relay
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Down Relay
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window RH UP Relay
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window RH Down Relay
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Head lamp high Output
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)

model	year	area	system	function	subfunction
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp Output
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Move STEERING COLUMN to the highest position(TILT)
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Move STEERING COLUMN to the lowest position(TILT)
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Move STEERING COLUMN at the shortest position(TELE)
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Move STEERING COLUMN at the longest position(TELE)
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Cruise Indicator
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Seatbelt Indicator
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	ACC warning buzzer
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Door open indicator
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Front fog lamp indicator
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Turn left signal indicator
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Turn right signal indicator
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the foremost position(SLIDE)
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the last position(SLIDE)

model	year	area	system	function	subfunction
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the foremost position(RECLINE)
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the last position(RECLINE)
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the highest position(FR HEIGHT)
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the lowest position(FR HEIGHT)
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the highest position(RR HEIGHT)
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the lowest position(RR HEIGHT)
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Operate DRIVE SIDE WINDOW AUTO UP
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Operate DRIVE SIDE WINDOW AUTO DOWN
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Operate DRIVE SIDE WINDOW
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Operate DRIVE SIDE WINDOW DOWN
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Move DRIVE OUTSIDE MIRROR to the highest position
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Move DRIVE OUTSIDE MIRROR to the lowest position
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Move DRIVE OUTSIDE MIRROR to the most left position

model	year	area	system	function	subfunction
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Move DRIVE OUTSIDE MIRROR to the most right position
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Operate DRIVE SIDE FOLD
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Operate DRIVE SIDE UNFOLD
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Drive Side Door Unlock
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Central door lock
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Central door unlock
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Operate ASSIST SIDE WINDOW AUTO DOWN
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Operate ASSIST SIDE WINDOW
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Operate ASSIST SIDE WINDOW DOWN
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Move ASSIST OUTSIDE MIRROR to the highest Position
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Move ASSIST OUTSIDE MIRROR to the lowest Position
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Move ASSIST OUTSIDE MIRROR to the most left Position
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Move ASSIST OUTSIDE MIRROR to the most right Position
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Operate ASSIST SIDE FOLD
Cadenza(VG)	2011	General Area	BCM(Body Control Module)	Actuation Test	Operate ASSIST SIDE UNFOLD
Cadenza(VG)	2011	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Cadenza(VG)	2011	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving

model	year	area	system	function	subfunction
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Version Information	
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Read Fault Code	
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Read Data Stream	
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4

model	year	area	system	function	subfunction
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan 1
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan 2
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2

model	year	area	system	function	subfunction
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Cadenza(VG)	2011	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Cadenza(VG)	2011	General Area	ECS(Electronic Control Suspension)	Version Information	
Cadenza(VG)	2011	General Area	ECS(Electronic Control Suspension)	Read Fault Code	
Cadenza(VG)	2011	General Area	ECS(Electronic Control Suspension)	Clear Fault Memory	
Cadenza(VG)	2011	General Area	ECS(Electronic Control Suspension)	Read Data Stream	
Cadenza(VG)	2011	General Area	ECS(Electronic Control Suspension)	Actuation Test	Actuator Control-Soft
Cadenza(VG)	2011	General Area	ECS(Electronic Control Suspension)	Actuation Test	Actuator Control-Medium
Cadenza(VG)	2011	General Area	ECS(Electronic Control Suspension)	Actuation Test	Actuator Control-Hard
Cadenza(VG)	2011	General Area	ESP(Electronic Stability Program)	Version Information	
Cadenza(VG)	2011	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Cadenza(VG)	2011	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Cadenza(VG)	2011	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Cadenza(VG)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Cadenza(VG)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Cadenza(VG)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Cadenza(VG)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Cadenza(VG)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Cadenza(VG)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front

model	year	area	system	function	subfunction
Cadenza(VG)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Cadenza(VG)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Cadenza(VG)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Cadenza(VG)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve(USV1)
Cadenza(VG)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve(USV2)
Cadenza(VG)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	ESC(ESP)Valve(HSV1)
Cadenza(VG)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	ESC(ESP)Valve(HSV2)
Cadenza(VG)	2011	General Area	ESP(Electronic Stability Program)	Special Function	Variant Coding
Cadenza(VG)	2011	General Area	ESP(Electronic Stability Program)	Special Function	Steering Angle Sensor
Cadenza(VG)	2011	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Cadenza(VG)	2011	General Area	IMMO(Immobilizer)	Read Data	
Cadenza(VG)	2011	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cadenza(VG)	2011	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cadenza(VG)	2011	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cadenza(VG)	2011	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Cadenza(VG)	2011	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cadenza(VG)	2011	General Area	LDWS(Lane Departure Warning System)	Version Information	
Cadenza(VG)	2011	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Cadenza(VG)	2011	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Cadenza(VG)	2011	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Cadenza(VG)	2011	General Area	Smart Key	Version	
Cadenza(VG)	2011	General Area	Smart Key	Read Fault Code	
Cadenza(VG)	2011	General Area	Smart Key	Clear Fault	
Cadenza(VG)	2011	General Area	Smart Key	Read Data	
Cadenza(VG)	2011	General Area	Smart Key	Actuation Test	SSB LED Amber
Cadenza(VG)	2011	General Area	Smart Key	Actuation Test	SSB LED Blue/Green
Cadenza(VG)	2011	General Area	Smart Key	Actuation Test	FOB holder illumination
Cadenza(VG)	2011	General Area	Smart Key	Actuation Test	SSB illumination

model	year	area	system	function	subfunction
Cadenza(VG)	2011	General Area	Smart Key	Actuation Test	ACC Relay
Cadenza(VG)	2011	General Area	Smart Key	Actuation Test	IGN1 Relay
Cadenza(VG)	2011	General Area	Smart Key	Actuation Test	IGN2 Relay
Cadenza(VG)	2011	General Area	Smart Key	Actuation Test	START Relay
Cadenza(VG)	2011	General Area	Smart Key	Actuation Test	Key Out Indicator
Cadenza(VG)	2011	General Area	Smart Key	Actuation Test	Immobilizer Indicator
Cadenza(VG)	2011	General Area	Smart Key	Actuation Test	External Buzzer
Cadenza(VG)	2011	General Area	Smart Key	Actuation Test	Interior Antenna
Cadenza(VG)	2011	General Area	Smart Key	Actuation Test	Interior Antenna
Cadenza(VG)	2011	General Area	Smart Key	Actuation Test	Trunk/Tailgate Antenna Active
Cadenza(VG)	2011	General Area	Smart Key	Actuation Test	Bumper/Tail Gate Antenna
Cadenza(VG)	2011	General Area	Smart Key	Actuation Test	Driver Door Handle Antenna
Cadenza(VG)	2011	General Area	Smart Key	Actuation Test	Right Door Handle Antenna
Cadenza(VG)	2011	General Area	Smart Key	Special Function	ESCL Open Status Check
Cadenza(VG)	2011	General Area	Smart Key	Special Function	Neutralization Mode
Cadenza(VG)	2011	General Area	Smart Key	Special Function	SMK Status Information
Cadenza(VG)	2011	General Area	Smart Key	Special Function	ESCL Status Information
Cadenza(VG)	2011	General Area	Smart Key	Special Function	PDM Status Information
Cadenza(VG)	2011	General Area	Smart Key	Special Function	FOB KEY Status Information
Cadenza(VG)	2011	General Area	Smart Key	Special Function	Serial Communication Line Check
Cadenza(VG)	2011	General Area	Smart Key	Special Function	Antenna Status Check
Cadenza(VG)	2011	General Area	Smart Key	Special Function	Smart Key Code Saving
Cadenza(VG)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Cadenza(VG)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cadenza(VG)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Cadenza(VG)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cadenza(VG)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Cadenza(VG)	2011	General Area	TCM(Transmission Control Module)	Version Information	
Cadenza(VG)	2011	General Area	TCM(Transmission Control Module)	Read Fault Code	
Cadenza(VG)	2011	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cadenza(VG)	2011	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cadenza(VG)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Cadenza(VG)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Cadenza(VG)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Cadenza(VG)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Cadenza(VG)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Cadenza(VG)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Cadenza(VG)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Cadenza(VG)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Cadenza(VG)	2011	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Version	
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Read Fault Code	
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Clear Fault	
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Read Data	
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off

model	year	area	system	function	subfunction
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off

model	year	area	system	function	subfunction
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Cadenza(VG)	2010	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Cadenza(VG)	2010	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Cadenza(VG)	2010	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Cadenza(VG)	2010	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Cadenza(VG)	2010	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Cadenza(VG)	2010	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Cadenza(VG)	2010	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Cadenza(VG)	2010	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL failsafe position
Cadenza(VG)	2010	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL reference run
Cadenza(VG)	2010	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Version Information	
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Read Fault Code	
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Clear Fault Memory	
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Read Data Stream	
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Trunk release relay
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Wiper high relay
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Head lamp low signal
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Rear power window power
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH UP Relay
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Down Relay
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window RH UP Relay
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window RH Down Relay

model	year	area	system	function	subfunction
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Head lamp high Output
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp Output
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Move STEERING COLUMN to the highest position(TILT)
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Move STEERING COLUMN to the lowest position(TILT)
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Move STEERING COLUMN at the shortest position(TELE)
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Move STEERING COLUMN at the longest position(TELE)

model	year	area	system	function	subfunction
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Cruise Indicator
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Seatbelt Indicator
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	ACC warning buzzer
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Door open indicator
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Front fog lamp indicator
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Turn left signal indicator
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Turn right signal indicator
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the foremost position(SLIDE)
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the last position(SLIDE)
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the foremost position(RECLINE)
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the last position(RECLINE)
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the highest position(FR HEIGHT)
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the lowest position(FR HEIGHT)
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the highest position(RR HEIGHT)
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the lowest position(RR HEIGHT)
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Operate DRIVE SIDE WINDOW AUTO UP

model	year	area	system	function	subfunction
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Operate DRIVE SIDE WINDOW AUTO DOWN
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Operate DRIVE SIDE WINDOW
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Operate DRIVE SIDE WINDOW DOWN
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Move DRIVE OUTSIDE MIRROR to the highest position
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Move DRIVE OUTSIDE MIRROR to the lowest position
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Move DRIVE OUTSIDE MIRROR to the most left position
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Move DRIVE OUTSIDE MIRROR to the most right position
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Operate DRIVE SIDE FOLD
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Operate DRIVE SIDE UNFOLD
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Drive Side Door Unlock
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Central door lock
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Central door unlock
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Operate ASSIST SIDE WINDOW AUTO DOWN
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Operate ASSIST SIDE WINDOW
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Operate ASSIST SIDE WINDOW DOWN
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Move ASSIST OUTSIDE MIRROR to the highest Position

model	year	area	system	function	subfunction
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Move ASSIST OUTSIDE MIRROR to the lowest Position
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Move ASSIST OUTSIDE MIRROR to the most left Position
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Move ASSIST OUTSIDE MIRROR to the most right Position
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Operate ASSIST SIDE FOLD
Cadenza(VG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Operate ASSIST SIDE UNFOLD
Cadenza(VG)	2010	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Cadenza(VG)	2010	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Version Information	
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Read Fault Code	
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Read Data Stream	
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1

model	year	area	system	function	subfunction
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan 1
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan 2
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Cadenza(VG)	2010	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Cadenza(VG)	2010	General Area	ESP(Electronic Stability Program)	Version Information	
Cadenza(VG)	2010	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Cadenza(VG)	2010	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Cadenza(VG)	2010	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Cadenza(VG)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Cadenza(VG)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Cadenza(VG)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front

model	year	area	system	function	subfunction
Cadenza(VG)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Cadenza(VG)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Cadenza(VG)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Cadenza(VG)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Cadenza(VG)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Cadenza(VG)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Cadenza(VG)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve(USV1)
Cadenza(VG)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve(USV2)
Cadenza(VG)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	ESC(ESP)Valve(HSV1)
Cadenza(VG)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	ESC(ESP)Valve(HSV2)
Cadenza(VG)	2010	General Area	ESP(Electronic Stability Program)	Special Function	Variant Coding
Cadenza(VG)	2010	General Area	ESP(Electronic Stability Program)	Special Function	Steering Angle Sensor
Cadenza(VG)	2010	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Cadenza(VG)	2010	General Area	IMMO(Immobilizer)	Read Data	
Cadenza(VG)	2010	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cadenza(VG)	2010	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cadenza(VG)	2010	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cadenza(VG)	2010	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Cadenza(VG)	2010	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cadenza(VG)	2010	General Area	Smart Key	Version	
Cadenza(VG)	2010	General Area	Smart Key	Read Fault Code	
Cadenza(VG)	2010	General Area	Smart Key	Clear Fault	
Cadenza(VG)	2010	General Area	Smart Key	Read Data	
Cadenza(VG)	2010	General Area	Smart Key	Actuation Test	SSB LED Amber
Cadenza(VG)	2010	General Area	Smart Key	Actuation Test	SSB LED Blue/Green
Cadenza(VG)	2010	General Area	Smart Key	Actuation Test	FOB holder illumination
Cadenza(VG)	2010	General Area	Smart Key	Actuation Test	SSB illumination
Cadenza(VG)	2010	General Area	Smart Key	Actuation Test	ACC Relay
Cadenza(VG)	2010	General Area	Smart Key	Actuation Test	IGN1 Relay

model	year	area	system	function	subfunction
Cadenza(VG)	2010	General Area	Smart Key	Actuation Test	IGN2 Relay
Cadenza(VG)	2010	General Area	Smart Key	Actuation Test	START Relay
Cadenza(VG)	2010	General Area	Smart Key	Actuation Test	Key Out Indicator
Cadenza(VG)	2010	General Area	Smart Key	Actuation Test	Immobilizer Indicator
Cadenza(VG)	2010	General Area	Smart Key	Actuation Test	External Buzzer
Cadenza(VG)	2010	General Area	Smart Key	Actuation Test	Interior Antenna
Cadenza(VG)	2010	General Area	Smart Key	Actuation Test	Interior Antenna
Cadenza(VG)	2010	General Area	Smart Key	Actuation Test	Trunk/Tailgate Antenna Active
Cadenza(VG)	2010	General Area	Smart Key	Actuation Test	Bumper/Tail Gate Antenna
Cadenza(VG)	2010	General Area	Smart Key	Actuation Test	Driver Door Handle Antenna
Cadenza(VG)	2010	General Area	Smart Key	Actuation Test	Right Door Handle Antenna
Cadenza(VG)	2010	General Area	Smart Key	Special Function	ESCL Open Status Check
Cadenza(VG)	2010	General Area	Smart Key	Special Function	Neutralization Mode
Cadenza(VG)	2010	General Area	Smart Key	Special Function	SMK Status Information
Cadenza(VG)	2010	General Area	Smart Key	Special Function	ESCL Status Information
Cadenza(VG)	2010	General Area	Smart Key	Special Function	PDM Status Information
Cadenza(VG)	2010	General Area	Smart Key	Special Function	FOB KEY Status Information
Cadenza(VG)	2010	General Area	Smart Key	Special Function	Serial Communication Line Check
Cadenza(VG)	2010	General Area	Smart Key	Special Function	Antenna Status Check
Cadenza(VG)	2010	General Area	Smart Key	Special Function	Smart Key Code Saving
Cadenza(VG)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Cadenza(VG)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cadenza(VG)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Cadenza(VG)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cadenza(VG)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Cadenza(VG)	2010	General Area	TCM(Transmission Control Module)	Version Information	
Cadenza(VG)	2010	General Area	TCM(Transmission Control Module)	Read Fault Code	
Cadenza(VG)	2010	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cadenza(VG)	2010	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cadenza(VG)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Cadenza(VG)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Cadenza(VG)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Cadenza(VG)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Cadenza(VG)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Cadenza(VG)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Cadenza(VG)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Cadenza(VG)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Cadenza(VG)	2010	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Carens(FJ)	2007	General Area	ABS(Anti-Lock Brake System)	Version Information	
Carens(FJ)	2007	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Carens(FJ)	2007	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Carens(FJ)	2007	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carens(FJ)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Carens(FJ)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Carens(FJ)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Carens(FJ)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Carens(FJ)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Carens(FJ)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Carens(FJ)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Carens(FJ)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Carens(FJ)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Carens(FJ)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Carens(FJ)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Carens(FJ)	2007	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Carens(FJ)	2007	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Version Information	
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Read Fault Code	
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Read Data Stream	
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)

model	year	area	system	function	subfunction
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Purge Control Solenoid Valve
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Valve
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type

model	year	area	system	function	subfunction
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Special Function	Ignition Test
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Carens(FJ)	2007	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Carens(FJ)	2007	General Area	IMMO(Immobilizer)	Read Data	
Carens(FJ)	2007	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Carens(FJ)	2007	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Carens(FJ)	2007	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Carens(FJ)	2007	General Area	IMMO(Immobilizer)	Special Function	Teaching
Carens(FJ)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Carens(FJ)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carens(FJ)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carens(FJ)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Carens(FJ)	2007	General Area	TCM(Transmission Control Module)	Version Information	
Carens(FJ)	2007	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carens(FJ)	2007	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carens(FJ)	2007	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carens(FJ)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Carens(FJ)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carens(FJ)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carens(FJ)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-

model	year	area	system	function	subfunction
Carens(FJ)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Carens(FJ)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Carens(FJ)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Carens(FJ)	2007	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Carens(FJ)	2006	General Area	ABS(Anti-Lock Brake System)	Version Information	
Carens(FJ)	2006	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Carens(FJ)	2006	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Carens(FJ)	2006	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carens(FJ)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Carens(FJ)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Carens(FJ)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Carens(FJ)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Carens(FJ)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Carens(FJ)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Carens(FJ)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Carens(FJ)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Carens(FJ)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Carens(FJ)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Carens(FJ)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Carens(FJ)	2006	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Carens(FJ)	2006	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Version Information	
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Read Data Stream	
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Purge Control Solenoid Valve

model	year	area	system	function	subfunction
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Valve
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Special Function	Ignition Test
Carens(FJ)	2006	General Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Carens(FJ)	2006	General Area	IMMO(Immobilizer)	Read Data	
Carens(FJ)	2006	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Carens(FJ)	2006	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Carens(FJ)	2006	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Carens(FJ)	2006	General Area	IMMO(Immobilizer)	Special Function	Teaching
Carens(FJ)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Carens(FJ)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carens(FJ)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carens(FJ)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	

model	year	area	system	function	subfunction
Carens(FJ)	2006	General Area	TCM(Transmission Control Module)	Version Information	
Carens(FJ)	2006	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carens(FJ)	2006	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carens(FJ)	2006	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carens(FJ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Carens(FJ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carens(FJ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carens(FJ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carens(FJ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Carens(FJ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Carens(FJ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Carens(FJ)	2006	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Carens(FJ)	2005	General Area	ABS(Anti-Lock Brake System)	Version Information	
Carens(FJ)	2005	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Carens(FJ)	2005	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Carens(FJ)	2005	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carens(FJ)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Carens(FJ)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Carens(FJ)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Carens(FJ)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Carens(FJ)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Carens(FJ)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Carens(FJ)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front

model	year	area	system	function	subfunction
Carens(FJ)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Carens(FJ)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Carens(FJ)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Carens(FJ)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Carens(FJ)	2005	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Carens(FJ)	2005	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Version Information	
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Read Fault Code	
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Read Data Stream	
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	MIL
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2

model	year	area	system	function	subfunction
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Purge Control Solenoid Valve
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Valve
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Special Function	AT/MT Recognition
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Special Function	Ignition Test
Carens(FJ)	2005	General Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Carens(FJ)	2005	General Area	IMMO(Immobilizer)	Read Data	
Carens(FJ)	2005	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Carens(FJ)	2005	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Carens(FJ)	2005	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode

model	year	area	system	function	subfunction
Carens(FJ)	2005	General Area	IMMO(Immobilizer)	Special Function	Teaching
Carens(FJ)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Carens(FJ)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carens(FJ)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carens(FJ)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Carens(FJ)	2005	General Area	TCM(Transmission Control Module)	Version Information	
Carens(FJ)	2005	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carens(FJ)	2005	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carens(FJ)	2005	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carens(FJ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Carens(FJ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Carens(FJ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Carens(FJ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carens(FJ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carens(FJ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carens(FJ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve
Carens(FJ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Carens(FJ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp(Sport Only)
Carens(FJ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Carens(FJ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp(Sport Only)
Carens(FJ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp

model	year	area	system	function	subfunction
Carens(FJ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp
Carens(FJ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Carens(FJ)	2005	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Carens(FJ)	2004	General Area	ABS(Anti-Lock Brake System)	Version Information	
Carens(FJ)	2004	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Carens(FJ)	2004	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Carens(FJ)	2004	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carens(FJ)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Carens(FJ)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Carens(FJ)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Carens(FJ)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Carens(FJ)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Carens(FJ)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Carens(FJ)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Carens(FJ)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Carens(FJ)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Carens(FJ)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Carens(FJ)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Carens(FJ)	2004	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Carens(FJ)	2004	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Carens(FJ)	2004	General Area	ECM(Engine Control Module)	Version Information	
Carens(FJ)	2004	General Area	ECM(Engine Control Module)	Read Fault Code	
Carens(FJ)	2004	General Area	ECM(Engine Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Carens(FJ)	2004	General Area	ECM(Engine Control Module)	Read Data Stream	
Carens(FJ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor
Carens(FJ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Carens(FJ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Carens(FJ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Carens(FJ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	MIL
Carens(FJ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Carens(FJ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Carens(FJ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Carens(FJ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve
Carens(FJ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Carens(FJ)	2004	General Area	ECM(Engine Control Module)	Special Function	AT/MT Recognition
Carens(FJ)	2004	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Carens(FJ)	2004	General Area	IMMO(Immobilizer)	Read Data	
Carens(FJ)	2004	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Carens(FJ)	2004	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Carens(FJ)	2004	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Carens(FJ)	2004	General Area	IMMO(Immobilizer)	Special Function	Teaching
Carens(FJ)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Carens(FJ)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carens(FJ)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carens(FJ)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	

model	year	area	system	function	subfunction
Carens(FJ)	2004	General Area	TCM(Transmission Control Module)	Version Information	
Carens(FJ)	2004	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carens(FJ)	2004	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carens(FJ)	2004	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carens(FJ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Carens(FJ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Carens(FJ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Carens(FJ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carens(FJ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carens(FJ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carens(FJ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve
Carens(FJ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Carens(FJ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp(Sport Only)
Carens(FJ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Carens(FJ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp(Sport Only)
Carens(FJ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Carens(FJ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp
Carens(FJ)	2003	General Area	ABS(Anti-Lock Brake System)	Version Information	
Carens(FJ)	2003	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Carens(FJ)	2003	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Carens(FJ)	2003	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carens(FJ)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor

model	year	area	system	function	subfunction
Carens(FJ)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Carens(FJ)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Carens(FJ)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Carens(FJ)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Carens(FJ)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Carens(FJ)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Carens(FJ)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Carens(FJ)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Carens(FJ)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Carens(FJ)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Carens(FJ)	2003	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Carens(FJ)	2003	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Carens(FJ)	2003	General Area	ECM(Engine Control Module)	Version Information	
Carens(FJ)	2003	General Area	ECM(Engine Control Module)	Read Fault Code	
Carens(FJ)	2003	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carens(FJ)	2003	General Area	ECM(Engine Control Module)	Read Data Stream	
Carens(FJ)	2003	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor
Carens(FJ)	2003	General Area	ECM(Engine Control Module)	Actuation Test	A/C Condenser Fan
Carens(FJ)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Carens(FJ)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Carens(FJ)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Carens(FJ)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve

model	year	area	system	function	subfunction
Carens(FJ)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve
Carens(FJ)	2003	General Area	ECM(Engine Control Module)	Special Function	AT/MT Recognition
Carens(FJ)	2003	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Carens(FJ)	2003	General Area	IMMO(Immobilizer)	Read Data	
Carens(FJ)	2003	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Carens(FJ)	2003	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Carens(FJ)	2003	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Carens(FJ)	2003	General Area	IMMO(Immobilizer)	Special Function	Teaching
Carens(FJ)	2003	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Carens(FJ)	2003	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carens(FJ)	2003	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carens(FJ)	2003	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Carens(FJ)	2003	General Area	TCM(Transmission Control Module)	Version Information	
Carens(FJ)	2003	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carens(FJ)	2003	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carens(FJ)	2003	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carens(FJ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Carens(FJ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Carens(FJ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Carens(FJ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carens(FJ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carens(FJ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carens(FJ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve

model	year	area	system	function	subfunction
Carens(FJ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Carens(FJ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp(Sport Only)
Carens(FJ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Carens(FJ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp(Sport Only)
Carens(FJ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Carens(FJ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp
Carens(FJ)	2002	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Carens(FJ)	2002	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Carens(FJ)	2002	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carens(FJ)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE/MOTOR
Carens(FJ)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE/MOTOR
Carens(FJ)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE/MOTOR
Carens(FJ)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE/MOTOR
Carens(FJ)	2002	General Area	ECM(Engine Control Module)	Read Fault Code	
Carens(FJ)	2002	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carens(FJ)	2002	General Area	ECM(Engine Control Module)	Read Data Stream	
Carens(FJ)	2002	General Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Carens(FJ)	2002	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carens(FJ)	2002	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carens(FJ)	2002	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carens(FJ)	2002	General Area	TCM(Transmission Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Carens(FJ)	2002	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carens(FJ)	2001	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Carens(FJ)	2001	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Carens(FJ)	2001	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carens(FJ)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE/MOTOR
Carens(FJ)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE/MOTOR
Carens(FJ)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE/MOTOR
Carens(FJ)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE/MOTOR
Carens(FJ)	2001	General Area	ECM(Engine Control Module)	Read Fault Code	
Carens(FJ)	2001	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carens(FJ)	2001	General Area	ECM(Engine Control Module)	Read Data Stream	
Carens(FJ)	2001	General Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Carens(FJ)	2001	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carens(FJ)	2001	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carens(FJ)	2001	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carens(FJ)	2001	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carens(FJ)	2001	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carens(FJ)	2000	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Carens(FJ)	2000	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Carens(FJ)	2000	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carens(FJ)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE/MOTOR
Carens(FJ)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE/MOTOR

model	year	area	system	function	subfunction
Carens(FJ)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE/MOTOR
Carens(FJ)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE/MOTOR
Carens(FJ)	2000	General Area	ECM(Engine Control Module)	Read Fault Code	
Carens(FJ)	2000	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carens(FJ)	2000	General Area	ECM(Engine Control Module)	Read Data Stream	
Carens(FJ)	2000	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carens(FJ)	2000	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carens(FJ)	2000	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carens(FJ)	2000	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carens(FJ)	2000	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carens(UN)	2013	General Area	AC(Air Conditioning)	Version	
Carens(UN)	2013	General Area	AC(Air Conditioning)	Read Fault Code	
Carens(UN)	2013	General Area	AC(Air Conditioning)	Clear Fault	
Carens(UN)	2013	General Area	AC(Air Conditioning)	Read Data	
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor

model	year	area	system	function	subfunction
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)

model	year	area	system	function	subfunction
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Carens(UN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Carens(UN)	2013	General Area	BCM(Body Control Module)	Version Information	
Carens(UN)	2013	General Area	BCM(Body Control Module)	Read Data Stream	
Carens(UN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Carens(UN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Carens(UN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tailgate unlock relay
Carens(UN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Carens(UN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Carens(UN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Carens(UN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Carens(UN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Starter inhibit relay
Carens(UN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Carens(UN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Carens(UN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Carens(UN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay

model	year	area	system	function	subfunction
Carens(UN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Carens(UN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Carens(UN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Carens(UN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Carens(UN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Carens(UN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Folding Mirror Relay
Carens(UN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Carens(UN)	2013	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Carens(UN)	2013	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Version Information	
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Read Fault Code	
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Read Data Stream	
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve

model	year	area	system	function	subfunction
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Clocked
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)

model	year	area	system	function	subfunction
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 5%
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 95%
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 5%
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 95%
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 5%
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 76%
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp

model	year	area	system	function	subfunction
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 5%
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 95%
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Starter Relay
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Carens(UN)	2013	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Carens(UN)	2013	General Area	ESP(Electronic Stability Program)	Version Information	
Carens(UN)	2013	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Carens(UN)	2013	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	

model	year	area	system	function	subfunction
Carens(UN)	2013	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Carens(UN)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Carens(UN)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Carens(UN)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Carens(UN)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Carens(UN)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Carens(UN)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Carens(UN)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Carens(UN)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Carens(UN)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Carens(UN)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Carens(UN)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Carens(UN)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	ASV Valve-Left Front
Carens(UN)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	ASV Valve-Right Front
Carens(UN)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Left
Carens(UN)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Right
Carens(UN)	2013	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Carens(UN)	2013	General Area	IMMO(Immobilizer)	Read Data	
Carens(UN)	2013	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Carens(UN)	2013	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Carens(UN)	2013	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Carens(UN)	2013	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Carens(UN)	2013	General Area	IMMO(Immobilizer)	Special Function	Teaching
Carens(UN)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	

model	year	area	system	function	subfunction
Carens(UN)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carens(UN)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carens(UN)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Carens(UN)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Carens(UN)	2013	General Area	TCM(Transmission Control Module)	Version Information	
Carens(UN)	2013	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carens(UN)	2013	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carens(UN)	2013	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carens(UN)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Carens(UN)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carens(UN)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Carens(UN)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Carens(UN)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Carens(UN)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Carens(UN)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Carens(UN)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
Carens(UN)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
Carens(UN)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE

model	year	area	system	function	subfunction
Carens(UN)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
Carens(UN)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
Carens(UN)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Carens(UN)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
Carens(UN)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Carens(UN)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Carens(UN)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Carens(UN)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Carens(UN)	2013	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Carens(UN)	2012	General Area	AC(Air Conditioning)	Version	
Carens(UN)	2012	General Area	AC(Air Conditioning)	Read Fault Code	
Carens(UN)	2012	General Area	AC(Air Conditioning)	Clear Fault	
Carens(UN)	2012	General Area	AC(Air Conditioning)	Read Data	
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost

model	year	area	system	function	subfunction
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%

model	year	area	system	function	subfunction
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Carens(UN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Version Information	
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Read Fault Code	
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Read Data Stream	
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	A/C COMPRESSOR
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)

model	year	area	system	function	subfunction
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 5%
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 95%
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 5%
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 95%
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 5%
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 76%
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 5%
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 95%
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Starter Relay
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)

model	year	area	system	function	subfunction
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3

model	year	area	system	function	subfunction
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Clocked
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Carens(UN)	2012	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Carens(UN)	2012	General Area	IMMO(Immobilizer)	Read Data	
Carens(UN)	2012	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Carens(UN)	2012	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Carens(UN)	2012	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Carens(UN)	2012	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Carens(UN)	2012	General Area	IMMO(Immobilizer)	Special Function	Teaching
Carens(UN)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	

model	year	area	system	function	subfunction
Carens(UN)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carens(UN)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carens(UN)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Carens(UN)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Carens(UN)	2012	General Area	TCM(Transmission Control Module)	Version Information	
Carens(UN)	2012	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carens(UN)	2012	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carens(UN)	2012	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carens(UN)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
Carens(UN)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
Carens(UN)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE
Carens(UN)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
Carens(UN)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
Carens(UN)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Carens(UN)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
Carens(UN)	2012	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Carens(UN)	2011	General Area	AC(Air Conditioning)	Version	
Carens(UN)	2011	General Area	AC(Air Conditioning)	Read Fault Code	
Carens(UN)	2011	General Area	AC(Air Conditioning)	Clear Fault	

model	year	area	system	function	subfunction
Carens(UN)	2011	General Area	AC(Air Conditioning)	Read Data	
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot

model	year	area	system	function	subfunction
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Carens(UN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Carens(UN)	2011	General Area	BCM(Body Control Module)	Version Information	
Carens(UN)	2011	General Area	BCM(Body Control Module)	Read Data Stream	
Carens(UN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay

model	year	area	system	function	subfunction
Carens(UN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Carens(UN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Tailgate unlock relay
Carens(UN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Carens(UN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Carens(UN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Carens(UN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Carens(UN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Starter inhibit relay
Carens(UN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Carens(UN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Carens(UN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Carens(UN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Carens(UN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Carens(UN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Carens(UN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Carens(UN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Carens(UN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Carens(UN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Folding Mirror Relay
Carens(UN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Carens(UN)	2011	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Carens(UN)	2011	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Version Information	
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Read Data Stream	
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	A/C COMPRESSOR
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 5%
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 95%
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 5%
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 95%
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%

model	year	area	system	function	subfunction
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 5%
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 76%
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 5%
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 95%
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Starter Relay
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)

model	year	area	system	function	subfunction
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Clocked
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function

model	year	area	system	function	subfunction
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Carens(UN)	2011	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Carens(UN)	2011	General Area	ESP(Electronic Stability Program)	Version Information	
Carens(UN)	2011	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Carens(UN)	2011	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Carens(UN)	2011	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Carens(UN)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Carens(UN)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Carens(UN)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Carens(UN)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Carens(UN)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Carens(UN)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Carens(UN)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Carens(UN)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Carens(UN)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Carens(UN)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front

model	year	area	system	function	subfunction
Carens(UN)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Carens(UN)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	ASV Valve-Left Front
Carens(UN)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	ASV Valve-Right Front
Carens(UN)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Left
Carens(UN)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Right
Carens(UN)	2011	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Carens(UN)	2011	General Area	IMMO(Immobilizer)	Read Data	
Carens(UN)	2011	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Carens(UN)	2011	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Carens(UN)	2011	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Carens(UN)	2011	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Carens(UN)	2011	General Area	IMMO(Immobilizer)	Special Function	Teaching
Carens(UN)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Carens(UN)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carens(UN)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carens(UN)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Carens(UN)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Carens(UN)	2011	General Area	TCM(Transmission Control Module)	Version Information	
Carens(UN)	2011	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carens(UN)	2011	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carens(UN)	2011	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carens(UN)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear

model	year	area	system	function	subfunction
Carens(UN)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carens(UN)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Carens(UN)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Carens(UN)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Carens(UN)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Carens(UN)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Carens(UN)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Carens(UN)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Carens(UN)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Carens(UN)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Carens(UN)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
Carens(UN)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
Carens(UN)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE
Carens(UN)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
Carens(UN)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
Carens(UN)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Carens(UN)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
Carens(UN)	2011	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Carens(UN)	2010	General Area	AC(Air Conditioning)	Version	
Carens(UN)	2010	General Area	AC(Air Conditioning)	Read Fault Code	
Carens(UN)	2010	General Area	AC(Air Conditioning)	Clear Fault	

model	year	area	system	function	subfunction
Carens(UN)	2010	General Area	AC(Air Conditioning)	Read Data	
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot

model	year	area	system	function	subfunction
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Carens(UN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Carens(UN)	2010	General Area	BCM(Body Control Module)	Version Information	
Carens(UN)	2010	General Area	BCM(Body Control Module)	Read Data Stream	
Carens(UN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay

model	year	area	system	function	subfunction
Carens(UN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Carens(UN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Tailgate unlock relay
Carens(UN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Carens(UN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Carens(UN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Carens(UN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Carens(UN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Starter inhibit relay
Carens(UN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Carens(UN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Carens(UN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Carens(UN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Carens(UN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Carens(UN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Carens(UN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Carens(UN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Carens(UN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Carens(UN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Folding Mirror Relay
Carens(UN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Carens(UN)	2010	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Carens(UN)	2010	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Version Information	
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Read Data Stream	
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve

model	year	area	system	function	subfunction
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Clocked
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type

model	year	area	system	function	subfunction
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Carens(UN)	2010	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Carens(UN)	2010	General Area	ESP(Electronic Stability Program)	Version Information	
Carens(UN)	2010	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Carens(UN)	2010	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Carens(UN)	2010	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Carens(UN)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Carens(UN)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Carens(UN)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Carens(UN)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Carens(UN)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Carens(UN)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Carens(UN)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Carens(UN)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Carens(UN)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Carens(UN)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Carens(UN)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Carens(UN)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	ASV Valve-Left Front
Carens(UN)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	ASV Valve-Right Front
Carens(UN)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Left
Carens(UN)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Right
Carens(UN)	2010	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Carens(UN)	2010	General Area	IMMO(Immobilizer)	Read Data	

model	year	area	system	function	subfunction
Carens(UN)	2010	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Carens(UN)	2010	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Carens(UN)	2010	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Carens(UN)	2010	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Carens(UN)	2010	General Area	IMMO(Immobilizer)	Special Function	Teaching
Carens(UN)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Carens(UN)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carens(UN)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carens(UN)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Carens(UN)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Carens(UN)	2010	General Area	TCM(Transmission Control Module)	Version Information	
Carens(UN)	2010	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carens(UN)	2010	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carens(UN)	2010	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carens(UN)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Carens(UN)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carens(UN)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Carens(UN)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Carens(UN)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Carens(UN)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Carens(UN)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp

model	year	area	system	function	subfunction
Carens(UN)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Carens(UN)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Carens(UN)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Carens(UN)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Carens(UN)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
Carens(UN)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
Carens(UN)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE
Carens(UN)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
Carens(UN)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
Carens(UN)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Carens(UN)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
Carens(UN)	2010	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Carens(UN)	2009	General Area	AC(Air Conditioning)	Version	
Carens(UN)	2009	General Area	AC(Air Conditioning)	Read Fault Code	
Carens(UN)	2009	General Area	AC(Air Conditioning)	Clear Fault	
Carens(UN)	2009	General Area	AC(Air Conditioning)	Read Data	
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High

model	year	area	system	function	subfunction
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face

model	year	area	system	function	subfunction
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Carens(UN)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Carens(UN)	2009	General Area	BCM(Body Control Module)	Version Information	
Carens(UN)	2009	General Area	BCM(Body Control Module)	Read Data Stream	
Carens(UN)	2009	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Carens(UN)	2009	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Carens(UN)	2009	General Area	BCM(Body Control Module)	Actuation Test	Tailgate unlock relay
Carens(UN)	2009	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Carens(UN)	2009	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Carens(UN)	2009	General Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)

model	year	area	system	function	subfunction
Carens(UN)	2009	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Carens(UN)	2009	General Area	BCM(Body Control Module)	Actuation Test	Starter inhibit relay
Carens(UN)	2009	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Carens(UN)	2009	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Carens(UN)	2009	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Carens(UN)	2009	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Carens(UN)	2009	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Carens(UN)	2009	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Carens(UN)	2009	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Carens(UN)	2009	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Carens(UN)	2009	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Carens(UN)	2009	General Area	BCM(Body Control Module)	Actuation Test	Folding Mirror Relay
Carens(UN)	2009	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Carens(UN)	2009	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Carens(UN)	2009	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Version Information	
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Read Fault Code	
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Read Data Stream	
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC

model	year	area	system	function	subfunction
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1

model	year	area	system	function	subfunction
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Clocked
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Carens(UN)	2009	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Carens(UN)	2009	General Area	ESP(Electronic Stability Program)	Version Information	
Carens(UN)	2009	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Carens(UN)	2009	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	

model	year	area	system	function	subfunction
Carens(UN)	2009	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Carens(UN)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Carens(UN)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Carens(UN)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Carens(UN)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Carens(UN)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Carens(UN)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Carens(UN)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Carens(UN)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Carens(UN)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Carens(UN)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Carens(UN)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Carens(UN)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	ASV Valve-Left Front
Carens(UN)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	ASV Valve-Right Front
Carens(UN)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Left
Carens(UN)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Right
Carens(UN)	2009	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Carens(UN)	2009	General Area	IMMO(Immobilizer)	Read Data	
Carens(UN)	2009	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Carens(UN)	2009	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Carens(UN)	2009	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Carens(UN)	2009	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Carens(UN)	2009	General Area	IMMO(Immobilizer)	Special Function	Teaching
Carens(UN)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	

model	year	area	system	function	subfunction
Carens(UN)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carens(UN)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carens(UN)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Carens(UN)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Carens(UN)	2009	General Area	TCM(Transmission Control Module)	Version Information	
Carens(UN)	2009	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carens(UN)	2009	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carens(UN)	2009	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carens(UN)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Carens(UN)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carens(UN)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Carens(UN)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Carens(UN)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Carens(UN)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Carens(UN)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Carens(UN)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Carens(UN)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Carens(UN)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Carens(UN)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Carens(UN)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)

model	year	area	system	function	subfunction
Carens(UN)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
Carens(UN)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE
Carens(UN)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
Carens(UN)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
Carens(UN)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Carens(UN)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
Carens(UN)	2009	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Carens(UN)	2008	General Area	ABS(Anti-Lock Brake System)	Version Information	
Carens(UN)	2008	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Carens(UN)	2008	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Carens(UN)	2008	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carens(UN)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Carens(UN)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Carens(UN)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Carens(UN)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Carens(UN)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Carens(UN)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Carens(UN)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Carens(UN)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Carens(UN)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear

model	year	area	system	function	subfunction
Carens(UN)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Carens(UN)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Carens(UN)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
Carens(UN)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
Carens(UN)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
Carens(UN)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
Carens(UN)	2008	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Carens(UN)	2008	General Area	AC(Air Conditioning)	Version	
Carens(UN)	2008	General Area	AC(Air Conditioning)	Read Fault Code	
Carens(UN)	2008	General Area	AC(Air Conditioning)	Clear Fault	
Carens(UN)	2008	General Area	AC(Air Conditioning)	Read Data	
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation

model	year	area	system	function	subfunction
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%

model	year	area	system	function	subfunction
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Carens(UN)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Carens(UN)	2008	General Area	BCM(Body Control Module)	Version Information	
Carens(UN)	2008	General Area	BCM(Body Control Module)	Read Data Stream	
Carens(UN)	2008	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Carens(UN)	2008	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Carens(UN)	2008	General Area	BCM(Body Control Module)	Actuation Test	Tailgate unlock relay
Carens(UN)	2008	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Carens(UN)	2008	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Carens(UN)	2008	General Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Carens(UN)	2008	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Carens(UN)	2008	General Area	BCM(Body Control Module)	Actuation Test	Starter inhibit relay
Carens(UN)	2008	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Carens(UN)	2008	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Carens(UN)	2008	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Carens(UN)	2008	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Carens(UN)	2008	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Carens(UN)	2008	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)

model	year	area	system	function	subfunction
Carens(UN)	2008	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Carens(UN)	2008	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Carens(UN)	2008	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Carens(UN)	2008	General Area	BCM(Body Control Module)	Actuation Test	Folding Mirror Relay
Carens(UN)	2008	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Carens(UN)	2008	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Carens(UN)	2008	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Version Information	
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Read Fault Code	
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Read Data Stream	
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve

model	year	area	system	function	subfunction
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Clocked
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration

model	year	area	system	function	subfunction
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Carens(UN)	2008	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Carens(UN)	2008	General Area	IMMO(Immobilizer)	Read Data	
Carens(UN)	2008	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Carens(UN)	2008	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Carens(UN)	2008	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Carens(UN)	2008	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Carens(UN)	2008	General Area	IMMO(Immobilizer)	Special Function	Teaching
Carens(UN)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Carens(UN)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carens(UN)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carens(UN)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Carens(UN)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Carens(UN)	2008	General Area	TCM(Transmission Control Module)	Version Information	
Carens(UN)	2008	General Area	TCM(Transmission Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Carens(UN)	2008	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carens(UN)	2008	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carens(UN)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Carens(UN)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carens(UN)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Carens(UN)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Carens(UN)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Carens(UN)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Carens(UN)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Carens(UN)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Carens(UN)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Carens(UN)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Carens(UN)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Carens(UN)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Carens(UN)	2008	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Carens(UN)	2007	General Area	ABS(Anti-Lock Brake System)	Version Information	
Carens(UN)	2007	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Carens(UN)	2007	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Carens(UN)	2007	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carens(UN)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Carens(UN)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Carens(UN)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front

model	year	area	system	function	subfunction
Carens(UN)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Carens(UN)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Carens(UN)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Carens(UN)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Carens(UN)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Carens(UN)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Carens(UN)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Carens(UN)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Carens(UN)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
Carens(UN)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
Carens(UN)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
Carens(UN)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
Carens(UN)	2007	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Carens(UN)	2007	General Area	AC(Air Conditioning)	Version	
Carens(UN)	2007	General Area	AC(Air Conditioning)	Read Fault Code	
Carens(UN)	2007	General Area	AC(Air Conditioning)	Clear Fault	
Carens(UN)	2007	General Area	AC(Air Conditioning)	Read Data	
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%

model	year	area	system	function	subfunction
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open

model	year	area	system	function	subfunction
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Carens(UN)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Carens(UN)	2007	General Area	BCM(Body Control Module)	Version Information	
Carens(UN)	2007	General Area	BCM(Body Control Module)	Read Data Stream	
Carens(UN)	2007	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Carens(UN)	2007	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Carens(UN)	2007	General Area	BCM(Body Control Module)	Actuation Test	Tailgate unlock relay
Carens(UN)	2007	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Carens(UN)	2007	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Carens(UN)	2007	General Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Carens(UN)	2007	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Carens(UN)	2007	General Area	BCM(Body Control Module)	Actuation Test	Starter inhibit relay
Carens(UN)	2007	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay

model	year	area	system	function	subfunction
Carens(UN)	2007	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Carens(UN)	2007	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Carens(UN)	2007	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Carens(UN)	2007	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Carens(UN)	2007	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Carens(UN)	2007	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Carens(UN)	2007	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Carens(UN)	2007	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Carens(UN)	2007	General Area	BCM(Body Control Module)	Actuation Test	Folding Mirror Relay
Carens(UN)	2007	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Carens(UN)	2007	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Carens(UN)	2007	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Version Information	
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Read Fault Code	
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Read Data Stream	
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low

model	year	area	system	function	subfunction
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve

model	year	area	system	function	subfunction
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Clocked
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Carens(UN)	2007	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Carens(UN)	2007	General Area	IMMO(Immobilizer)	Read Data	
Carens(UN)	2007	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Carens(UN)	2007	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Carens(UN)	2007	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Carens(UN)	2007	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Carens(UN)	2007	General Area	IMMO(Immobilizer)	Special Function	Teaching
Carens(UN)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Carens(UN)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carens(UN)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Carens(UN)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Carens(UN)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Carens(UN)	2007	General Area	TCM(Transmission Control Module)	Version Information	
Carens(UN)	2007	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carens(UN)	2007	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carens(UN)	2007	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carens(UN)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Carens(UN)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carens(UN)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Carens(UN)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Carens(UN)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Carens(UN)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Carens(UN)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Carens(UN)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Carens(UN)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Carens(UN)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Carens(UN)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Carens(UN)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Carens(UN)	2007	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Carens/Rondo(RP)	2016	General Area	ABS(Anti-Lock Brake System)	Version Information	
Carens/Rondo(RP)	2016	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2016	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Carens/Rondo(RP)	2016	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carens/Rondo(RP)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Carens/Rondo(RP)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Carens/Rondo(RP)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Warning Lamp
Carens/Rondo(RP)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Status Lamp
Carens/Rondo(RP)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Carens/Rondo(RP)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Carens/Rondo(RP)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Carens/Rondo(RP)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Carens/Rondo(RP)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Carens/Rondo(RP)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Carens/Rondo(RP)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Carens/Rondo(RP)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Carens/Rondo(RP)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Carens/Rondo(RP)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Carens/Rondo(RP)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Carens/Rondo(RP)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
Carens/Rondo(RP)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
Carens/Rondo(RP)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Carens/Rondo(RP)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Carens/Rondo(RP)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Carens/Rondo(RP)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	EPB Variant Coding
Carens/Rondo(RP)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	G-Sensor Calibration
Carens/Rondo(RP)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	PAD Change Mode
Carens/Rondo(RP)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Carens/Rondo(RP)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Carens/Rondo(RP)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Version Information	
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Read Fault Code	
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Clear Fault Memory	
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Read Data Stream	
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Carens/Rondo(RP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Carens/Rondo(RP)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Carens/Rondo(RP)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Carens/Rondo(RP)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Carens/Rondo(RP)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Carens/Rondo(RP)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Actuator 20%
Carens/Rondo(RP)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Actuator 80%
Carens/Rondo(RP)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Sensor Origin Point

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Setting&Zero position Initial
Carens/Rondo(RP)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Version Information	
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Read Fault Code	
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Clear Fault Memory	
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Read Data Stream	
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Special Function	CLU Variant Coding
Carens/Rondo(RP)	2016	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting
Carens/Rondo(RP)	2016	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Carens/Rondo(RP)	2016	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Version Information	
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Read Fault Code	
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Read Data Stream	
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Electrical Water Heater
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PTC Relay
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Main Water Pump
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #1 Actuation
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #2 Actuation
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #3 Actuation
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #4 Actuation
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Relay
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GRU(Glow Relay Unit)15%Duty
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 10%
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 90%

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 10%
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 90%
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 10%
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 90%
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 5%
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 95%
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed PWM Output
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 5%
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 95%
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 5%
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 95%
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 5%
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 95%
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control Actuator(2000
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Carens/Rondo(RP)	2016	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Carens/Rondo(RP)	2016	General Area	IMMO(Immobilizer)	Read Fault Code	
Carens/Rondo(RP)	2016	General Area	IMMO(Immobilizer)	Clear Fault Memory	
Carens/Rondo(RP)	2016	General Area	IMMO(Immobilizer)	Read Data Stream	
Carens/Rondo(RP)	2016	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Carens/Rondo(RP)	2016	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Carens/Rondo(RP)	2016	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Carens/Rondo(RP)	2016	General Area	IMMO(Immobilizer)	Special Function	Teaching
Carens/Rondo(RP)	2016	General Area	LDWS(Lane Departure Warning System)	Version Information	
Carens/Rondo(RP)	2016	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Carens/Rondo(RP)	2016	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Carens/Rondo(RP)	2016	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Carens/Rondo(RP)	2016	General Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Variant Coding
Carens/Rondo(RP)	2016	General Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Reference Point Calibration
Carens/Rondo(RP)	2016	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Carens/Rondo(RP)	2016	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Carens/Rondo(RP)	2016	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Carens/Rondo(RP)	2016	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Carens/Rondo(RP)	2016	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2016	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration(CAN)
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Version Information	
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Read Fault Code	
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Clear Fault Memory	
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Read Data Stream	
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED White
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Actuation Test	ACC Relay
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Actuation Test	Starter Relay
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Actuation Test	External Buzzer
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna 1
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna 2

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna 3
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Special Function	Neutralization Mode
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Special Function	SMK Status Information
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Special Function	ESCL Status Information
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Carens/Rondo(RP)	2016	General Area	Smart Key Unit	Special Function	Antenna Status Check
Carens/Rondo(RP)	2016	General Area	SPAS(Smart Parking Assist System)	Version Information	
Carens/Rondo(RP)	2016	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Carens/Rondo(RP)	2016	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Carens/Rondo(RP)	2016	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Carens/Rondo(RP)	2016	General Area	SPAS(Smart Parking Assist System)	Actuation Test	Speaker Activation
Carens/Rondo(RP)	2016	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2016	General Area	SPAS(Smart Parking Assist System)	Special Function	SPAS Variant Coding
Carens/Rondo(RP)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Carens/Rondo(RP)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carens/Rondo(RP)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carens/Rondo(RP)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Carens/Rondo(RP)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Carens/Rondo(RP)	2016	General Area	TCM(Transmission Control Module)	Version Information	
Carens/Rondo(RP)	2016	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carens/Rondo(RP)	2016	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carens/Rondo(RP)	2016	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carens/Rondo(RP)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Carens/Rondo(RP)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Carens/Rondo(RP)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Carens/Rondo(RP)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Carens/Rondo(RP)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Carens/Rondo(RP)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Carens/Rondo(RP)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Carens/Rondo(RP)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Clutch Reference Position Check
Carens/Rondo(RP)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Clutch(20mm)
Carens/Rondo(RP)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Clutch(20mm)
Carens/Rondo(RP)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Both Clutch(20mm)
Carens/Rondo(RP)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Self Opening of Odd Clutch
Carens/Rondo(RP)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Self Opening of Even Clutch
Carens/Rondo(RP)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Gear Actuator Reference Check
Carens/Rondo(RP)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(1st Gear)
Carens/Rondo(RP)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(2nd Gear)
Carens/Rondo(RP)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(3rd Gear)
Carens/Rondo(RP)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(4th Gear)
Carens/Rondo(RP)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(5th Gear)
Carens/Rondo(RP)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(6th Gear)
Carens/Rondo(RP)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(7th Gear)
Carens/Rondo(RP)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(R Gear)
Carens/Rondo(RP)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Gear Neutral
Carens/Rondo(RP)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Lug Alignment
Carens/Rondo(RP)	2016	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Carens/Rondo(RP)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Carens/Rondo(RP)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Carens/Rondo(RP)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Carens/Rondo(RP)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Carens/Rondo(RP)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Carens/Rondo(RP)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Carens/Rondo(RP)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Carens/Rondo(RP)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Carens/Rondo(RP)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Carens/Rondo(RP)	2015	General Area	ABS(Anti-Lock Brake System)	Version Information	
Carens/Rondo(RP)	2015	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Carens/Rondo(RP)	2015	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Carens/Rondo(RP)	2015	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carens/Rondo(RP)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Carens/Rondo(RP)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Carens/Rondo(RP)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Warning Lamp
Carens/Rondo(RP)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Status Lamp
Carens/Rondo(RP)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Carens/Rondo(RP)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Carens/Rondo(RP)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Carens/Rondo(RP)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Carens/Rondo(RP)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Carens/Rondo(RP)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Carens/Rondo(RP)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Carens/Rondo(RP)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Carens/Rondo(RP)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Carens/Rondo(RP)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Carens/Rondo(RP)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
Carens/Rondo(RP)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
Carens/Rondo(RP)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Carens/Rondo(RP)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Carens/Rondo(RP)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Carens/Rondo(RP)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Carens/Rondo(RP)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	EPB Variant Coding
Carens/Rondo(RP)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	G-Sensor Calibration
Carens/Rondo(RP)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	PAD Change Mode
Carens/Rondo(RP)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Carens/Rondo(RP)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Carens/Rondo(RP)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Version Information	
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Read Fault Code	
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Clear Fault Memory	
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Read Data Stream	
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Compressor On

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Carens/Rondo(RP)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Carens/Rondo(RP)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Carens/Rondo(RP)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Carens/Rondo(RP)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Carens/Rondo(RP)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Carens/Rondo(RP)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Actuator 20%
Carens/Rondo(RP)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Actuator 80%
Carens/Rondo(RP)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Sensor Origin Point
Carens/Rondo(RP)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Setting&Zero position Initial
Carens/Rondo(RP)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Version Information	
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Read Fault Code	
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Clear Fault Memory	
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Read Data Stream	
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	AV Tail

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Special Function	CLU Variant Coding
Carens/Rondo(RP)	2015	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting
Carens/Rondo(RP)	2015	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Carens/Rondo(RP)	2015	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Version Information	
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Read Fault Code	
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Read Data Stream	
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay(M/T Only)
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 5%
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 95%
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 5%
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 95%
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Special Function	Essential Work After Component Replacement
Carens/Rondo(RP)	2015	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Carens/Rondo(RP)	2015	General Area	IMMO(Immobilizer)	Read Fault Code	
Carens/Rondo(RP)	2015	General Area	IMMO(Immobilizer)	Clear Fault Memory	
Carens/Rondo(RP)	2015	General Area	IMMO(Immobilizer)	Read Data Stream	
Carens/Rondo(RP)	2015	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Carens/Rondo(RP)	2015	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Carens/Rondo(RP)	2015	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Carens/Rondo(RP)	2015	General Area	IMMO(Immobilizer)	Special Function	Teaching
Carens/Rondo(RP)	2015	General Area	LDWS(Lane Departure Warning System)	Version Information	
Carens/Rondo(RP)	2015	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Carens/Rondo(RP)	2015	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Carens/Rondo(RP)	2015	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2015	General Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Variant Coding
Carens/Rondo(RP)	2015	General Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Reference Point Calibration
Carens/Rondo(RP)	2015	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Carens/Rondo(RP)	2015	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Carens/Rondo(RP)	2015	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Carens/Rondo(RP)	2015	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Carens/Rondo(RP)	2015	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Carens/Rondo(RP)	2015	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration(CAN)
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Version Information	
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Read Fault Code	
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Clear Fault Memory	
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Read Data Stream	
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED White
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Actuation Test	ACC Relay
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Actuation Test	Starter Relay

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Actuation Test	External Buzzer
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna 1
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna 2
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna 3
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Special Function	Neutralization Mode
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Special Function	SMK Status Information
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Special Function	ESCL Status Information
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Special Function	Serial Communication Line Check

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2015	General Area	Smart Key Unit	Special Function	Antenna Status Check
Carens/Rondo(RP)	2015	General Area	SPAS(Smart Parking Assist System)	Version Information	
Carens/Rondo(RP)	2015	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Carens/Rondo(RP)	2015	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Carens/Rondo(RP)	2015	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Carens/Rondo(RP)	2015	General Area	SPAS(Smart Parking Assist System)	Actuation Test	Speaker Activation
Carens/Rondo(RP)	2015	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation
Carens/Rondo(RP)	2015	General Area	SPAS(Smart Parking Assist System)	Special Function	SPAS Variant Coding
Carens/Rondo(RP)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Carens/Rondo(RP)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carens/Rondo(RP)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carens/Rondo(RP)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Carens/Rondo(RP)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Carens/Rondo(RP)	2015	General Area	TCM(Transmission Control Module)	Version Information	
Carens/Rondo(RP)	2015	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carens/Rondo(RP)	2015	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carens/Rondo(RP)	2015	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carens/Rondo(RP)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Carens/Rondo(RP)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Carens/Rondo(RP)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Carens/Rondo(RP)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Carens/Rondo(RP)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Carens/Rondo(RP)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Carens/Rondo(RP)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Carens/Rondo(RP)	2015	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Carens/Rondo(RP)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Carens/Rondo(RP)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Carens/Rondo(RP)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Carens/Rondo(RP)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Carens/Rondo(RP)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Carens/Rondo(RP)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Carens/Rondo(RP)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Carens/Rondo(RP)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Carens/Rondo(RP)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Carens/Rondo(RP)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Carens/Rondo(RP)	2014	General Area	ABS(Anti-Lock Brake System)	Version Information	
Carens/Rondo(RP)	2014	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Carens/Rondo(RP)	2014	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2014	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carens/Rondo(RP)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Carens/Rondo(RP)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Carens/Rondo(RP)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Warning Lamp
Carens/Rondo(RP)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Status Lamp
Carens/Rondo(RP)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Carens/Rondo(RP)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Carens/Rondo(RP)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Carens/Rondo(RP)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Carens/Rondo(RP)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Carens/Rondo(RP)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Carens/Rondo(RP)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Carens/Rondo(RP)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Carens/Rondo(RP)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Carens/Rondo(RP)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Carens/Rondo(RP)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Carens/Rondo(RP)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
Carens/Rondo(RP)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
Carens/Rondo(RP)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Carens/Rondo(RP)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Carens/Rondo(RP)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Carens/Rondo(RP)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	EPB Variant Coding
Carens/Rondo(RP)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	G-Sensor Calibration
Carens/Rondo(RP)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	PAD Change Mode
Carens/Rondo(RP)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Carens/Rondo(RP)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Carens/Rondo(RP)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Version Information	
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Read Fault Code	
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Clear Fault Memory	
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Read Data Stream	
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Carens/Rondo(RP)	2014	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Carens/Rondo(RP)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Carens/Rondo(RP)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Carens/Rondo(RP)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Carens/Rondo(RP)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Carens/Rondo(RP)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Actuator 20%
Carens/Rondo(RP)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Actuator 80%
Carens/Rondo(RP)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Sensor Origin Point
Carens/Rondo(RP)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Setting&Zero position Initial

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Version Information	
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Read Fault Code	
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Clear Fault Memory	
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Read Data Stream	
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Special Function	CLU Variant Coding
Carens/Rondo(RP)	2014	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting
Carens/Rondo(RP)	2014	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Carens/Rondo(RP)	2014	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Version Information	
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Read Fault Code	
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Read Data Stream	
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay(M/T Only)
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 5%

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 95%
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 5%
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 95%
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Special Function	Essential Work After Component Replacement

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2014	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Carens/Rondo(RP)	2014	General Area	IMMO(Immobilizer)	Read Fault Code	
Carens/Rondo(RP)	2014	General Area	IMMO(Immobilizer)	Clear Fault Memory	
Carens/Rondo(RP)	2014	General Area	IMMO(Immobilizer)	Read Data Stream	
Carens/Rondo(RP)	2014	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Carens/Rondo(RP)	2014	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Carens/Rondo(RP)	2014	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Carens/Rondo(RP)	2014	General Area	IMMO(Immobilizer)	Special Function	Teaching
Carens/Rondo(RP)	2014	General Area	LDWS(Lane Departure Warning System)	Version Information	
Carens/Rondo(RP)	2014	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Carens/Rondo(RP)	2014	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Carens/Rondo(RP)	2014	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Carens/Rondo(RP)	2014	General Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Variant Coding
Carens/Rondo(RP)	2014	General Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Reference Point Calibration
Carens/Rondo(RP)	2014	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Carens/Rondo(RP)	2014	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Carens/Rondo(RP)	2014	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Carens/Rondo(RP)	2014	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Carens/Rondo(RP)	2014	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Carens/Rondo(RP)	2014	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration(CAN)
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Version Information	
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Read Fault Code	
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Clear Fault Memory	

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Read Data Stream	
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Actuation Test	SSB LED White
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Actuation Test	ACC Relay
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Actuation Test	Starter Relay
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Actuation Test	External Buzzer
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna 1
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna 2
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna 3
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Special Function	Neutralization Mode
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Special Function	SMK Status Information
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Special Function	ESCL Status Information
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Carens/Rondo(RP)	2014	General Area	Smart Key Unit	Special Function	Antenna Status Check
Carens/Rondo(RP)	2014	General Area	SPAS(Smart Parking Assist System)	Version Information	
Carens/Rondo(RP)	2014	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Carens/Rondo(RP)	2014	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Carens/Rondo(RP)	2014	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Carens/Rondo(RP)	2014	General Area	SPAS(Smart Parking Assist System)	Actuation Test	Speaker Activation
Carens/Rondo(RP)	2014	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation
Carens/Rondo(RP)	2014	General Area	SPAS(Smart Parking Assist System)	Special Function	SPAS Variant Coding
Carens/Rondo(RP)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Carens/Rondo(RP)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carens/Rondo(RP)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Carens/Rondo(RP)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Carens/Rondo(RP)	2014	General Area	TCM(Transmission Control Module)	Version Information	
Carens/Rondo(RP)	2014	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carens/Rondo(RP)	2014	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carens/Rondo(RP)	2014	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carens/Rondo(RP)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Carens/Rondo(RP)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Carens/Rondo(RP)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Carens/Rondo(RP)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Carens/Rondo(RP)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Carens/Rondo(RP)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Carens/Rondo(RP)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Carens/Rondo(RP)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Carens/Rondo(RP)	2014	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Carens/Rondo(RP)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	

model	year	area	system	function	subfunction
Carens/Rondo(RP)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Carens/Rondo(RP)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Carens/Rondo(RP)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Carens/Rondo(RP)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Carens/Rondo(RP)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Carens/Rondo(RP)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Carens/Rondo(RP)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Carens/Rondo(RP)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Carens/Rondo(RP)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Carnival/Sedona(GQ)	2006	General Area	ABS(Anti-Lock Brake System)	Version Information	
Carnival/Sedona(GQ)	2006	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Carnival/Sedona(GQ)	2006	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Carnival/Sedona(GQ)	2006	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carnival/Sedona(GQ)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Carnival/Sedona(GQ)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Carnival/Sedona(GQ)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Carnival/Sedona(GQ)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Carnival/Sedona(GQ)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Carnival/Sedona(GQ)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Carnival/Sedona(GQ)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Carnival/Sedona(GQ)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Carnival/Sedona(GQ)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Carnival/Sedona(GQ)	2006	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode

model	year	area	system	function	subfunction
Carnival/Sedona(GQ)	2006	General Area	ECM(Engine Control Module)	Version Information	
Carnival/Sedona(GQ)	2006	General Area	ECM(Engine Control Module)	Read Fault Code	
Carnival/Sedona(GQ)	2006	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carnival/Sedona(GQ)	2006	General Area	ECM(Engine Control Module)	Read Data Stream	
Carnival/Sedona(GQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Carnival/Sedona(GQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Carnival/Sedona(GQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Carnival/Sedona(GQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Carnival/Sedona(GQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Carnival/Sedona(GQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Air Heater Lamp Drive
Carnival/Sedona(GQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Carnival/Sedona(GQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	A/C Fan Relay
Carnival/Sedona(GQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Inlet Metering Valve
Carnival/Sedona(GQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Air Heater Relay
Carnival/Sedona(GQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay
Carnival/Sedona(GQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Carnival/Sedona(GQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Carnival/Sedona(GQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Carnival/Sedona(GQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Carnival/Sedona(GQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Carnival/Sedona(GQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Carnival/Sedona(GQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve

model	year	area	system	function	subfunction
Carnival/Sedona(GQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Carnival/Sedona(GQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Carnival/Sedona(GQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,5
Carnival/Sedona(GQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#3,6
Carnival/Sedona(GQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Carnival/Sedona(GQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Carnival/Sedona(GQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Carnival/Sedona(GQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Carnival/Sedona(GQ)	2006	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Carnival/Sedona(GQ)	2006	General Area	ECM(Engine Control Module)	Special Function	ECU Initialization
Carnival/Sedona(GQ)	2006	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
Carnival/Sedona(GQ)	2006	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Adjust Mode
Carnival/Sedona(GQ)	2006	General Area	IMMO(Immobilizer)	Read Data Stream	
Carnival/Sedona(GQ)	2006	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Carnival/Sedona(GQ)	2006	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Carnival/Sedona(GQ)	2006	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Carnival/Sedona(GQ)	2006	General Area	IMMO(Immobilizer)	Special Function	Teaching
Carnival/Sedona(GQ)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carnival/Sedona(GQ)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carnival/Sedona(GQ)	2006	General Area	TCM(Transmission Control Module)	Version Information	
Carnival/Sedona(GQ)	2006	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carnival/Sedona(GQ)	2006	General Area	TCM(Transmission Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Carnival/Sedona(GQ)	2006	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carnival/Sedona(GQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-#1
Carnival/Sedona(GQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-#2
Carnival/Sedona(GQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Lock Up Solenoid
Carnival/Sedona(GQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Carnival/Sedona(GQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Carnival/Sedona(GQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(GQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(GQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(GQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Vlave(5 A/T Only)
Carnival/Sedona(GQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Carnival/Sedona(GQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp(Sport Only)
Carnival/Sedona(GQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator
Carnival/Sedona(GQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp(Sport Only)
Carnival/Sedona(GQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp(Sport Only)
Carnival/Sedona(GQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Sport Only)
Carnival/Sedona(GQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Carnival/Sedona(GQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Carnival/Sedona(GQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Low/Reverse Solenoid Valve
Carnival/Sedona(GQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Under Drive Solenoid Valve
Carnival/Sedona(GQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Carnival/Sedona(GQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve

model	year	area	system	function	subfunction
Carnival/Sedona(GQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve
Carnival/Sedona(GQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Prohibit Inteligent Shift
Carnival/Sedona(GQ)	2005	General Area	ABS(Anti-Lock Brake System)	Version Information	
Carnival/Sedona(GQ)	2005	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Carnival/Sedona(GQ)	2005	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Carnival/Sedona(GQ)	2005	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carnival/Sedona(GQ)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Carnival/Sedona(GQ)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Carnival/Sedona(GQ)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Carnival/Sedona(GQ)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Carnival/Sedona(GQ)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Carnival/Sedona(GQ)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Carnival/Sedona(GQ)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Carnival/Sedona(GQ)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Carnival/Sedona(GQ)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Carnival/Sedona(GQ)	2005	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Carnival/Sedona(GQ)	2005	General Area	ECM(Engine Control Module)	Version Information	
Carnival/Sedona(GQ)	2005	General Area	ECM(Engine Control Module)	Read Fault Code	
Carnival/Sedona(GQ)	2005	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carnival/Sedona(GQ)	2005	General Area	ECM(Engine Control Module)	Read Data Stream	
Carnival/Sedona(GQ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Carnival/Sedona(GQ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve

model	year	area	system	function	subfunction
Carnival/Sedona(GQ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Carnival/Sedona(GQ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Carnival/Sedona(GQ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Carnival/Sedona(GQ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Air Heater Lamp Drive
Carnival/Sedona(GQ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Carnival/Sedona(GQ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	A/C Fan Relay
Carnival/Sedona(GQ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Inlet Metering Valve
Carnival/Sedona(GQ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Air Heater Relay
Carnival/Sedona(GQ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay
Carnival/Sedona(GQ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Carnival/Sedona(GQ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Carnival/Sedona(GQ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Carnival/Sedona(GQ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Carnival/Sedona(GQ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Carnival/Sedona(GQ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Carnival/Sedona(GQ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Carnival/Sedona(GQ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Carnival/Sedona(GQ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Carnival/Sedona(GQ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,5
Carnival/Sedona(GQ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#3,6
Carnival/Sedona(GQ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Carnival/Sedona(GQ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Carnival/Sedona(GQ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High

model	year	area	system	function	subfunction
Carnival/Sedona(GQ)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Carnival/Sedona(GQ)	2005	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Carnival/Sedona(GQ)	2005	General Area	ECM(Engine Control Module)	Special Function	ECU Initialization
Carnival/Sedona(GQ)	2005	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
Carnival/Sedona(GQ)	2005	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Adjust Mode
Carnival/Sedona(GQ)	2005	General Area	IMMO(Immobilizer)	Read Data Stream	
Carnival/Sedona(GQ)	2005	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Carnival/Sedona(GQ)	2005	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Carnival/Sedona(GQ)	2005	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Carnival/Sedona(GQ)	2005	General Area	IMMO(Immobilizer)	Special Function	Teaching
Carnival/Sedona(GQ)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carnival/Sedona(GQ)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carnival/Sedona(GQ)	2005	General Area	TCM(Transmission Control Module)	Version Information	
Carnival/Sedona(GQ)	2005	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carnival/Sedona(GQ)	2005	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carnival/Sedona(GQ)	2005	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carnival/Sedona(GQ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-#1
Carnival/Sedona(GQ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-#2
Carnival/Sedona(GQ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Lock Up Solenoid
Carnival/Sedona(GQ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Carnival/Sedona(GQ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Carnival/Sedona(GQ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-

model	year	area	system	function	subfunction
Carnival/Sedona(GQ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(GQ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(GQ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Vlave(5 A/T Only)
Carnival/Sedona(GQ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Carnival/Sedona(GQ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp(Sport Only)
Carnival/Sedona(GQ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator
Carnival/Sedona(GQ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp(Sport Only)
Carnival/Sedona(GQ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp(Sport Only)
Carnival/Sedona(GQ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Sport Only)
Carnival/Sedona(GQ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Carnival/Sedona(GQ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Carnival/Sedona(GQ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Low/Reverse Solenoid Valve
Carnival/Sedona(GQ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Under Drive Solenoid Valve
Carnival/Sedona(GQ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Carnival/Sedona(GQ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Carnival/Sedona(GQ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve
Carnival/Sedona(GQ)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Prohibit Inteligent Shift
Carnival/Sedona(GQ)	2004	General Area	ABS(Anti-Lock Brake System)	Version Information	
Carnival/Sedona(GQ)	2004	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Carnival/Sedona(GQ)	2004	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Carnival/Sedona(GQ)	2004	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carnival/Sedona(GQ)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor

model	year	area	system	function	subfunction
Carnival/Sedona(GQ)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Carnival/Sedona(GQ)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Carnival/Sedona(GQ)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Carnival/Sedona(GQ)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Carnival/Sedona(GQ)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Carnival/Sedona(GQ)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Carnival/Sedona(GQ)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Carnival/Sedona(GQ)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Carnival/Sedona(GQ)	2004	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Carnival/Sedona(GQ)	2004	General Area	ECM(Engine Control Module)	Version Information	
Carnival/Sedona(GQ)	2004	General Area	ECM(Engine Control Module)	Read Fault Code	
Carnival/Sedona(GQ)	2004	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carnival/Sedona(GQ)	2004	General Area	ECM(Engine Control Module)	Read Data Stream	
Carnival/Sedona(GQ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Carnival/Sedona(GQ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Carnival/Sedona(GQ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Carnival/Sedona(GQ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Carnival/Sedona(GQ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Carnival/Sedona(GQ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Air Heater Lamp Drive
Carnival/Sedona(GQ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Carnival/Sedona(GQ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	A/C Fan Relay
Carnival/Sedona(GQ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Inlet Metering Valve

model	year	area	system	function	subfunction
Carnival/Sedona(GQ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Air Heater Relay
Carnival/Sedona(GQ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay
Carnival/Sedona(GQ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Carnival/Sedona(GQ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Carnival/Sedona(GQ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Carnival/Sedona(GQ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Carnival/Sedona(GQ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Carnival/Sedona(GQ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Carnival/Sedona(GQ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Carnival/Sedona(GQ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Carnival/Sedona(GQ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Carnival/Sedona(GQ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,5
Carnival/Sedona(GQ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#3,6
Carnival/Sedona(GQ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Carnival/Sedona(GQ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Carnival/Sedona(GQ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Carnival/Sedona(GQ)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Carnival/Sedona(GQ)	2004	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Carnival/Sedona(GQ)	2004	General Area	ECM(Engine Control Module)	Special Function	ECU Initialization
Carnival/Sedona(GQ)	2004	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
Carnival/Sedona(GQ)	2004	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Adjust Mode
Carnival/Sedona(GQ)	2004	General Area	IMMO(Immobilizer)	Read Data Stream	
Carnival/Sedona(GQ)	2004	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin

model	year	area	system	function	subfunction
Carnival/Sedona(GQ)	2004	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Carnival/Sedona(GQ)	2004	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Carnival/Sedona(GQ)	2004	General Area	IMMO(Immobilizer)	Special Function	Teaching
Carnival/Sedona(GQ)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carnival/Sedona(GQ)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carnival/Sedona(GQ)	2004	General Area	TCM(Transmission Control Module)	Version Information	
Carnival/Sedona(GQ)	2004	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carnival/Sedona(GQ)	2004	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carnival/Sedona(GQ)	2004	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carnival/Sedona(GQ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-#1
Carnival/Sedona(GQ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-#2
Carnival/Sedona(GQ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Lock Up Solenoid
Carnival/Sedona(GQ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Carnival/Sedona(GQ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Carnival/Sedona(GQ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(GQ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(GQ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(GQ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Vlave(5 A/T Only)
Carnival/Sedona(GQ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Carnival/Sedona(GQ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp(Sport Only)
Carnival/Sedona(GQ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator

model	year	area	system	function	subfunction
Carnival/Sedona(GQ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp(Sport Only)
Carnival/Sedona(GQ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp(Sport Only)
Carnival/Sedona(GQ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Sport Only)
Carnival/Sedona(GQ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Carnival/Sedona(GQ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Carnival/Sedona(GQ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Low/Reverse Solenoid Valve
Carnival/Sedona(GQ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Under Drive Solenoid Valve
Carnival/Sedona(GQ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Carnival/Sedona(GQ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Carnival/Sedona(GQ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve
Carnival/Sedona(GQ)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Prohibit Inteligent Shift
Carnival/Sedona(GQ)	2003	General Area	ABS(Anti-Lock Brake System)	Version Information	
Carnival/Sedona(GQ)	2003	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Carnival/Sedona(GQ)	2003	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Carnival/Sedona(GQ)	2003	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carnival/Sedona(GQ)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Carnival/Sedona(GQ)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Carnival/Sedona(GQ)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Carnival/Sedona(GQ)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Carnival/Sedona(GQ)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Carnival/Sedona(GQ)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Carnival/Sedona(GQ)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Carnival/Sedona(GQ)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear

model	year	area	system	function	subfunction
Carnival/Sedona(GQ)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Carnival/Sedona(GQ)	2003	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Carnival/Sedona(GQ)	2003	General Area	ECM(Engine Control Module)	Version Information	
Carnival/Sedona(GQ)	2003	General Area	ECM(Engine Control Module)	Read Fault Code	
Carnival/Sedona(GQ)	2003	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carnival/Sedona(GQ)	2003	General Area	ECM(Engine Control Module)	Read Data Stream	
Carnival/Sedona(GQ)	2003	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Carnival/Sedona(GQ)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Carnival/Sedona(GQ)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Carnival/Sedona(GQ)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Carnival/Sedona(GQ)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Carnival/Sedona(GQ)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Air Heater Lamp Drive
Carnival/Sedona(GQ)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Carnival/Sedona(GQ)	2003	General Area	ECM(Engine Control Module)	Actuation Test	A/C Fan Relay
Carnival/Sedona(GQ)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Inlet Metering Valve
Carnival/Sedona(GQ)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Air Heater Relay
Carnival/Sedona(GQ)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay
Carnival/Sedona(GQ)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Carnival/Sedona(GQ)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Carnival/Sedona(GQ)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Carnival/Sedona(GQ)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Carnival/Sedona(GQ)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5

model	year	area	system	function	subfunction
Carnival/Sedona(GQ)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Carnival/Sedona(GQ)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Carnival/Sedona(GQ)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Carnival/Sedona(GQ)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Carnival/Sedona(GQ)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Carnival/Sedona(GQ)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Carnival/Sedona(GQ)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,5
Carnival/Sedona(GQ)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#3,6
Carnival/Sedona(GQ)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Carnival/Sedona(GQ)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Carnival/Sedona(GQ)	2003	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Carnival/Sedona(GQ)	2003	General Area	ECM(Engine Control Module)	Special Function	ECU Initialization
Carnival/Sedona(GQ)	2003	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
Carnival/Sedona(GQ)	2003	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Adjust Mode
Carnival/Sedona(GQ)	2003	General Area	IMMO(Immobilizer)	Read Data Stream	
Carnival/Sedona(GQ)	2003	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Carnival/Sedona(GQ)	2003	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Carnival/Sedona(GQ)	2003	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Carnival/Sedona(GQ)	2003	General Area	IMMO(Immobilizer)	Special Function	Teaching
Carnival/Sedona(GQ)	2003	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carnival/Sedona(GQ)	2003	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carnival/Sedona(GQ)	2003	General Area	TCM(Transmission Control Module)	Version Information	

model	year	area	system	function	subfunction
Carnival/Sedona(GQ)	2003	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carnival/Sedona(GQ)	2003	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carnival/Sedona(GQ)	2003	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carnival/Sedona(GQ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-#1
Carnival/Sedona(GQ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-#2
Carnival/Sedona(GQ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Lock Up Solenoid
Carnival/Sedona(GQ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Carnival/Sedona(GQ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Carnival/Sedona(GQ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(GQ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(GQ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(GQ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Vlave(5 A/T Only)
Carnival/Sedona(GQ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Carnival/Sedona(GQ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp(Sport Only)
Carnival/Sedona(GQ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator
Carnival/Sedona(GQ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp(Sport Only)
Carnival/Sedona(GQ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp(Sport Only)
Carnival/Sedona(GQ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Sport Only)
Carnival/Sedona(GQ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Carnival/Sedona(GQ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Carnival/Sedona(GQ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Low/Reverse Solenoid Valve
Carnival/Sedona(GQ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Under Drive Solenoid Valve

model	year	area	system	function	subfunction
Carnival/Sedona(GQ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Carnival/Sedona(GQ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Carnival/Sedona(GQ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve
Carnival/Sedona(GQ)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Prohibit Inteligent Shift
Carnival/Sedona(GQ)	2002	General Area	ABS(Anti-Lock Brake System)	Version Information	
Carnival/Sedona(GQ)	2002	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Carnival/Sedona(GQ)	2002	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Carnival/Sedona(GQ)	2002	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carnival/Sedona(GQ)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Carnival/Sedona(GQ)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Carnival/Sedona(GQ)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Carnival/Sedona(GQ)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Carnival/Sedona(GQ)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Carnival/Sedona(GQ)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Carnival/Sedona(GQ)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Carnival/Sedona(GQ)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Carnival/Sedona(GQ)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Carnival/Sedona(GQ)	2002	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Carnival/Sedona(GQ)	2002	General Area	ECM(Engine Control Module)	Version Information	
Carnival/Sedona(GQ)	2002	General Area	ECM(Engine Control Module)	Read Fault Code	
Carnival/Sedona(GQ)	2002	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carnival/Sedona(GQ)	2002	General Area	ECM(Engine Control Module)	Read Data Stream	
Carnival/Sedona(GQ)	2002	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay

model	year	area	system	function	subfunction
Carnival/Sedona(GQ)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Carnival/Sedona(GQ)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Carnival/Sedona(GQ)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Carnival/Sedona(GQ)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Carnival/Sedona(GQ)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Air Heater Lamp Drive
Carnival/Sedona(GQ)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Carnival/Sedona(GQ)	2002	General Area	ECM(Engine Control Module)	Actuation Test	A/C Fan Relay
Carnival/Sedona(GQ)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Inlet Metering Valve
Carnival/Sedona(GQ)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Air Heater Relay
Carnival/Sedona(GQ)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay
Carnival/Sedona(GQ)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Carnival/Sedona(GQ)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Carnival/Sedona(GQ)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Carnival/Sedona(GQ)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Carnival/Sedona(GQ)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Carnival/Sedona(GQ)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Carnival/Sedona(GQ)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Carnival/Sedona(GQ)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Carnival/Sedona(GQ)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Carnival/Sedona(GQ)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Carnival/Sedona(GQ)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Carnival/Sedona(GQ)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,5

model	year	area	system	function	subfunction
Carnival/Sedona(GQ)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#3,6
Carnival/Sedona(GQ)	2002	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Carnival/Sedona(GQ)	2002	General Area	ECM(Engine Control Module)	Special Function	ECU Initialization
Carnival/Sedona(GQ)	2002	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
Carnival/Sedona(GQ)	2002	General Area	IMMO(Immobilizer)	Read Data Stream	
Carnival/Sedona(GQ)	2002	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Carnival/Sedona(GQ)	2002	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Carnival/Sedona(GQ)	2002	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Carnival/Sedona(GQ)	2002	General Area	IMMO(Immobilizer)	Special Function	Teaching
Carnival/Sedona(GQ)	2002	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carnival/Sedona(GQ)	2002	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carnival/Sedona(GQ)	2002	General Area	TCM(Transmission Control Module)	Version Information	
Carnival/Sedona(GQ)	2002	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carnival/Sedona(GQ)	2002	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carnival/Sedona(GQ)	2002	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carnival/Sedona(GQ)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-#1
Carnival/Sedona(GQ)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-#2
Carnival/Sedona(GQ)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	Lock Up Solenoid
Carnival/Sedona(GQ)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Carnival/Sedona(GQ)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Carnival/Sedona(GQ)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(GQ)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-

model	year	area	system	function	subfunction
Carnival/Sedona(GQ)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(GQ)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Vlave(5 A/T Only)
Carnival/Sedona(GQ)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Carnival/Sedona(GQ)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp(Sport Only)
Carnival/Sedona(GQ)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator
Carnival/Sedona(GQ)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp(Sport Only)
Carnival/Sedona(GQ)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp(Sport Only)
Carnival/Sedona(GQ)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Sport Only)
Carnival/Sedona(GQ)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Carnival/Sedona(GQ)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Carnival/Sedona(GQ)	2001	General Area	ABS(Anti-Lock Brake System)	Version Information	
Carnival/Sedona(GQ)	2001	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Carnival/Sedona(GQ)	2001	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Carnival/Sedona(GQ)	2001	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carnival/Sedona(GQ)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Carnival/Sedona(GQ)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Carnival/Sedona(GQ)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Carnival/Sedona(GQ)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Carnival/Sedona(GQ)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Carnival/Sedona(GQ)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Carnival/Sedona(GQ)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Carnival/Sedona(GQ)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear

model	year	area	system	function	subfunction
Carnival/Sedona(GQ)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Carnival/Sedona(GQ)	2001	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Carnival/Sedona(GQ)	2001	General Area	ECM(Engine Control Module)	Read Fault Code	
Carnival/Sedona(GQ)	2001	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carnival/Sedona(GQ)	2001	General Area	ECM(Engine Control Module)	Read Data Stream	
Carnival/Sedona(GQ)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Carnival/Sedona(GQ)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Carnival/Sedona(GQ)	2001	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Carnival/Sedona(GQ)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Carnival/Sedona(GQ)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Carnival/Sedona(GQ)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Carnival/Sedona(GQ)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Carnival/Sedona(GQ)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Carnival/Sedona(GQ)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Carnival/Sedona(GQ)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,5
Carnival/Sedona(GQ)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#3,6
Carnival/Sedona(GQ)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Carnival/Sedona(GQ)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Carnival/Sedona(GQ)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Carnival/Sedona(GQ)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Carnival/Sedona(GQ)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Carnival/Sedona(GQ)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Carnival/Sedona(GQ)	2001	General Area	IMMO(Immobilizer)	Read Data Stream	

model	year	area	system	function	subfunction
Carnival/Sedona(GQ)	2001	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carnival/Sedona(GQ)	2001	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carnival/Sedona(GQ)	2001	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Carnival/Sedona(GQ)	2001	General Area	TCM(Transmission Control Module)	Version Information	
Carnival/Sedona(GQ)	2001	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carnival/Sedona(GQ)	2001	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carnival/Sedona(GQ)	2001	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carnival/Sedona(GQ)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Carnival/Sedona(GQ)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(GQ)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Solenoid Valve(SCSV C)
Carnival/Sedona(GQ)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Solenoid
Carnival/Sedona(GQ)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Carnival/Sedona(GQ)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Carnival/Sedona(GQ)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Carnival/Sedona(GQ)	2000	General Area	ABS(Anti-Lock Brake System)	Version Information	
Carnival/Sedona(GQ)	2000	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Carnival/Sedona(GQ)	2000	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Carnival/Sedona(GQ)	2000	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carnival/Sedona(GQ)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Carnival/Sedona(GQ)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Carnival/Sedona(GQ)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front

model	year	area	system	function	subfunction
Carnival/Sedona(GQ)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Carnival/Sedona(GQ)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Carnival/Sedona(GQ)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Carnival/Sedona(GQ)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Carnival/Sedona(GQ)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Carnival/Sedona(GQ)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Carnival/Sedona(GQ)	2000	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Carnival/Sedona(GQ)	2000	General Area	ECM(Engine Control Module)	Read Fault Code	
Carnival/Sedona(GQ)	2000	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carnival/Sedona(GQ)	2000	General Area	ECM(Engine Control Module)	Read Data Stream	
Carnival/Sedona(GQ)	2000	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Carnival/Sedona(GQ)	2000	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Carnival/Sedona(GQ)	2000	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Carnival/Sedona(GQ)	2000	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Carnival/Sedona(GQ)	2000	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Carnival/Sedona(GQ)	2000	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Carnival/Sedona(GQ)	2000	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Carnival/Sedona(GQ)	2000	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Carnival/Sedona(GQ)	2000	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Carnival/Sedona(GQ)	2000	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,5
Carnival/Sedona(GQ)	2000	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#3,6
Carnival/Sedona(GQ)	2000	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Carnival/Sedona(GQ)	2000	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2

model	year	area	system	function	subfunction
Carnival/Sedona(GQ)	2000	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Carnival/Sedona(GQ)	2000	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Carnival/Sedona(GQ)	2000	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Carnival/Sedona(GQ)	2000	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Carnival/Sedona(GQ)	2000	General Area	IMMO(Immobilizer)	Read Data Stream	
Carnival/Sedona(GQ)	2000	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carnival/Sedona(GQ)	2000	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carnival/Sedona(GQ)	2000	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Carnival/Sedona(GQ)	2000	General Area	TCM(Transmission Control Module)	Version Information	
Carnival/Sedona(GQ)	2000	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carnival/Sedona(GQ)	2000	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carnival/Sedona(GQ)	2000	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carnival/Sedona(GQ)	2000	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Carnival/Sedona(GQ)	2000	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(GQ)	2000	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Solenoid Valve(SCSV C)
Carnival/Sedona(GQ)	2000	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Solenoid
Carnival/Sedona(GQ)	2000	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Carnival/Sedona(GQ)	2000	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Carnival/Sedona(GQ)	2000	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Carnival/Sedona(GQ)	1999	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Carnival/Sedona(GQ)	1999	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Carnival/Sedona(GQ)	1999	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carnival/Sedona(GQ)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	MOTOR
Carnival/Sedona(GQ)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE(IN)
Carnival/Sedona(GQ)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE(IN)
Carnival/Sedona(GQ)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE(IN)
Carnival/Sedona(GQ)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE(IN)
Carnival/Sedona(GQ)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE(OUT)
Carnival/Sedona(GQ)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE(OUT)
Carnival/Sedona(GQ)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE(OUT)
Carnival/Sedona(GQ)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE(OUT)
Carnival/Sedona(GQ)	1999	General Area	ECM(Engine Control Module)	Read Fault Code	
Carnival/Sedona(GQ)	1999	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carnival/Sedona(GQ)	1999	General Area	ECM(Engine Control Module)	Read Data Stream	
Carnival/Sedona(GQ)	1999	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Carnival/Sedona(GQ)	1999	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Carnival/Sedona(GQ)	1999	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Carnival/Sedona(GQ)	1999	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Carnival/Sedona(GQ)	1999	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Carnival/Sedona(GQ)	1999	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Carnival/Sedona(GQ)	1999	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Carnival/Sedona(GQ)	1999	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Carnival/Sedona(GQ)	1999	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Carnival/Sedona(GQ)	1999	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,5

model	year	area	system	function	subfunction
Carnival/Sedona(GQ)	1999	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#3,6
Carnival/Sedona(GQ)	1999	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Carnival/Sedona(GQ)	1999	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Carnival/Sedona(GQ)	1999	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Carnival/Sedona(GQ)	1999	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Carnival/Sedona(GQ)	1999	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Carnival/Sedona(GQ)	1999	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Carnival/Sedona(GQ)	1999	General Area	IMMO(Immobilizer)	Read Data Stream	
Carnival/Sedona(GQ)	1999	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carnival/Sedona(GQ)	1999	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carnival/Sedona(GQ)	1999	General Area	TCM(Transmission Control Module)	Version Information	
Carnival/Sedona(GQ)	1999	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carnival/Sedona(GQ)	1999	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carnival/Sedona(GQ)	1999	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carnival/Sedona(GQ)	1999	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Carnival/Sedona(GQ)	1999	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(GQ)	1999	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Solenoid Valve(SCSV C)
Carnival/Sedona(GQ)	1999	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Solenoid
Carnival/Sedona(GQ)	1999	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Carnival/Sedona(GQ)	1999	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Carnival/Sedona(GQ)	1999	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay

model	year	area	system	function	subfunction
Carnival/Sedona(GQ)	1998	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Carnival/Sedona(GQ)	1998	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Carnival/Sedona(GQ)	1998	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carnival/Sedona(GQ)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	MOTOR
Carnival/Sedona(GQ)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE(IN)
Carnival/Sedona(GQ)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE(IN)
Carnival/Sedona(GQ)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE(IN)
Carnival/Sedona(GQ)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE(IN)
Carnival/Sedona(GQ)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE(OUT)
Carnival/Sedona(GQ)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE(OUT)
Carnival/Sedona(GQ)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE(OUT)
Carnival/Sedona(GQ)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE(OUT)
Carnival/Sedona(GQ)	1998	General Area	ECM(Engine Control Module)	Read Fault Code	
Carnival/Sedona(GQ)	1998	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carnival/Sedona(GQ)	1998	General Area	ECM(Engine Control Module)	Read Data Stream	
Carnival/Sedona(GQ)	1998	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Carnival/Sedona(GQ)	1998	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Carnival/Sedona(GQ)	1998	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Carnival/Sedona(GQ)	1998	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Carnival/Sedona(GQ)	1998	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Carnival/Sedona(GQ)	1998	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Carnival/Sedona(GQ)	1998	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Carnival/Sedona(GQ)	1998	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator

model	year	area	system	function	subfunction
Carnival/Sedona(GQ)	1998	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Carnival/Sedona(GQ)	1998	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,5
Carnival/Sedona(GQ)	1998	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#3,6
Carnival/Sedona(GQ)	1998	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Carnival/Sedona(GQ)	1998	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Carnival/Sedona(GQ)	1998	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Carnival/Sedona(GQ)	1998	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Carnival/Sedona(GQ)	1998	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Carnival/Sedona(GQ)	1998	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Carnival/Sedona(GQ)	1998	General Area	IMMO(Immobilizer)	Read Data Stream	
Carnival/Sedona(GQ)	1998	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carnival/Sedona(GQ)	1998	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carnival/Sedona(GQ)	1998	General Area	TCM(Transmission Control Module)	Version Information	
Carnival/Sedona(GQ)	1998	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carnival/Sedona(GQ)	1998	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carnival/Sedona(GQ)	1998	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carnival/Sedona(GQ)	1998	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Carnival/Sedona(GQ)	1998	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(GQ)	1998	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Solenoid Valve(SCSV C)
Carnival/Sedona(GQ)	1998	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Solenoid
Carnival/Sedona(GQ)	1998	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid

model	year	area	system	function	subfunction
Carnival/Sedona(GQ)	1998	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Carnival/Sedona(GQ)	1998	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Carnival/Sedona(VQ)	2014	General Area	ABS(Anti-Lock Brake System)	Version Information	
Carnival/Sedona(VQ)	2014	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Carnival/Sedona(VQ)	2014	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Carnival/Sedona(VQ)	2014	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carnival/Sedona(VQ)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Carnival/Sedona(VQ)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Carnival/Sedona(VQ)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Carnival/Sedona(VQ)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Carnival/Sedona(VQ)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Carnival/Sedona(VQ)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Carnival/Sedona(VQ)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Carnival/Sedona(VQ)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Carnival/Sedona(VQ)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Carnival/Sedona(VQ)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Brake Lamp Control
Carnival/Sedona(VQ)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IFL Control
Carnival/Sedona(VQ)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IFR Control
Carnival/Sedona(VQ)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IRL Control
Carnival/Sedona(VQ)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IRR Control
Carnival/Sedona(VQ)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	OFL Control
Carnival/Sedona(VQ)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	OFR Control
Carnival/Sedona(VQ)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ORL Control

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ORR Control
Carnival/Sedona(VQ)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FL Valve Control
Carnival/Sedona(VQ)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FR Valve Control
Carnival/Sedona(VQ)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-R Control
Carnival/Sedona(VQ)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-L Control
Carnival/Sedona(VQ)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Carnival/Sedona(VQ)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset
Carnival/Sedona(VQ)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	Steering Angle Sensor
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Version Information	
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Read Fault Code	
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Clear Fault Memory	
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Read Data Stream	
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Carnival/Sedona(VQ)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Read Fault Code	
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Clear Fault Memory	
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Read Data Stream	
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Indicator
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Defog Indicator
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	VAS Switch Indicator
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Burglar Relay
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Adjustable Pedal On/Off
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Relay
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Sound Mute Signal
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Panel Light Trip Computer
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	MTS Burglar Alram
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Sensor
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Indicator
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Voice Alarm System(VAS)
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front Washer Switch
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Washer Switch
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp High
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp-Low
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Right Parking Lamp
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Right Fog Lamp
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Left Head Lamp High
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low-Left
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Parking Lamp-Left
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Left Fog Lamp
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal-Left
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Wiper On/Off
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low/High State
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Horn

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Door
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-Down
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-Down
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Open/Close
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Open/Close
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	PTG Open/Close
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	PSD PTG On/Off
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Parking Signal
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Defog
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Left
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp and Warning
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	License Side Marker
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Door Lock
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Motor
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Blower Switch
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Fuel Filler Door Solenoid
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	MAP Lamp
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Fold Motor Power Feed
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Up
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Up
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Down
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Down
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Up
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Down
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Illumination
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp(ADM)
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Door Lock(ADM)
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock(ADM)
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up(ADM)

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down(ADM)
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left(ADM)
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right(ADM)
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog(ADM)
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Up(ADM)
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Down(ADM)
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Forward
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Backward
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Pedal Forward Motor
Carnival/Sedona(VQ)	2014	General Area	BCM(Body Control Module)	Actuation Test	Pedal Backward Motor
Carnival/Sedona(VQ)	2014	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Carnival/Sedona(VQ)	2014	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Version Information	
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Read Fault Code	
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Read Data Stream	
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan 1
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan 2
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	A/C Relay
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	A/C Fan Relay
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Inlet Metering Valve
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Intake Throttle Actuator

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Swirl Valve
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Main Lamp
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise On Lamp
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 50%
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 78%
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 5%
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 95%
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 5%
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 76%
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 500 RPM
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 4000 RPM
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Alternator Control(Option)
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Special Function	ECU Initialization
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Special Function	Fuel Line Air Remove
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Carnival/Sedona(VQ)	2014	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Carnival/Sedona(VQ)	2014	General Area	FFH(Fuel Fired Heater)	Read Fault Code	

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2014	General Area	FFH(Fuel Fired Heater)	Clear Fault Memory	
Carnival/Sedona(VQ)	2014	General Area	FFH(Fuel Fired Heater)	Read Data Stream	
Carnival/Sedona(VQ)	2014	General Area	FFH(Fuel Fired Heater)	Actuation Test	Heating
Carnival/Sedona(VQ)	2014	General Area	FFH(Fuel Fired Heater)	Actuation Test	Combustion Air Fan
Carnival/Sedona(VQ)	2014	General Area	FFH(Fuel Fired Heater)	Actuation Test	Glow Plug
Carnival/Sedona(VQ)	2014	General Area	FFH(Fuel Fired Heater)	Actuation Test	Fuel Pump
Carnival/Sedona(VQ)	2014	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling(Short Body)
Carnival/Sedona(VQ)	2014	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling(Long Body)
Carnival/Sedona(VQ)	2014	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling+Heating (Short Body)
Carnival/Sedona(VQ)	2014	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling+Heating (Long Body)
Carnival/Sedona(VQ)	2014	General Area	IMMO(Immobilizer)	Read Data Stream	
Carnival/Sedona(VQ)	2014	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Carnival/Sedona(VQ)	2014	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Carnival/Sedona(VQ)	2014	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Carnival/Sedona(VQ)	2014	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Carnival/Sedona(VQ)	2014	General Area	IMMO(Immobilizer)	Special Function	Teaching
Carnival/Sedona(VQ)	2014	General Area	PSD(Power Sliding Door)	Version Information	
Carnival/Sedona(VQ)	2014	General Area	PSD(Power Sliding Door)	Read Fault Code	
Carnival/Sedona(VQ)	2014	General Area	PSD(Power Sliding Door)	Clear Fault Memory	
Carnival/Sedona(VQ)	2014	General Area	PSD(Power Sliding Door)	Read Data Stream	
Carnival/Sedona(VQ)	2014	General Area	PTG(Power Tail Gate)	Version Information	
Carnival/Sedona(VQ)	2014	General Area	PTG(Power Tail Gate)	Read Fault Code	
Carnival/Sedona(VQ)	2014	General Area	PTG(Power Tail Gate)	Clear Fault Memory	

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2014	General Area	PTG(Power Tail Gate)	Read Data Stream	
Carnival/Sedona(VQ)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Carnival/Sedona(VQ)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carnival/Sedona(VQ)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carnival/Sedona(VQ)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Carnival/Sedona(VQ)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Carnival/Sedona(VQ)	2014	General Area	TCM(Transmission Control Module)	Version Information	
Carnival/Sedona(VQ)	2014	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carnival/Sedona(VQ)	2014	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carnival/Sedona(VQ)	2014	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carnival/Sedona(VQ)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Carnival/Sedona(VQ)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Carnival/Sedona(VQ)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Carnival/Sedona(VQ)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Carnival/Sedona(VQ)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Carnival/Sedona(VQ)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Carnival/Sedona(VQ)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Carnival/Sedona(VQ)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Carnival/Sedona(VQ)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(VQ)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(VQ)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(VQ)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Carnival/Sedona(VQ)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Carnival/Sedona(VQ)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Carnival/Sedona(VQ)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Carnival/Sedona(VQ)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Carnival/Sedona(VQ)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Carnival/Sedona(VQ)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Carnival/Sedona(VQ)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Carnival/Sedona(VQ)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Carnival/Sedona(VQ)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Carnival/Sedona(VQ)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Solenoid Valve(SCSV C)
Carnival/Sedona(VQ)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Solenoid
Carnival/Sedona(VQ)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp
Carnival/Sedona(VQ)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Carnival/Sedona(VQ)	2014	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2013	General Area	ABS(Anti-Lock Brake System)	Version Information	
Carnival/Sedona(VQ)	2013	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Carnival/Sedona(VQ)	2013	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Carnival/Sedona(VQ)	2013	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carnival/Sedona(VQ)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Carnival/Sedona(VQ)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Carnival/Sedona(VQ)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Carnival/Sedona(VQ)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Carnival/Sedona(VQ)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Carnival/Sedona(VQ)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Carnival/Sedona(VQ)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Carnival/Sedona(VQ)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Carnival/Sedona(VQ)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Carnival/Sedona(VQ)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Brake Lamp Control
Carnival/Sedona(VQ)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IFL Control
Carnival/Sedona(VQ)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IFR Control
Carnival/Sedona(VQ)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IRL Control
Carnival/Sedona(VQ)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IRR Control
Carnival/Sedona(VQ)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	OFL Control
Carnival/Sedona(VQ)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	OFR Control
Carnival/Sedona(VQ)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ORL Control
Carnival/Sedona(VQ)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ORR Control
Carnival/Sedona(VQ)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FL Valve Control

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FR Valve Control
Carnival/Sedona(VQ)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-R Control
Carnival/Sedona(VQ)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-L Control
Carnival/Sedona(VQ)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Carnival/Sedona(VQ)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset
Carnival/Sedona(VQ)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	Steering Angle Sensor
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Version Information	
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Read Fault Code	
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Clear Fault Memory	
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Read Data Stream	
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Carnival/Sedona(VQ)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Read Fault Code	
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Clear Fault Memory	
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Read Data Stream	
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Indicator
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Defog Indicator
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	VAS Switch Indicator
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Burglar Relay
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Adjustable Pedal On/Off
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Relay
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Sound Mute Signal
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Panel Light Trip Computer

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	MTS Burglar Alram
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Sensor
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Indicator
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Voice Alarm System(VAS)
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Front Washer Switch
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Washer Switch
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp High
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp-Low
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Right Parking Lamp
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Right Fog Lamp
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Left Head Lamp High
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low-Left
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Parking Lamp-Left
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Left Fog Lamp
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal-Left
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Wiper On/Off
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low/High State
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Horn
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Door

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-Down
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-Down
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Open/Close
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Open/Close
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	PTG Open/Close
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	PSD PTG On/Off
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Parking Signal
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Defog
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Left
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp and Warning
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	License Side Marker
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door Lock
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Motor
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Blower Switch

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Fuel Filler Door Solenoid
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	MAP Lamp
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Fold Motor Power Feed
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Up
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Up
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Down
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Down
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Up
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Down
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Illumination
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp(ADM)
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door Lock(ADM)
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock(ADM)
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up(ADM)
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down(ADM)
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left(ADM)

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right(ADM)
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog(ADM)
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Up(ADM)
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Down(ADM)
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Forward
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Backward
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Pedal Forward Motor
Carnival/Sedona(VQ)	2013	General Area	BCM(Body Control Module)	Actuation Test	Pedal Backward Motor
Carnival/Sedona(VQ)	2013	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Carnival/Sedona(VQ)	2013	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Version Information	
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Read Fault Code	
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Read Data Stream	
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan 1
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan 2
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	A/C Relay
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	A/C Fan Relay
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Inlet Metering Valve
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Intake Throttle Actuator
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Swirl Valve
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Main Lamp
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise On Lamp
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 50%
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 78%
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 5%
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 95%
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 5%
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 76%
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 500 RPM
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 4000 RPM
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Alternator Control(Option)
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Special Function	ECU Initialization
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Special Function	Fuel Line Air Remove
Carnival/Sedona(VQ)	2013	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Carnival/Sedona(VQ)	2013	General Area	FFH(Fuel Fired Heater)	Read Fault Code	
Carnival/Sedona(VQ)	2013	General Area	FFH(Fuel Fired Heater)	Clear Fault Memory	
Carnival/Sedona(VQ)	2013	General Area	FFH(Fuel Fired Heater)	Read Data Stream	
Carnival/Sedona(VQ)	2013	General Area	FFH(Fuel Fired Heater)	Actuation Test	Heating

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2013	General Area	FFH(Fuel Fired Heater)	Actuation Test	Combustion Air Fan
Carnival/Sedona(VQ)	2013	General Area	FFH(Fuel Fired Heater)	Actuation Test	Glow Plug
Carnival/Sedona(VQ)	2013	General Area	FFH(Fuel Fired Heater)	Actuation Test	Fuel Pump
Carnival/Sedona(VQ)	2013	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling(Short Body)
Carnival/Sedona(VQ)	2013	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling(Long Body)
Carnival/Sedona(VQ)	2013	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling+Heating (Short Body)
Carnival/Sedona(VQ)	2013	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling+Heating (Long Body)
Carnival/Sedona(VQ)	2013	General Area	IMMO(Immobilizer)	Read Data Stream	
Carnival/Sedona(VQ)	2013	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Carnival/Sedona(VQ)	2013	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Carnival/Sedona(VQ)	2013	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Carnival/Sedona(VQ)	2013	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Carnival/Sedona(VQ)	2013	General Area	IMMO(Immobilizer)	Special Function	Teaching
Carnival/Sedona(VQ)	2013	General Area	PSD(Power Sliding Door)	Version Information	
Carnival/Sedona(VQ)	2013	General Area	PSD(Power Sliding Door)	Read Fault Code	
Carnival/Sedona(VQ)	2013	General Area	PSD(Power Sliding Door)	Clear Fault Memory	
Carnival/Sedona(VQ)	2013	General Area	PSD(Power Sliding Door)	Read Data Stream	
Carnival/Sedona(VQ)	2013	General Area	PTG(Power Tail Gate)	Version Information	
Carnival/Sedona(VQ)	2013	General Area	PTG(Power Tail Gate)	Read Fault Code	
Carnival/Sedona(VQ)	2013	General Area	PTG(Power Tail Gate)	Clear Fault Memory	
Carnival/Sedona(VQ)	2013	General Area	PTG(Power Tail Gate)	Read Data Stream	
Carnival/Sedona(VQ)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carnival/Sedona(VQ)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carnival/Sedona(VQ)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Carnival/Sedona(VQ)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Carnival/Sedona(VQ)	2013	General Area	TCM(Transmission Control Module)	Version Information	
Carnival/Sedona(VQ)	2013	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carnival/Sedona(VQ)	2013	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carnival/Sedona(VQ)	2013	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carnival/Sedona(VQ)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Carnival/Sedona(VQ)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Carnival/Sedona(VQ)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Carnival/Sedona(VQ)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Carnival/Sedona(VQ)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Carnival/Sedona(VQ)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Carnival/Sedona(VQ)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Carnival/Sedona(VQ)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Carnival/Sedona(VQ)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(VQ)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(VQ)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(VQ)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Carnival/Sedona(VQ)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Carnival/Sedona(VQ)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Carnival/Sedona(VQ)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Carnival/Sedona(VQ)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Carnival/Sedona(VQ)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Carnival/Sedona(VQ)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Carnival/Sedona(VQ)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Carnival/Sedona(VQ)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Carnival/Sedona(VQ)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Carnival/Sedona(VQ)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Solenoid Valve(SCSV C)
Carnival/Sedona(VQ)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Solenoid
Carnival/Sedona(VQ)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp
Carnival/Sedona(VQ)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Carnival/Sedona(VQ)	2013	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Carnival/Sedona(VQ)	2012	General Area	ABS(Anti-Lock Brake System)	Version Information	
Carnival/Sedona(VQ)	2012	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Carnival/Sedona(VQ)	2012	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2012	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carnival/Sedona(VQ)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Carnival/Sedona(VQ)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Carnival/Sedona(VQ)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Carnival/Sedona(VQ)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Carnival/Sedona(VQ)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Carnival/Sedona(VQ)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Carnival/Sedona(VQ)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Carnival/Sedona(VQ)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Carnival/Sedona(VQ)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Carnival/Sedona(VQ)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Brake Lamp Control
Carnival/Sedona(VQ)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IFL Control
Carnival/Sedona(VQ)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IFR Control
Carnival/Sedona(VQ)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IRL Control
Carnival/Sedona(VQ)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IRR Control
Carnival/Sedona(VQ)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	OFL Control
Carnival/Sedona(VQ)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	OFR Control
Carnival/Sedona(VQ)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ORL Control
Carnival/Sedona(VQ)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ORR Control
Carnival/Sedona(VQ)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FL Valve Control
Carnival/Sedona(VQ)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FR Valve Control
Carnival/Sedona(VQ)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-R Control
Carnival/Sedona(VQ)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-L Control

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2012	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Carnival/Sedona(VQ)	2012	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset
Carnival/Sedona(VQ)	2012	General Area	ABS(Anti-Lock Brake System)	Special Function	Steering Angle Sensor
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Version Information	
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Read Fault Code	
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Clear Fault Memory	
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Read Data Stream	
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Carnival/Sedona(VQ)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Read Fault Code	
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Clear Fault Memory	
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Read Data Stream	
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Indicator
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Defog Indicator
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	VAS Switch Indicator
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Burglar Relay
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Adjustable Pedal On/Off
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Relay
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Sound Mute Signal
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Panel Light Trip Computer
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	MTS Burglar Alram
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Sensor
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Indicator
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	AV Tail

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Voice Alarm System(VAS)
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Front Washer Switch
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Washer Switch
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp High
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp-Low
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Right Parking Lamp
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Right Fog Lamp
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Left Head Lamp High
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low-Left
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Parking Lamp-Left
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Left Fog Lamp
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal-Left
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Wiper On/Off
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low/High State
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Horn
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Door
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-Down
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-Down
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Open/Close
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Open/Close
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	PTG Open/Close
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	PSD PTG On/Off
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Parking Signal
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Defog
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Left
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp and Warning
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	License Side Marker
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Door Lock
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Motor
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Blower Switch
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Fuel Filler Door Solenoid
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	MAP Lamp
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Fold Motor Power Feed
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Up
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Up
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Down
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Down
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Up
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Down
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Illumination
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp(ADM)
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Door Lock(ADM)
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock(ADM)
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up(ADM)
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down(ADM)
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left(ADM)
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right(ADM)
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog(ADM)
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Up(ADM)
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Down(ADM)

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Forward
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Backward
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Pedal Forward Motor
Carnival/Sedona(VQ)	2012	General Area	BCM(Body Control Module)	Actuation Test	Pedal Backward Motor
Carnival/Sedona(VQ)	2012	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Carnival/Sedona(VQ)	2012	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Version Information	
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Read Fault Code	
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Read Data Stream	
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	A/C COMPRESSOR
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 50%
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 78%
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 5%
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 95%
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 5%
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 76%
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 500 RPM
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 4000 RPM
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Alternator Control(Option)
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Intake Throttle Actuator
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Inlet Metering Valve
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Swirl Valve
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Main Lamp
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise On Lamp
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	A/C Relay
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	A/C Fan Relay
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan 1
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan 2
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Special Function	Fuel Line Air Remove
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Special Function	ECU Initialization
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Carnival/Sedona(VQ)	2012	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Carnival/Sedona(VQ)	2012	General Area	FFH(Fuel Fired Heater)	Read Fault Code	
Carnival/Sedona(VQ)	2012	General Area	FFH(Fuel Fired Heater)	Clear Fault Memory	
Carnival/Sedona(VQ)	2012	General Area	FFH(Fuel Fired Heater)	Read Data Stream	
Carnival/Sedona(VQ)	2012	General Area	FFH(Fuel Fired Heater)	Actuation Test	Heating
Carnival/Sedona(VQ)	2012	General Area	FFH(Fuel Fired Heater)	Actuation Test	Combustion Air Fan
Carnival/Sedona(VQ)	2012	General Area	FFH(Fuel Fired Heater)	Actuation Test	Glow Plug
Carnival/Sedona(VQ)	2012	General Area	FFH(Fuel Fired Heater)	Actuation Test	Fuel Pump

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2012	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling(Short Body)
Carnival/Sedona(VQ)	2012	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling(Long Body)
Carnival/Sedona(VQ)	2012	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling+Heating (Short Body)
Carnival/Sedona(VQ)	2012	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling+Heating (Long Body)
Carnival/Sedona(VQ)	2012	General Area	IMMO(Immobilizer)	Read Data Stream	
Carnival/Sedona(VQ)	2012	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Carnival/Sedona(VQ)	2012	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Carnival/Sedona(VQ)	2012	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Carnival/Sedona(VQ)	2012	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Carnival/Sedona(VQ)	2012	General Area	IMMO(Immobilizer)	Special Function	Teaching
Carnival/Sedona(VQ)	2012	General Area	PSD(Power Sliding Door)	Version Information	
Carnival/Sedona(VQ)	2012	General Area	PSD(Power Sliding Door)	Read Fault Code	
Carnival/Sedona(VQ)	2012	General Area	PSD(Power Sliding Door)	Clear Fault Memory	
Carnival/Sedona(VQ)	2012	General Area	PSD(Power Sliding Door)	Read Data Stream	
Carnival/Sedona(VQ)	2012	General Area	PTG(Power Tail Gate)	Version Information	
Carnival/Sedona(VQ)	2012	General Area	PTG(Power Tail Gate)	Read Fault Code	
Carnival/Sedona(VQ)	2012	General Area	PTG(Power Tail Gate)	Clear Fault Memory	
Carnival/Sedona(VQ)	2012	General Area	PTG(Power Tail Gate)	Read Data Stream	
Carnival/Sedona(VQ)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Carnival/Sedona(VQ)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carnival/Sedona(VQ)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Carnival/Sedona(VQ)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Carnival/Sedona(VQ)	2012	General Area	TCM(Transmission Control Module)	Version Information	
Carnival/Sedona(VQ)	2012	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carnival/Sedona(VQ)	2012	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carnival/Sedona(VQ)	2012	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carnival/Sedona(VQ)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Carnival/Sedona(VQ)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Carnival/Sedona(VQ)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Carnival/Sedona(VQ)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Carnival/Sedona(VQ)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Carnival/Sedona(VQ)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Carnival/Sedona(VQ)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Carnival/Sedona(VQ)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Carnival/Sedona(VQ)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Carnival/Sedona(VQ)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(VQ)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Solenoid Valve(SCSV C)

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Solenoid
Carnival/Sedona(VQ)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Carnival/Sedona(VQ)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Carnival/Sedona(VQ)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Carnival/Sedona(VQ)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Carnival/Sedona(VQ)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Carnival/Sedona(VQ)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp
Carnival/Sedona(VQ)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Carnival/Sedona(VQ)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Carnival/Sedona(VQ)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Carnival/Sedona(VQ)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(VQ)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(VQ)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Carnival/Sedona(VQ)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Carnival/Sedona(VQ)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Carnival/Sedona(VQ)	2012	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Carnival/Sedona(VQ)	2011	General Area	ABS(Anti-Lock Brake System)	Version Information	
Carnival/Sedona(VQ)	2011	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Carnival/Sedona(VQ)	2011	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Carnival/Sedona(VQ)	2011	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carnival/Sedona(VQ)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Carnival/Sedona(VQ)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Carnival/Sedona(VQ)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Carnival/Sedona(VQ)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Carnival/Sedona(VQ)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Carnival/Sedona(VQ)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Carnival/Sedona(VQ)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Carnival/Sedona(VQ)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Carnival/Sedona(VQ)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Brake Lamp Control
Carnival/Sedona(VQ)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IFL Control
Carnival/Sedona(VQ)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IFR Control
Carnival/Sedona(VQ)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IRL Control
Carnival/Sedona(VQ)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IRR Control
Carnival/Sedona(VQ)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	OFL Control
Carnival/Sedona(VQ)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	OFR Control
Carnival/Sedona(VQ)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ORL Control
Carnival/Sedona(VQ)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ORR Control
Carnival/Sedona(VQ)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FL Valve Control
Carnival/Sedona(VQ)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FR Valve Control
Carnival/Sedona(VQ)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-R Control
Carnival/Sedona(VQ)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-L Control
Carnival/Sedona(VQ)	2011	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Carnival/Sedona(VQ)	2011	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset
Carnival/Sedona(VQ)	2011	General Area	ABS(Anti-Lock Brake System)	Special Function	Steering Angle Sensor

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Version Information	
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Read Fault Code	
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Clear Fault Memory	
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Read Data Stream	
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Carnival/Sedona(VQ)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Read Fault Code	
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Clear Fault Memory	
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Read Data Stream	
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Indicator
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Defog Indicator
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	VAS Switch Indicator
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Burglar Relay
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Adjustable Pedal On/Off
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Relay
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Sound Mute Signal
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Panel Light Trip Computer
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	MTS Burglar Alram
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Sensor
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Indicator
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Voice Alarm System(VAS)
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Front Washer Switch

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Washer Switch
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp High
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp-Low
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Right Parking Lamp
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Right Fog Lamp
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Left Head Lamp High
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low-Left
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Parking Lamp-Left
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Left Fog Lamp
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal-Left
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Wiper On/Off
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low/High State
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Horn
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Door
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-Down
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-Down
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Open/Close
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Open/Close
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	PTG Open/Close
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	PSD PTG On/Off
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Parking Signal
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Defog
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Left
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp and Warning
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	License Side Marker
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Door Lock
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Motor
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Blower Switch
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Fuel Filler Door Solenoid
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	MAP Lamp
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Fold Motor Power Feed
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Up
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Up
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Down
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Down
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Up
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Down
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Illumination
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp(ADM)
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Door Lock(ADM)
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock(ADM)
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up(ADM)
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down(ADM)
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left(ADM)
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right(ADM)
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog(ADM)
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Up(ADM)
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Down(ADM)
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Forward
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Backward
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Pedal Forward Motor
Carnival/Sedona(VQ)	2011	General Area	BCM(Body Control Module)	Actuation Test	Pedal Backward Motor
Carnival/Sedona(VQ)	2011	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Carnival/Sedona(VQ)	2011	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Version Information	
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Read Fault Code	
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Read Data Stream	
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	A/C COMPRESSOR
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 50%
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 78%
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 5%
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 95%
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 5%
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 76%
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 500 RPM
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 4000 RPM
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Alternator Control(Option)
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Intake Throttle Actuator
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Inlet Metering Valve
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Swirl Valve
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Main Lamp
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cruise On Lamp
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	A/C Relay
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	A/C Fan Relay
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan 1
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan 2
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Special Function	Fuel Line Air Remove
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Special Function	ECU Initialization
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Carnival/Sedona(VQ)	2011	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Carnival/Sedona(VQ)	2011	General Area	FFH(Fuel Fired Heater)	Read Fault Code	
Carnival/Sedona(VQ)	2011	General Area	FFH(Fuel Fired Heater)	Clear Fault Memory	
Carnival/Sedona(VQ)	2011	General Area	FFH(Fuel Fired Heater)	Read Data Stream	
Carnival/Sedona(VQ)	2011	General Area	FFH(Fuel Fired Heater)	Actuation Test	Heating
Carnival/Sedona(VQ)	2011	General Area	FFH(Fuel Fired Heater)	Actuation Test	Combustion Air Fan
Carnival/Sedona(VQ)	2011	General Area	FFH(Fuel Fired Heater)	Actuation Test	Glow Plug
Carnival/Sedona(VQ)	2011	General Area	FFH(Fuel Fired Heater)	Actuation Test	Fuel Pump
Carnival/Sedona(VQ)	2011	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling(Short Body)
Carnival/Sedona(VQ)	2011	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling(Long Body)
Carnival/Sedona(VQ)	2011	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling+Heating (Short Body)

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2011	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling+Heating (Long Body)
Carnival/Sedona(VQ)	2011	General Area	IMMO(Immobilizer)	Read Data Stream	
Carnival/Sedona(VQ)	2011	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Carnival/Sedona(VQ)	2011	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Carnival/Sedona(VQ)	2011	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Carnival/Sedona(VQ)	2011	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Carnival/Sedona(VQ)	2011	General Area	IMMO(Immobilizer)	Special Function	Teaching
Carnival/Sedona(VQ)	2011	General Area	PSD(Power Sliding Door)	Version Information	
Carnival/Sedona(VQ)	2011	General Area	PSD(Power Sliding Door)	Read Fault Code	
Carnival/Sedona(VQ)	2011	General Area	PSD(Power Sliding Door)	Clear Fault Memory	
Carnival/Sedona(VQ)	2011	General Area	PSD(Power Sliding Door)	Read Data Stream	
Carnival/Sedona(VQ)	2011	General Area	PTG(Power Tail Gate)	Version Information	
Carnival/Sedona(VQ)	2011	General Area	PTG(Power Tail Gate)	Read Fault Code	
Carnival/Sedona(VQ)	2011	General Area	PTG(Power Tail Gate)	Clear Fault Memory	
Carnival/Sedona(VQ)	2011	General Area	PTG(Power Tail Gate)	Read Data Stream	
Carnival/Sedona(VQ)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Carnival/Sedona(VQ)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carnival/Sedona(VQ)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carnival/Sedona(VQ)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Carnival/Sedona(VQ)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2011	General Area	TCM(Transmission Control Module)	Version Information	
Carnival/Sedona(VQ)	2011	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carnival/Sedona(VQ)	2011	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carnival/Sedona(VQ)	2011	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carnival/Sedona(VQ)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Carnival/Sedona(VQ)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Carnival/Sedona(VQ)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Carnival/Sedona(VQ)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Carnival/Sedona(VQ)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Carnival/Sedona(VQ)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Carnival/Sedona(VQ)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Carnival/Sedona(VQ)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Carnival/Sedona(VQ)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Carnival/Sedona(VQ)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(VQ)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Solenoid Valve(SCSV C)
Carnival/Sedona(VQ)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Solenoid
Carnival/Sedona(VQ)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Carnival/Sedona(VQ)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Carnival/Sedona(VQ)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Carnival/Sedona(VQ)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Carnival/Sedona(VQ)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp
Carnival/Sedona(VQ)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Carnival/Sedona(VQ)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Carnival/Sedona(VQ)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Carnival/Sedona(VQ)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(VQ)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(VQ)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Carnival/Sedona(VQ)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Carnival/Sedona(VQ)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Carnival/Sedona(VQ)	2011	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Carnival/Sedona(VQ)	2010	General Area	ABS(Anti-Lock Brake System)	Version Information	
Carnival/Sedona(VQ)	2010	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Carnival/Sedona(VQ)	2010	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Carnival/Sedona(VQ)	2010	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carnival/Sedona(VQ)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Carnival/Sedona(VQ)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Carnival/Sedona(VQ)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Carnival/Sedona(VQ)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Carnival/Sedona(VQ)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Carnival/Sedona(VQ)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Carnival/Sedona(VQ)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Carnival/Sedona(VQ)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Carnival/Sedona(VQ)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Brake Lamp Control
Carnival/Sedona(VQ)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IFL Control
Carnival/Sedona(VQ)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IFR Control
Carnival/Sedona(VQ)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IRL Control
Carnival/Sedona(VQ)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IRR Control
Carnival/Sedona(VQ)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	OFL Control
Carnival/Sedona(VQ)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	OFR Control
Carnival/Sedona(VQ)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ORL Control
Carnival/Sedona(VQ)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ORR Control
Carnival/Sedona(VQ)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FL Valve Control
Carnival/Sedona(VQ)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FR Valve Control
Carnival/Sedona(VQ)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-R Control
Carnival/Sedona(VQ)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-L Control
Carnival/Sedona(VQ)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV1)
Carnival/Sedona(VQ)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV2)
Carnival/Sedona(VQ)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV1)
Carnival/Sedona(VQ)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV2)
Carnival/Sedona(VQ)	2010	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Carnival/Sedona(VQ)	2010	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2010	General Area	ABS(Anti-Lock Brake System)	Special Function	Steering Angle Sensor
Carnival/Sedona(VQ)	2010	General Area	ABS(Anti-Lock Brake System)	Special Function	Solenoid Valve Test
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Version Information	
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Read Fault Code	
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Clear Fault Memory	
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Read Data Stream	
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Carnival/Sedona(VQ)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Read Fault Code	
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Clear Fault Memory	
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Read Data Stream	
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Indicator
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Rear Defog Indicator
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	VAS Switch Indicator
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Burglar Relay
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Adjustable Pedal On/Off
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Relay
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Sound Mute Signal
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Panel Light Trip Computer
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	MTS Burglar Alram
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Sensor
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Indicator
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Voice Alarm System(VAS)

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Front Washer Switch
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Rear Washer Switch
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp High
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp-Low
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Right Parking Lamp
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Right Fog Lamp
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Left Head Lamp High
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low-Left
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Parking Lamp-Left
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Left Fog Lamp
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal-Left
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Wiper On/Off
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low/High State
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Horn
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Door
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-Down
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-Down
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Open/Close
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Open/Close
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	PTG Open/Close
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	PSD PTG On/Off
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Parking Signal
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Rear Defog
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Left
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp and Warning
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	License Side Marker
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Door Lock
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Motor
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Rear Blower Switch
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Fuel Filler Door Solenoid
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	MAP Lamp
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Fold Motor Power Feed
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Up
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Up
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Down
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Down
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Up
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Down
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Illumination
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp(ADM)
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Door Lock(ADM)
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock(ADM)
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up(ADM)
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down(ADM)
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left(ADM)
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right(ADM)
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog(ADM)
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Up(ADM)
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Down(ADM)
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Forward
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Backward
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Pedal Forward Motor
Carnival/Sedona(VQ)	2010	General Area	BCM(Body Control Module)	Actuation Test	Pedal Backward Motor
Carnival/Sedona(VQ)	2010	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Carnival/Sedona(VQ)	2010	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Version Information	
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Read Fault Code	
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Read Data Stream	
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	A/C COMPRESSOR
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 50%
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 78%
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 5%
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 95%
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 5%
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 76%
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 500 RPM
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 4000 RPM
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Alternator Control(Option)
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Intake Throttle Actuator

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Inlet Metering Valve
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Swirl Valve
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Main Lamp
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cruise On Lamp
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	A/C Relay
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	A/C Fan Relay
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Special Function	Fuel Line Air Remove
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Special Function	ECU Initialization

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Carnival/Sedona(VQ)	2010	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Carnival/Sedona(VQ)	2010	General Area	FFH(Fuel Fired Heater)	Read Fault Code	
Carnival/Sedona(VQ)	2010	General Area	FFH(Fuel Fired Heater)	Clear Fault Memory	
Carnival/Sedona(VQ)	2010	General Area	FFH(Fuel Fired Heater)	Read Data Stream	
Carnival/Sedona(VQ)	2010	General Area	FFH(Fuel Fired Heater)	Actuation Test	Heating
Carnival/Sedona(VQ)	2010	General Area	FFH(Fuel Fired Heater)	Actuation Test	Combustion Air Fan
Carnival/Sedona(VQ)	2010	General Area	FFH(Fuel Fired Heater)	Actuation Test	Glow Plug
Carnival/Sedona(VQ)	2010	General Area	FFH(Fuel Fired Heater)	Actuation Test	Fuel Pump
Carnival/Sedona(VQ)	2010	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling(Short Body)
Carnival/Sedona(VQ)	2010	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling(Long Body)
Carnival/Sedona(VQ)	2010	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling+Heating (Short Body)
Carnival/Sedona(VQ)	2010	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling+Heating (Long Body)
Carnival/Sedona(VQ)	2010	General Area	IMMO(Immobilizer)	Read Data Stream	
Carnival/Sedona(VQ)	2010	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Carnival/Sedona(VQ)	2010	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Carnival/Sedona(VQ)	2010	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Carnival/Sedona(VQ)	2010	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Carnival/Sedona(VQ)	2010	General Area	IMMO(Immobilizer)	Special Function	Teaching

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2010	General Area	PSD(Power Sliding Door)	Version Information	
Carnival/Sedona(VQ)	2010	General Area	PSD(Power Sliding Door)	Read Fault Code	
Carnival/Sedona(VQ)	2010	General Area	PSD(Power Sliding Door)	Clear Fault Memory	
Carnival/Sedona(VQ)	2010	General Area	PSD(Power Sliding Door)	Read Data Stream	
Carnival/Sedona(VQ)	2010	General Area	PTG(Power Tail Gate)	Version Information	
Carnival/Sedona(VQ)	2010	General Area	PTG(Power Tail Gate)	Read Fault Code	
Carnival/Sedona(VQ)	2010	General Area	PTG(Power Tail Gate)	Clear Fault Memory	
Carnival/Sedona(VQ)	2010	General Area	PTG(Power Tail Gate)	Read Data Stream	
Carnival/Sedona(VQ)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Carnival/Sedona(VQ)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carnival/Sedona(VQ)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carnival/Sedona(VQ)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Carnival/Sedona(VQ)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Carnival/Sedona(VQ)	2010	General Area	TCM(Transmission Control Module)	Version Information	
Carnival/Sedona(VQ)	2010	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carnival/Sedona(VQ)	2010	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carnival/Sedona(VQ)	2010	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carnival/Sedona(VQ)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Carnival/Sedona(VQ)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Carnival/Sedona(VQ)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Carnival/Sedona(VQ)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Carnival/Sedona(VQ)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Carnival/Sedona(VQ)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Carnival/Sedona(VQ)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Carnival/Sedona(VQ)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Carnival/Sedona(VQ)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(VQ)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Solenoid Valve(SCSV C)
Carnival/Sedona(VQ)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Solenoid
Carnival/Sedona(VQ)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Carnival/Sedona(VQ)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Carnival/Sedona(VQ)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Carnival/Sedona(VQ)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Carnival/Sedona(VQ)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Carnival/Sedona(VQ)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp
Carnival/Sedona(VQ)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Carnival/Sedona(VQ)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Carnival/Sedona(VQ)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(VQ)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(VQ)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Carnival/Sedona(VQ)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Carnival/Sedona(VQ)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Carnival/Sedona(VQ)	2010	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Carnival/Sedona(VQ)	2009	General Area	ABS(Anti-Lock Brake System)	Version Information	
Carnival/Sedona(VQ)	2009	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Carnival/Sedona(VQ)	2009	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Carnival/Sedona(VQ)	2009	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carnival/Sedona(VQ)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Carnival/Sedona(VQ)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Carnival/Sedona(VQ)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Carnival/Sedona(VQ)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Carnival/Sedona(VQ)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Carnival/Sedona(VQ)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Carnival/Sedona(VQ)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Carnival/Sedona(VQ)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Carnival/Sedona(VQ)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Carnival/Sedona(VQ)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV1)
Carnival/Sedona(VQ)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV2)
Carnival/Sedona(VQ)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV1)
Carnival/Sedona(VQ)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV2)

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2009	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset
Carnival/Sedona(VQ)	2009	General Area	ABS(Anti-Lock Brake System)	Special Function	Steering Angle Sensor
Carnival/Sedona(VQ)	2009	General Area	ABS(Anti-Lock Brake System)	Special Function	Solenoid Valve Test
Carnival/Sedona(VQ)	2009	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Version Information	
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Read Fault Code	
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Clear Fault Memory	
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Read Data Stream	
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Carnival/Sedona(VQ)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Read Fault Code	
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Clear Fault Memory	
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Read Data Stream	
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Indicator
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Rear Defog Indicator
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	VAS Switch Indicator
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Burglar Relay
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Adjustable Pedal On/Off
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Relay
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Sound Mute Signal
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Panel Light Trip Computer
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	MTS Burglar Alram
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Sensor
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Indicator

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Voice Alarm System(VAS)
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Front Washer Switch
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Rear Washer Switch
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp High
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp-Low
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Right Parking Lamp
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Right Fog Lamp
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Left Head Lamp High
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low-Left
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Parking Lamp-Left
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Left Fog Lamp
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal-Left
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Wiper On/Off
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low/High State
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Horn
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Door
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-Down
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-Down
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Open/Close
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Open/Close
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	PTG Open/Close
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	PSD PTG On/Off
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Parking Signal
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Rear Defog
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Left
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp and Warning
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	License Side Marker
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Door Lock
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Motor
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Rear Blower Switch
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Fuel Filler Door Solenoid
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	MAP Lamp
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Fold Motor Power Feed
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Up
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Up
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Down
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Down
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Up
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Down
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Illumination
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp(ADM)
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Door Lock(ADM)
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock(ADM)
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up(ADM)
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down(ADM)
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left(ADM)
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right(ADM)
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog(ADM)
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Up(ADM)

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Down(ADM)
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Forward
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Backward
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Pedal Forward Motor
Carnival/Sedona(VQ)	2009	General Area	BCM(Body Control Module)	Actuation Test	Pedal Backward Motor
Carnival/Sedona(VQ)	2009	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Carnival/Sedona(VQ)	2009	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Version Information	
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Read Fault Code	
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Read Data Stream	
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Intake Throttle Actuator
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Inlet Metering Valve
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Swirl Valve
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Main Lamp
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cruise On Lamp
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	A/C Relay
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	A/C Fan Relay
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Special Function	ECU Initialization
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Carnival/Sedona(VQ)	2009	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Carnival/Sedona(VQ)	2009	General Area	FFH(Fuel Fired Heater)	Read Fault Code	

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2009	General Area	FFH(Fuel Fired Heater)	Clear Fault Memory	
Carnival/Sedona(VQ)	2009	General Area	FFH(Fuel Fired Heater)	Read Data Stream	
Carnival/Sedona(VQ)	2009	General Area	FFH(Fuel Fired Heater)	Actuation Test	Heating
Carnival/Sedona(VQ)	2009	General Area	FFH(Fuel Fired Heater)	Actuation Test	Combustion Air Fan
Carnival/Sedona(VQ)	2009	General Area	FFH(Fuel Fired Heater)	Actuation Test	Glow Plug
Carnival/Sedona(VQ)	2009	General Area	FFH(Fuel Fired Heater)	Actuation Test	Fuel Pump
Carnival/Sedona(VQ)	2009	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling(Short Body)
Carnival/Sedona(VQ)	2009	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling(Long Body)
Carnival/Sedona(VQ)	2009	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling+Heating (Short Body)
Carnival/Sedona(VQ)	2009	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling+Heating (Long Body)
Carnival/Sedona(VQ)	2009	General Area	IMMO(Immobilizer)	Read Data Stream	
Carnival/Sedona(VQ)	2009	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Carnival/Sedona(VQ)	2009	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Carnival/Sedona(VQ)	2009	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Carnival/Sedona(VQ)	2009	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Carnival/Sedona(VQ)	2009	General Area	IMMO(Immobilizer)	Special Function	Teaching
Carnival/Sedona(VQ)	2009	General Area	PSD(Power Sliding Door)	Version Information	
Carnival/Sedona(VQ)	2009	General Area	PSD(Power Sliding Door)	Read Fault Code	
Carnival/Sedona(VQ)	2009	General Area	PSD(Power Sliding Door)	Clear Fault Memory	
Carnival/Sedona(VQ)	2009	General Area	PSD(Power Sliding Door)	Read Data Stream	
Carnival/Sedona(VQ)	2009	General Area	PTG(Power Tail Gate)	Version Information	
Carnival/Sedona(VQ)	2009	General Area	PTG(Power Tail Gate)	Read Fault Code	
Carnival/Sedona(VQ)	2009	General Area	PTG(Power Tail Gate)	Clear Fault Memory	

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2009	General Area	PTG(Power Tail Gate)	Read Data Stream	
Carnival/Sedona(VQ)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Carnival/Sedona(VQ)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carnival/Sedona(VQ)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carnival/Sedona(VQ)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Carnival/Sedona(VQ)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Carnival/Sedona(VQ)	2009	General Area	TCM(Transmission Control Module)	Version Information	
Carnival/Sedona(VQ)	2009	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carnival/Sedona(VQ)	2009	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carnival/Sedona(VQ)	2009	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carnival/Sedona(VQ)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Carnival/Sedona(VQ)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(VQ)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Solenoid Valve(SCSV C)
Carnival/Sedona(VQ)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Solenoid
Carnival/Sedona(VQ)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Carnival/Sedona(VQ)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Carnival/Sedona(VQ)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Carnival/Sedona(VQ)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Carnival/Sedona(VQ)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Carnival/Sedona(VQ)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Carnival/Sedona(VQ)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Carnival/Sedona(VQ)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Carnival/Sedona(VQ)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(VQ)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(VQ)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Carnival/Sedona(VQ)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Carnival/Sedona(VQ)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Carnival/Sedona(VQ)	2009	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Carnival/Sedona(VQ)	2008	General Area	ABS(Anti-Lock Brake System)	Version Information	
Carnival/Sedona(VQ)	2008	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Carnival/Sedona(VQ)	2008	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Carnival/Sedona(VQ)	2008	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carnival/Sedona(VQ)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Carnival/Sedona(VQ)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Carnival/Sedona(VQ)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Carnival/Sedona(VQ)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Carnival/Sedona(VQ)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Carnival/Sedona(VQ)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Carnival/Sedona(VQ)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Carnival/Sedona(VQ)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Carnival/Sedona(VQ)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Carnival/Sedona(VQ)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV1)

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV2)
Carnival/Sedona(VQ)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV1)
Carnival/Sedona(VQ)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV2)
Carnival/Sedona(VQ)	2008	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset
Carnival/Sedona(VQ)	2008	General Area	ABS(Anti-Lock Brake System)	Special Function	Steering Angle Sensor
Carnival/Sedona(VQ)	2008	General Area	ABS(Anti-Lock Brake System)	Special Function	Solenoid Valve Test
Carnival/Sedona(VQ)	2008	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Version Information	
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Read Fault Code	
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Clear Fault Memory	
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Read Data Stream	
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Carnival/Sedona(VQ)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Read Fault Code	
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Clear Fault Memory	
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Read Data Stream	
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Indicator
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Rear Defog Indicator
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	VAS Switch Indicator
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Burglar Relay
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Adjustable Pedal On/Off
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Relay
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Sound Mute Signal

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Panel Light Trip Computer
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	MTS Burglar Alram
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Sensor
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Indicator
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Voice Alarm System(VAS)
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Front Washer Switch
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Rear Washer Switch
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp High
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp-Low
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Right Parking Lamp
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Right Fog Lamp
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Left Head Lamp High
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low-Left
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Parking Lamp-Left
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Left Fog Lamp
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal-Left
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Wiper On/Off
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low/High State
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Horn
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Door
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-Down
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-Down
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Open/Close
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Open/Close
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	PTG Open/Close
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	PSD PTG On/Off
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Parking Signal
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Rear Defog
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Left
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp and Warning
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	License Side Marker
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Door Lock
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Motor

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Rear Blower Switch
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Fuel Filler Door Solenoid
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	MAP Lamp
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Fold Motor Power Feed
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Up
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Up
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Down
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Down
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Up
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Down
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Illumination
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp(ADM)
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Door Lock(ADM)
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock(ADM)
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up(ADM)
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down(ADM)

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left(ADM)
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right(ADM)
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog(ADM)
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Up(ADM)
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Down(ADM)
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Forward
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Backward
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Pedal Forward Motor
Carnival/Sedona(VQ)	2008	General Area	BCM(Body Control Module)	Actuation Test	Pedal Backward Motor
Carnival/Sedona(VQ)	2008	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Carnival/Sedona(VQ)	2008	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Version Information	
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Read Fault Code	
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Read Data Stream	
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Intake Throttle Actuator

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Inlet Metering Valve
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Swirl Valve
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Main Lamp
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Cruise On Lamp
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	A/C Relay
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	A/C Fan Relay
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Special Function	ECU Initialization
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Special Function	Read VIN

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Carnival/Sedona(VQ)	2008	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Carnival/Sedona(VQ)	2008	General Area	FFH(Fuel Fired Heater)	Read Fault Code	
Carnival/Sedona(VQ)	2008	General Area	FFH(Fuel Fired Heater)	Clear Fault Memory	
Carnival/Sedona(VQ)	2008	General Area	FFH(Fuel Fired Heater)	Read Data Stream	
Carnival/Sedona(VQ)	2008	General Area	FFH(Fuel Fired Heater)	Actuation Test	Heating
Carnival/Sedona(VQ)	2008	General Area	FFH(Fuel Fired Heater)	Actuation Test	Combustion Air Fan
Carnival/Sedona(VQ)	2008	General Area	FFH(Fuel Fired Heater)	Actuation Test	Glow Plug
Carnival/Sedona(VQ)	2008	General Area	FFH(Fuel Fired Heater)	Actuation Test	Fuel Pump
Carnival/Sedona(VQ)	2008	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling(Short Body)
Carnival/Sedona(VQ)	2008	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling(Long Body)
Carnival/Sedona(VQ)	2008	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling+Heating (Short Body)
Carnival/Sedona(VQ)	2008	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling+Heating (Long Body)
Carnival/Sedona(VQ)	2008	General Area	IMMO(Immobilizer)	Read Data Stream	
Carnival/Sedona(VQ)	2008	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Carnival/Sedona(VQ)	2008	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Carnival/Sedona(VQ)	2008	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Carnival/Sedona(VQ)	2008	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Carnival/Sedona(VQ)	2008	General Area	IMMO(Immobilizer)	Special Function	Teaching
Carnival/Sedona(VQ)	2008	General Area	PSD(Power Sliding Door)	Version Information	
Carnival/Sedona(VQ)	2008	General Area	PSD(Power Sliding Door)	Read Fault Code	

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2008	General Area	PSD(Power Sliding Door)	Clear Fault Memory	
Carnival/Sedona(VQ)	2008	General Area	PSD(Power Sliding Door)	Read Data Stream	
Carnival/Sedona(VQ)	2008	General Area	PTG(Power Tail Gate)	Version Information	
Carnival/Sedona(VQ)	2008	General Area	PTG(Power Tail Gate)	Read Fault Code	
Carnival/Sedona(VQ)	2008	General Area	PTG(Power Tail Gate)	Clear Fault Memory	
Carnival/Sedona(VQ)	2008	General Area	PTG(Power Tail Gate)	Read Data Stream	
Carnival/Sedona(VQ)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Carnival/Sedona(VQ)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carnival/Sedona(VQ)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carnival/Sedona(VQ)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Carnival/Sedona(VQ)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Carnival/Sedona(VQ)	2008	General Area	TCM(Transmission Control Module)	Version Information	
Carnival/Sedona(VQ)	2008	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carnival/Sedona(VQ)	2008	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carnival/Sedona(VQ)	2008	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carnival/Sedona(VQ)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Carnival/Sedona(VQ)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(VQ)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Solenoid Valve(SCSV C)
Carnival/Sedona(VQ)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Solenoid
Carnival/Sedona(VQ)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Carnival/Sedona(VQ)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Carnival/Sedona(VQ)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Carnival/Sedona(VQ)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Carnival/Sedona(VQ)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp
Carnival/Sedona(VQ)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Carnival/Sedona(VQ)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Carnival/Sedona(VQ)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Carnival/Sedona(VQ)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(VQ)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(VQ)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Carnival/Sedona(VQ)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Carnival/Sedona(VQ)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Carnival/Sedona(VQ)	2008	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Carnival/Sedona(VQ)	2007	General Area	ABS(Anti-Lock Brake System)	Version Information	
Carnival/Sedona(VQ)	2007	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Carnival/Sedona(VQ)	2007	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Carnival/Sedona(VQ)	2007	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carnival/Sedona(VQ)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Carnival/Sedona(VQ)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Carnival/Sedona(VQ)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Carnival/Sedona(VQ)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Carnival/Sedona(VQ)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Carnival/Sedona(VQ)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Carnival/Sedona(VQ)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Carnival/Sedona(VQ)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Carnival/Sedona(VQ)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV1)
Carnival/Sedona(VQ)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV2)
Carnival/Sedona(VQ)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV1)
Carnival/Sedona(VQ)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV2)
Carnival/Sedona(VQ)	2007	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset
Carnival/Sedona(VQ)	2007	General Area	ABS(Anti-Lock Brake System)	Special Function	Steering Angle Sensor
Carnival/Sedona(VQ)	2007	General Area	ABS(Anti-Lock Brake System)	Special Function	Solenoid Valve Test
Carnival/Sedona(VQ)	2007	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Version Information	
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Read Fault Code	
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Clear Fault Memory	
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Read Data Stream	
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Carnival/Sedona(VQ)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Read Fault Code	
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Clear Fault Memory	
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Read Data Stream	
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Indicator
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Rear Defog Indicator
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	VAS Switch Indicator
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Burglar Relay

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Adjustable Pedal On/Off
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Relay
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Sound Mute Signal
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Panel Light Trip Computer
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	MTS Burglar Alram
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Sensor
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Indicator
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Voice Alarm System(VAS)
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Front Washer Switch
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Rear Washer Switch
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp High
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp-Low
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Right Parking Lamp
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Right Fog Lamp
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Left Head Lamp High
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low-Left
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Parking Lamp-Left

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Left Fog Lamp
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal-Left
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Wiper On/Off
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low/High State
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Horn
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Door
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-Down
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-Down
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Open/Close
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Open/Close
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	PTG Open/Close
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	PSD PTG On/Off
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Parking Signal
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Rear Defog

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Left
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp and Warning
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	License Side Marker
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Door Lock
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Motor
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Rear Blower Switch
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Fuel Filler Door Solenoid
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	MAP Lamp
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Fold Motor Power Feed
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Up
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Up
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Down
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Down
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Up
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Down

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Illumination
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp(ADM)
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Door Lock(ADM)
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock(ADM)
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up(ADM)
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down(ADM)
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left(ADM)
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right(ADM)
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog(ADM)
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Up(ADM)
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Down(ADM)
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Forward
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Backward
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Pedal Forward Motor
Carnival/Sedona(VQ)	2007	General Area	BCM(Body Control Module)	Actuation Test	Pedal Backward Motor
Carnival/Sedona(VQ)	2007	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Carnival/Sedona(VQ)	2007	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Version Information	
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Read Fault Code	
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Read Data Stream	
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Intake Throttle Actuator
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Inlet Metering Valve
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Swirl Valve
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Main Lamp
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Cruise On Lamp
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	A/C Relay

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	A/C Fan Relay
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Special Function	ECU Initialization
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Carnival/Sedona(VQ)	2007	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Carnival/Sedona(VQ)	2007	General Area	FFH(Fuel Fired Heater)	Read Fault Code	
Carnival/Sedona(VQ)	2007	General Area	FFH(Fuel Fired Heater)	Clear Fault Memory	
Carnival/Sedona(VQ)	2007	General Area	FFH(Fuel Fired Heater)	Read Data Stream	
Carnival/Sedona(VQ)	2007	General Area	FFH(Fuel Fired Heater)	Actuation Test	Heating
Carnival/Sedona(VQ)	2007	General Area	FFH(Fuel Fired Heater)	Actuation Test	Combustion Air Fan
Carnival/Sedona(VQ)	2007	General Area	FFH(Fuel Fired Heater)	Actuation Test	Glow Plug
Carnival/Sedona(VQ)	2007	General Area	FFH(Fuel Fired Heater)	Actuation Test	Fuel Pump
Carnival/Sedona(VQ)	2007	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling(Short Body)
Carnival/Sedona(VQ)	2007	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling(Long Body)
Carnival/Sedona(VQ)	2007	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling+Heating (Short Body)
Carnival/Sedona(VQ)	2007	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling+Heating (Long Body)
Carnival/Sedona(VQ)	2007	General Area	IMMO(Immobilizer)	Read Data Stream	
Carnival/Sedona(VQ)	2007	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Carnival/Sedona(VQ)	2007	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2007	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Carnival/Sedona(VQ)	2007	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Carnival/Sedona(VQ)	2007	General Area	IMMO(Immobilizer)	Special Function	Teaching
Carnival/Sedona(VQ)	2007	General Area	PSD(Power Sliding Door)	Version Information	
Carnival/Sedona(VQ)	2007	General Area	PSD(Power Sliding Door)	Read Fault Code	
Carnival/Sedona(VQ)	2007	General Area	PSD(Power Sliding Door)	Clear Fault Memory	
Carnival/Sedona(VQ)	2007	General Area	PSD(Power Sliding Door)	Read Data Stream	
Carnival/Sedona(VQ)	2007	General Area	PTG(Power Tail Gate)	Version Information	
Carnival/Sedona(VQ)	2007	General Area	PTG(Power Tail Gate)	Read Fault Code	
Carnival/Sedona(VQ)	2007	General Area	PTG(Power Tail Gate)	Clear Fault Memory	
Carnival/Sedona(VQ)	2007	General Area	PTG(Power Tail Gate)	Read Data Stream	
Carnival/Sedona(VQ)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Carnival/Sedona(VQ)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carnival/Sedona(VQ)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carnival/Sedona(VQ)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Carnival/Sedona(VQ)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Carnival/Sedona(VQ)	2007	General Area	TCM(Transmission Control Module)	Version Information	
Carnival/Sedona(VQ)	2007	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carnival/Sedona(VQ)	2007	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carnival/Sedona(VQ)	2007	General Area	TCM(Transmission Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Carnival/Sedona(VQ)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(VQ)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Solenoid Valve(SCSV C)
Carnival/Sedona(VQ)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Solenoid
Carnival/Sedona(VQ)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Carnival/Sedona(VQ)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Carnival/Sedona(VQ)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Carnival/Sedona(VQ)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Carnival/Sedona(VQ)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Carnival/Sedona(VQ)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp
Carnival/Sedona(VQ)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Carnival/Sedona(VQ)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Carnival/Sedona(VQ)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Carnival/Sedona(VQ)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(VQ)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(VQ)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Carnival/Sedona(VQ)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Carnival/Sedona(VQ)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Carnival/Sedona(VQ)	2007	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Carnival/Sedona(VQ)	2006	General Area	ABS(Anti-Lock Brake System)	Version Information	
Carnival/Sedona(VQ)	2006	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Carnival/Sedona(VQ)	2006	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2006	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carnival/Sedona(VQ)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Carnival/Sedona(VQ)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Carnival/Sedona(VQ)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Carnival/Sedona(VQ)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Carnival/Sedona(VQ)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Carnival/Sedona(VQ)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Carnival/Sedona(VQ)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Carnival/Sedona(VQ)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Carnival/Sedona(VQ)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Carnival/Sedona(VQ)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV1)
Carnival/Sedona(VQ)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV2)
Carnival/Sedona(VQ)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV1)
Carnival/Sedona(VQ)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV2)
Carnival/Sedona(VQ)	2006	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset
Carnival/Sedona(VQ)	2006	General Area	ABS(Anti-Lock Brake System)	Special Function	Steering Angle Sensor
Carnival/Sedona(VQ)	2006	General Area	ABS(Anti-Lock Brake System)	Special Function	Solenoid Valve Test
Carnival/Sedona(VQ)	2006	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Version Information	
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Read Fault Code	
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Clear Fault Memory	
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Read Data Stream	

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Carnival/Sedona(VQ)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Read Fault Code	
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Read Data Stream	
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Indicator
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Rear Defog Indicator
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	VAS Switch Indicator
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Burglar Relay
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Adjustable Pedal On/Off
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Relay
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Sound Mute Signal
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Panel Light Trip Computer
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	MTS Burglar Alram
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Sensor
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Indicator
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Voice Alarm System(VAS)
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Front Washer Switch
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Rear Washer Switch
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp High
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp-Low
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Right Parking Lamp

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Right Fog Lamp
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Left Head Lamp High
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low-Left
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Parking Lamp-Left
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Left Fog Lamp
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal-Left
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Wiper On/Off
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low/High State
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Horn
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Door
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-Down
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-Down
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Open/Close

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Open/Close
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	PTG Open/Close
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	PSD PTG On/Off
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Parking Signal
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Rear Defog
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Left
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp and Warning
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	License Side Marker
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Door Lock
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Motor
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Rear Blower Switch
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Fuel Filler Door Solenoid
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	MAP Lamp
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Fold Motor Power Feed
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Up
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Up

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Down
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Down
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Up
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Down
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Illumination
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp(ADM)
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Door Lock(ADM)
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock(ADM)
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up(ADM)
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down(ADM)
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left(ADM)
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right(ADM)
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog(ADM)
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Up(ADM)
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Down(ADM)
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Forward

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Backward
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Pedal Forward Motor
Carnival/Sedona(VQ)	2006	General Area	BCM(Body Control Module)	Actuation Test	Pedal Backward Motor
Carnival/Sedona(VQ)	2006	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Carnival/Sedona(VQ)	2006	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Version Information	
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Read Fault Code	
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Read Data Stream	
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Intake Throttle Actuator
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Inlet Metering Valve
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Swirl Valve
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Main Lamp
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Cruise On Lamp
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	A/C Relay
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	A/C Fan Relay
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	A/C Clutch
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	TPS Min Learnt Reset
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Special Function	ECU Initialization
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Carnival/Sedona(VQ)	2006	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Carnival/Sedona(VQ)	2006	General Area	FFH(Fuel Fired Heater)	Read Fault Code	
Carnival/Sedona(VQ)	2006	General Area	FFH(Fuel Fired Heater)	Clear Fault Memory	
Carnival/Sedona(VQ)	2006	General Area	FFH(Fuel Fired Heater)	Read Data Stream	
Carnival/Sedona(VQ)	2006	General Area	FFH(Fuel Fired Heater)	Actuation Test	Heating
Carnival/Sedona(VQ)	2006	General Area	FFH(Fuel Fired Heater)	Actuation Test	Combustion Air Fan
Carnival/Sedona(VQ)	2006	General Area	FFH(Fuel Fired Heater)	Actuation Test	Glow Plug
Carnival/Sedona(VQ)	2006	General Area	FFH(Fuel Fired Heater)	Actuation Test	Fuel Pump
Carnival/Sedona(VQ)	2006	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling(Short Body)

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2006	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling(Long Body)
Carnival/Sedona(VQ)	2006	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling+Heating (Short Body)
Carnival/Sedona(VQ)	2006	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling+Heating (Long Body)
Carnival/Sedona(VQ)	2006	General Area	IMMO(Immobilizer)	Read Data Stream	
Carnival/Sedona(VQ)	2006	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Carnival/Sedona(VQ)	2006	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Carnival/Sedona(VQ)	2006	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Carnival/Sedona(VQ)	2006	General Area	IMMO(Immobilizer)	Special Function	Teaching
Carnival/Sedona(VQ)	2006	General Area	PSD(Power Sliding Door)	Version Information	
Carnival/Sedona(VQ)	2006	General Area	PSD(Power Sliding Door)	Read Fault Code	
Carnival/Sedona(VQ)	2006	General Area	PSD(Power Sliding Door)	Clear Fault Memory	
Carnival/Sedona(VQ)	2006	General Area	PSD(Power Sliding Door)	Read Data Stream	
Carnival/Sedona(VQ)	2006	General Area	PTG(Power Tail Gate)	Version Information	
Carnival/Sedona(VQ)	2006	General Area	PTG(Power Tail Gate)	Read Fault Code	
Carnival/Sedona(VQ)	2006	General Area	PTG(Power Tail Gate)	Clear Fault Memory	
Carnival/Sedona(VQ)	2006	General Area	PTG(Power Tail Gate)	Read Data Stream	
Carnival/Sedona(VQ)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Carnival/Sedona(VQ)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carnival/Sedona(VQ)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carnival/Sedona(VQ)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Carnival/Sedona(VQ)	2006	General Area	TCM(Transmission Control Module)	Version Information	
Carnival/Sedona(VQ)	2006	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carnival/Sedona(VQ)	2006	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carnival/Sedona(VQ)	2006	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carnival/Sedona(VQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Carnival/Sedona(VQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(VQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Solenoid Valve(SCSV C)
Carnival/Sedona(VQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Solenoid
Carnival/Sedona(VQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Carnival/Sedona(VQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Carnival/Sedona(VQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Carnival/Sedona(VQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Carnival/Sedona(VQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Carnival/Sedona(VQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp
Carnival/Sedona(VQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Carnival/Sedona(VQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Carnival/Sedona(VQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Relay
Carnival/Sedona(VQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Carnival/Sedona(VQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(VQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Carnival/Sedona(VQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-

model	year	area	system	function	subfunction
Carnival/Sedona(VQ)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Carnival/Sedona(VQ)	2006	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Carnival/Sedona(YP)	2016	General Area	AC(Air Conditioning)	Version Information	
Carnival/Sedona(YP)	2016	General Area	AC(Air Conditioning)	Read Fault Code	
Carnival/Sedona(YP)	2016	General Area	AC(Air Conditioning)	Clear Fault Memory	
Carnival/Sedona(YP)	2016	General Area	AC(Air Conditioning)	Read Data Stream	
Carnival/Sedona(YP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Carnival/Sedona(YP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Carnival/Sedona(YP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Carnival/Sedona(YP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Carnival/Sedona(YP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Carnival/Sedona(YP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Carnival/Sedona(YP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Carnival/Sedona(YP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Carnival/Sedona(YP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Carnival/Sedona(YP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Carnival/Sedona(YP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Carnival/Sedona(YP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Carnival/Sedona(YP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-1Step
Carnival/Sedona(YP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-2Step
Carnival/Sedona(YP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-3Step
Carnival/Sedona(YP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-4Step

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-5Step
Carnival/Sedona(YP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-6Step
Carnival/Sedona(YP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-7Step
Carnival/Sedona(YP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-8Step
Carnival/Sedona(YP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Carnival/Sedona(YP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Carnival/Sedona(YP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Carnival/Sedona(YP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Close
Carnival/Sedona(YP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Drive Mode Door Open
Carnival/Sedona(YP)	2016	General Area	AC(Air Conditioning)	Actuation Test	Drive Mode Door Close
Carnival/Sedona(YP)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Carnival/Sedona(YP)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Carnival/Sedona(YP)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Carnival/Sedona(YP)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Carnival/Sedona(YP)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Actuator 20%
Carnival/Sedona(YP)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Actuator 80%
Carnival/Sedona(YP)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Sensor Origin Point
Carnival/Sedona(YP)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Setting&Zero position Initial
Carnival/Sedona(YP)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Carnival/Sedona(YP)	2016	General Area	AHS(Active Hood System)	Version Information	
Carnival/Sedona(YP)	2016	General Area	AHS(Active Hood System)	Read Fault Code	
Carnival/Sedona(YP)	2016	General Area	AHS(Active Hood System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Version Information	
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Read Fault Code	
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Clear Fault Memory	
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Read Data Stream	
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Output
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Indicator
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Map Lamp Output
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Alt'L Signal Out
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Lamp
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Washer Motor Output
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Washer Motor Output
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window Up
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Highest Position
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Lowest Position
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Left Position

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Right Position
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Fold
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Unfold
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Puddle Lamp
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Lock
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Unlock
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Repeater
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	BSD Indicator
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Courtesy Lamp
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Heater Control
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Auto Up
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Auto
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Up
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Down
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Pocket Light Output(Option)
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Illumination
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Window Lock to Assist Door
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window Up

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Highest Position
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Lowest Position
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Left Position
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Right Position
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Fold
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Unfold
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Drive Side Puddle Lamp
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Lock
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Side Repeater
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Courtesy Lamp
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Heater Control
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Window Auto Up
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Auto
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Up
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Down
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Auto Up
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Auto

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Up
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Down
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Auto
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Up
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Down
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Window Lock to Driver Door
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(Headrest
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(Headrest

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Foremost Position(Cushion Extension)
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Last Position(Cushion Extension)
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Parasitic Current Auto-Block IPS
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt Indicator
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt Indicator
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt Indicator
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left/Right
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Right
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	High Mounted Stop Lamp
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	RL Door Lock Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	RL Door Unlock Relay
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Up
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Down
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Left
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Right
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window DOWN
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window UP
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window DOWN
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LOCK
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Courtesy Lamp
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Power Window UP
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Power Window DOWN
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window UP
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Special Function	CLU Variant Coding
Carnival/Sedona(YP)	2016	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2016	General Area	CCS(Cruise Control System)	Version Information	
Carnival/Sedona(YP)	2016	General Area	CCS(Cruise Control System)	Read Fault Code	
Carnival/Sedona(YP)	2016	General Area	CCS(Cruise Control System)	Clear Fault Memory	
Carnival/Sedona(YP)	2016	General Area	CCS(Cruise Control System)	Read Data Stream	
Carnival/Sedona(YP)	2016	General Area	CCS(Cruise Control System)	Special Function	SCC Alignment
Carnival/Sedona(YP)	2016	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Carnival/Sedona(YP)	2016	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Version Information	
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Read Fault Code	
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Read Data Stream	
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-High
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-Low
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	TEC Learn

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VCM Type VIS 2
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 1
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 2
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 3
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 4
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 5
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 6
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI High Pressure Offset
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Electrical Water Heater
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PTC Relay
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Main Water Pump
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #1 Actuation
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #2 Actuation
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #3 Actuation
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #4 Actuation

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Relay
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GRU(Glow Relay Unit)15%Duty
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 10%
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 90%
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 10%
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 90%
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 10%
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 90%
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 5%
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 95%
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed PWM Output
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 5%
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 95%
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 5%
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 95%
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 5%
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 95%

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control Actuator(2000
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Carnival/Sedona(YP)	2016	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Carnival/Sedona(YP)	2016	General Area	ESP(Electronic Stability Program)	Version Information	
Carnival/Sedona(YP)	2016	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Carnival/Sedona(YP)	2016	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Carnival/Sedona(YP)	2016	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Carnival/Sedona(YP)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Carnival/Sedona(YP)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Carnival/Sedona(YP)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Carnival/Sedona(YP)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Carnival/Sedona(YP)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Carnival/Sedona(YP)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Carnival/Sedona(YP)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Carnival/Sedona(YP)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Carnival/Sedona(YP)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Carnival/Sedona(YP)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Carnival/Sedona(YP)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Carnival/Sedona(YP)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Carnival/Sedona(YP)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Carnival/Sedona(YP)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Carnival/Sedona(YP)	2016	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Carnival/Sedona(YP)	2016	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Carnival/Sedona(YP)	2016	General Area	ESP(Electronic Stability Program)	Special Function	SAS Calibration(CAN-ESP Only)
Carnival/Sedona(YP)	2016	General Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Carnival/Sedona(YP)	2016	General Area	ESP(Electronic Stability Program)	Special Function	Variant Coding
Carnival/Sedona(YP)	2016	General Area	IMMO(Immobilizer)	Read Fault Code	
Carnival/Sedona(YP)	2016	General Area	IMMO(Immobilizer)	Clear Fault Memory	
Carnival/Sedona(YP)	2016	General Area	IMMO(Immobilizer)	Read Data Stream	
Carnival/Sedona(YP)	2016	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Carnival/Sedona(YP)	2016	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Carnival/Sedona(YP)	2016	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Carnival/Sedona(YP)	2016	General Area	IMMO(Immobilizer)	Special Function	Teaching
Carnival/Sedona(YP)	2016	General Area	LDWS(Lane Departure Warning System)	Version Information	
Carnival/Sedona(YP)	2016	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Carnival/Sedona(YP)	2016	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2016	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Carnival/Sedona(YP)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Left Mirror LED ON
Carnival/Sedona(YP)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Left Mirror LED Blinking
Carnival/Sedona(YP)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Right Mirror LED ON
Carnival/Sedona(YP)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Right Mirror LED Blinking
Carnival/Sedona(YP)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	BSD Switch LED ON/OFF
Carnival/Sedona(YP)	2016	General Area	LDWS(Lane Departure Warning System)	Special Function	BSD Radar Calibration
Carnival/Sedona(YP)	2016	General Area	LDWS(Lane Departure Warning System)	Special Function	SPTAC Calibration
Carnival/Sedona(YP)	2016	General Area	LDWS(Lane Departure Warning System)	Special Function	LKAS/LDWS Variant Coding
Carnival/Sedona(YP)	2016	General Area	Smart Key Unit	Version Information	
Carnival/Sedona(YP)	2016	General Area	Smart Key Unit	Read Fault Code	
Carnival/Sedona(YP)	2016	General Area	Smart Key Unit	Clear Fault Memory	
Carnival/Sedona(YP)	2016	General Area	Smart Key Unit	Read Data Stream	
Carnival/Sedona(YP)	2016	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Carnival/Sedona(YP)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Carnival/Sedona(YP)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Carnival/Sedona(YP)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED White
Carnival/Sedona(YP)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Carnival/Sedona(YP)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Carnival/Sedona(YP)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Carnival/Sedona(YP)	2016	General Area	Smart Key Unit	Actuation Test	ACC Relay
Carnival/Sedona(YP)	2016	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Carnival/Sedona(YP)	2016	General Area	Smart Key Unit	Actuation Test	IGN2 Relay

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2016	General Area	Smart Key Unit	Actuation Test	Starter Relay
Carnival/Sedona(YP)	2016	General Area	Smart Key Unit	Actuation Test	External Buzzer
Carnival/Sedona(YP)	2016	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Carnival/Sedona(YP)	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Carnival/Sedona(YP)	2016	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Carnival/Sedona(YP)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Carnival/Sedona(YP)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna 1
Carnival/Sedona(YP)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna 2
Carnival/Sedona(YP)	2016	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Carnival/Sedona(YP)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna 3
Carnival/Sedona(YP)	2016	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Carnival/Sedona(YP)	2016	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Carnival/Sedona(YP)	2016	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Carnival/Sedona(YP)	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Carnival/Sedona(YP)	2016	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Carnival/Sedona(YP)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Carnival/Sedona(YP)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carnival/Sedona(YP)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carnival/Sedona(YP)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Carnival/Sedona(YP)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2016	General Area	SVMS(Surround View Monitor System)	Version Information	
Carnival/Sedona(YP)	2016	General Area	SVMS(Surround View Monitor System)	Read Fault Code	
Carnival/Sedona(YP)	2016	General Area	SVMS(Surround View Monitor System)	Clear Fault Memory	
Carnival/Sedona(YP)	2016	General Area	SVMS(Surround View Monitor System)	Read Data Stream	
Carnival/Sedona(YP)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-SVM View
Carnival/Sedona(YP)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-SVM View
Carnival/Sedona(YP)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Left View
Carnival/Sedona(YP)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Left View
Carnival/Sedona(YP)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Right View
Carnival/Sedona(YP)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Right View
Carnival/Sedona(YP)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Wide View
Carnival/Sedona(YP)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Wide View
Carnival/Sedona(YP)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 25%
Carnival/Sedona(YP)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 100%
Carnival/Sedona(YP)	2016	General Area	TCM(Transmission Control Module)	Version Information	
Carnival/Sedona(YP)	2016	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carnival/Sedona(YP)	2016	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carnival/Sedona(YP)	2016	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carnival/Sedona(YP)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Carnival/Sedona(YP)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Carnival/Sedona(YP)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Carnival/Sedona(YP)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Carnival/Sedona(YP)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Carnival/Sedona(YP)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Carnival/Sedona(YP)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Carnival/Sedona(YP)	2016	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Carnival/Sedona(YP)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Carnival/Sedona(YP)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Carnival/Sedona(YP)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Carnival/Sedona(YP)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Carnival/Sedona(YP)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Carnival/Sedona(YP)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Carnival/Sedona(YP)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Carnival/Sedona(YP)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Carnival/Sedona(YP)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Carnival/Sedona(YP)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Carnival/Sedona(YP)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Carnival/Sedona(YP)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Carnival/Sedona(YP)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Actuator 20%
Carnival/Sedona(YP)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Actuator 80%

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Sensor Origin Point
Carnival/Sedona(YP)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Setting&Zero position Initial
Carnival/Sedona(YP)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Carnival/Sedona(YP)	2015	General Area	AHS(Active Hood System)	Version Information	
Carnival/Sedona(YP)	2015	General Area	AHS(Active Hood System)	Read Fault Code	
Carnival/Sedona(YP)	2015	General Area	AHS(Active Hood System)	Clear Fault Memory	
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Version Information	
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Read Fault Code	
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Clear Fault Memory	
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Read Data Stream	
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Parasitic Current Auto-Block IPS
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt Indicator

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt Indicator
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt Indicator
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left/Right
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Right
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	High Mounted Stop Lamp
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	RL Door Lock Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	RL Door Unlock Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Up
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Down
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Left
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Right
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window DOWN
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window UP
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window DOWN
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LOCK
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Courtesy Lamp
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Power Window UP
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Power Window DOWN
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window UP
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window Up

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Highest Position
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Lowest Position
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Left Position
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Right Position
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Fold
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Unfold
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Drive Side Puddle Lamp
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Lock
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Side Repeater
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	BSD Indicator
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Courtesy Lamp
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Heater Control
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Window Auto Up
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Auto
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Up
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Down

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Pocket Light Output(Option)
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Auto Up
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Auto
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Up
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Down
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Auto Up
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Auto
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Up
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Down
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Illumination
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Window Lock to Driver Door
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window Up
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Highest Position
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Lowest Position
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Left Position
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Right Position

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Fold
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Unfold
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Puddle Lamp
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Lock
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Unlock
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Repeater
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Courtesy Lamp
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Heater Control
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Auto
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Up
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Down
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Window Lock to Assist Door
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Output
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Indicator
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Map Lamp Output

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Alt'L Signal Out
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Relay
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Lamp
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Washer Motor Output
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Washer Motor Output
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(Headrest
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(Headrest

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Foremost Position(Cushion Extension)
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Last Position(Cushion Extension)
Carnival/Sedona(YP)	2015	General Area	BCM(Body Control Module)	Special Function	CLU Variant Coding
Carnival/Sedona(YP)	2015	General Area	CCS(Cruise Control System)	Version Information	
Carnival/Sedona(YP)	2015	General Area	CCS(Cruise Control System)	Read Fault Code	
Carnival/Sedona(YP)	2015	General Area	CCS(Cruise Control System)	Clear Fault Memory	
Carnival/Sedona(YP)	2015	General Area	CCS(Cruise Control System)	Read Data Stream	
Carnival/Sedona(YP)	2015	General Area	CCS(Cruise Control System)	Special Function	SCC Alignment
Carnival/Sedona(YP)	2015	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Carnival/Sedona(YP)	2015	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Carnival/Sedona(YP)	2015	General Area	Dual Auto Temperature	Version Information	
Carnival/Sedona(YP)	2015	General Area	Dual Auto Temperature	Read Fault Code	
Carnival/Sedona(YP)	2015	General Area	Dual Auto Temperature	Clear Fault Memory	
Carnival/Sedona(YP)	2015	General Area	Dual Auto Temperature	Read Data Stream	
Carnival/Sedona(YP)	2015	General Area	Dual Auto Temperature	Actuation Test	Driver Air Mix Door-0%
Carnival/Sedona(YP)	2015	General Area	Dual Auto Temperature	Actuation Test	Driver Air Mix Door-50%
Carnival/Sedona(YP)	2015	General Area	Dual Auto Temperature	Actuation Test	Driver Air Mix Door-100%
Carnival/Sedona(YP)	2015	General Area	Dual Auto Temperature	Actuation Test	Passenger Air Mix Door-0%
Carnival/Sedona(YP)	2015	General Area	Dual Auto Temperature	Actuation Test	Passenger Air Mix Door-50%
Carnival/Sedona(YP)	2015	General Area	Dual Auto Temperature	Actuation Test	Passenger Air Mix Door-100%
Carnival/Sedona(YP)	2015	General Area	Dual Auto Temperature	Actuation Test	Driver Mode Door-Vent

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2015	General Area	Dual Auto Temperature	Actuation Test	Driver Mode Door-Floor
Carnival/Sedona(YP)	2015	General Area	Dual Auto Temperature	Actuation Test	Driver Mode Door-Defrost
Carnival/Sedona(YP)	2015	General Area	Dual Auto Temperature	Actuation Test	Air Inlet Mode Selection-Fresh
Carnival/Sedona(YP)	2015	General Area	Dual Auto Temperature Control(DATC)	Actuation Test	Air Inlet Mode Selection-Recirculation
Carnival/Sedona(YP)	2015	General Area	Dual Auto Temperature	Actuation Test	Blower Fan Motor-Off
Carnival/Sedona(YP)	2015	General Area	Dual Auto Temperature	Actuation Test	Blower Fan Motor-1Step
Carnival/Sedona(YP)	2015	General Area	Dual Auto Temperature	Actuation Test	Blower Fan Motor-2Step
Carnival/Sedona(YP)	2015	General Area	Dual Auto Temperature	Actuation Test	Blower Fan Motor-3Step
Carnival/Sedona(YP)	2015	General Area	Dual Auto Temperature	Actuation Test	Blower Fan Motor-4Step
Carnival/Sedona(YP)	2015	General Area	Dual Auto Temperature	Actuation Test	Blower Fan Motor-5Step
Carnival/Sedona(YP)	2015	General Area	Dual Auto Temperature	Actuation Test	Blower Fan Motor-6Step
Carnival/Sedona(YP)	2015	General Area	Dual Auto Temperature	Actuation Test	Blower Fan Motor-7Step
Carnival/Sedona(YP)	2015	General Area	Dual Auto Temperature	Actuation Test	Blower Fan Motor-8Step
Carnival/Sedona(YP)	2015	General Area	Dual Auto Temperature	Actuation Test	Compressor On
Carnival/Sedona(YP)	2015	General Area	Dual Auto Temperature	Actuation Test	Compressor Off
Carnival/Sedona(YP)	2015	General Area	Dual Auto Temperature	Actuation Test	Def Door-Open
Carnival/Sedona(YP)	2015	General Area	Dual Auto Temperature	Actuation Test	Def Door-Close
Carnival/Sedona(YP)	2015	General Area	Dual Auto Temperature	Actuation Test	Drive Mode Door Open
Carnival/Sedona(YP)	2015	General Area	Dual Auto Temperature	Actuation Test	Drive Mode Door Close
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Version Information	
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Read Fault Code	
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Read Data Stream	
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-High
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-Low
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	TEC Learn
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VCM Type VIS 2
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 1
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 2
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 3

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 4
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 5
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 6
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI High Pressure Offset
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Electrical Water Heater
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	PTC Relay
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Main Water Pump
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector #1 Actuation
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector #2 Actuation
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector #3 Actuation
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector #4 Actuation
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Relay
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GRU(Glow Relay Unit)15%Duty
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 10%
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 90%
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 10%
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 90%

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 10%
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 90%
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 5%
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 95%
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed PWM Output
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 5%
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 95%
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 5%
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 95%
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 5%
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 95%
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control Actuator(2000
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Special Function	ECU Tuning Data Confirm

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Special Function	Fuel Line Air Remove
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Special Function	Essential Work After Component Replacement
Carnival/Sedona(YP)	2015	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Carnival/Sedona(YP)	2015	General Area	ESP(Electronic Stability Program)	Version Information	
Carnival/Sedona(YP)	2015	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Carnival/Sedona(YP)	2015	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Carnival/Sedona(YP)	2015	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Carnival/Sedona(YP)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Carnival/Sedona(YP)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Carnival/Sedona(YP)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Carnival/Sedona(YP)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Carnival/Sedona(YP)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Carnival/Sedona(YP)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Carnival/Sedona(YP)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Carnival/Sedona(YP)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Carnival/Sedona(YP)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Carnival/Sedona(YP)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Carnival/Sedona(YP)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Carnival/Sedona(YP)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Carnival/Sedona(YP)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Carnival/Sedona(YP)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Carnival/Sedona(YP)	2015	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Carnival/Sedona(YP)	2015	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Carnival/Sedona(YP)	2015	General Area	ESP(Electronic Stability Program)	Special Function	SAS Calibration(CAN-ESP Only)
Carnival/Sedona(YP)	2015	General Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Carnival/Sedona(YP)	2015	General Area	ESP(Electronic Stability Program)	Special Function	Variant Coding
Carnival/Sedona(YP)	2015	General Area	IMMO(Immobilizer)	Read Fault Code	
Carnival/Sedona(YP)	2015	General Area	IMMO(Immobilizer)	Clear Fault Memory	
Carnival/Sedona(YP)	2015	General Area	IMMO(Immobilizer)	Read Data Stream	
Carnival/Sedona(YP)	2015	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Carnival/Sedona(YP)	2015	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Carnival/Sedona(YP)	2015	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Carnival/Sedona(YP)	2015	General Area	IMMO(Immobilizer)	Special Function	Teaching
Carnival/Sedona(YP)	2015	General Area	IMMO(Immobilizer)	Special Function	EMS Neutral Mode
Carnival/Sedona(YP)	2015	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Carnival/Sedona(YP)	2015	General Area	LDWS(Lane Departure Warning System)	Version Information	
Carnival/Sedona(YP)	2015	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Carnival/Sedona(YP)	2015	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Carnival/Sedona(YP)	2015	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Carnival/Sedona(YP)	2015	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Right Mirror LED ON

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2015	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Right Mirror LED Blinking
Carnival/Sedona(YP)	2015	General Area	LDWS(Lane Departure Warning System)	Actuation Test	BSD Switch LED ON/OFF
Carnival/Sedona(YP)	2015	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Left Mirror LED ON
Carnival/Sedona(YP)	2015	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Left Mirror LED Blinking
Carnival/Sedona(YP)	2015	General Area	LDWS(Lane Departure Warning System)	Special Function	SPTAC Calibration
Carnival/Sedona(YP)	2015	General Area	LDWS(Lane Departure Warning System)	Special Function	LKAS/LDWS Variant Coding
Carnival/Sedona(YP)	2015	General Area	LDWS(Lane Departure Warning System)	Special Function	BSD Radar Calibration
Carnival/Sedona(YP)	2015	General Area	PSD(Power Sliding Door)	Version Information	
Carnival/Sedona(YP)	2015	General Area	PSD(Power Sliding Door)	Read Fault Code	
Carnival/Sedona(YP)	2015	General Area	PSD(Power Sliding Door)	Clear Fault Memory	
Carnival/Sedona(YP)	2015	General Area	PSD(Power Sliding Door)	Read Data Stream	
Carnival/Sedona(YP)	2015	General Area	PTG(Power Tail Gate)	Version Information	
Carnival/Sedona(YP)	2015	General Area	PTG(Power Tail Gate)	Read Fault Code	
Carnival/Sedona(YP)	2015	General Area	PTG(Power Tail Gate)	Clear Fault Memory	
Carnival/Sedona(YP)	2015	General Area	PTG(Power Tail Gate)	Read Data Stream	
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Version Information	
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Read Fault Code	
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Clear Fault Memory	
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Read Data Stream	
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED White

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Actuation Test	ACC Relay
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Actuation Test	Starter Relay
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Actuation Test	External Buzzer
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna 1
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna 2
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna 3
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Special Function	Neutralization Mode

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Special Function	SMK Status Information
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Special Function	ESCL Status Information
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Carnival/Sedona(YP)	2015	General Area	Smart Key Unit	Special Function	Antenna Status Check
Carnival/Sedona(YP)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Carnival/Sedona(YP)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carnival/Sedona(YP)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carnival/Sedona(YP)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Carnival/Sedona(YP)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Carnival/Sedona(YP)	2015	General Area	SVMS(Surround View Monitor System)	Version Information	
Carnival/Sedona(YP)	2015	General Area	SVMS(Surround View Monitor System)	Read Fault Code	
Carnival/Sedona(YP)	2015	General Area	SVMS(Surround View Monitor System)	Clear Fault Memory	
Carnival/Sedona(YP)	2015	General Area	SVMS(Surround View Monitor System)	Read Data Stream	
Carnival/Sedona(YP)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-SVM View
Carnival/Sedona(YP)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-SVM View
Carnival/Sedona(YP)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Left View
Carnival/Sedona(YP)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Left View

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Right View
Carnival/Sedona(YP)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Right View
Carnival/Sedona(YP)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Wide View
Carnival/Sedona(YP)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Wide View
Carnival/Sedona(YP)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 25%
Carnival/Sedona(YP)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 100%
Carnival/Sedona(YP)	2015	General Area	TCM(Transmission Control Module)	Version Information	
Carnival/Sedona(YP)	2015	General Area	TCM(Transmission Control Module)	Read Fault Code	
Carnival/Sedona(YP)	2015	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Carnival/Sedona(YP)	2015	General Area	TCM(Transmission Control Module)	Read Data Stream	
Carnival/Sedona(YP)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Carnival/Sedona(YP)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Carnival/Sedona(YP)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Carnival/Sedona(YP)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Carnival/Sedona(YP)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Carnival/Sedona(YP)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Carnival/Sedona(YP)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Carnival/Sedona(YP)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Carnival/Sedona(YP)	2015	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values

model	year	area	system	function	subfunction
Carnival/Sedona(YP)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Carnival/Sedona(YP)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Carnival/Sedona(YP)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Carnival/Sedona(YP)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Carnival/Sedona(YP)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Carnival/Sedona(YP)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Carnival/Sedona(YP)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Carnival/Sedona(YP)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Carstar	2002	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Carstar	2002	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Carstar	2002	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carstar	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE/MOTOR
Carstar	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE/MOTOR
Carstar	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE/MOTOR
Carstar	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE/MOTOR
Carstar	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	MOTOR PUMP RELAY
Carstar	2002	General Area	ECM(Engine Control Module)	Read Fault Code	
Carstar	2002	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carstar	2002	General Area	ECM(Engine Control Module)	Read Data Stream	
Carstar	2002	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carstar	2002	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Carstar	2002	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Carstar	2001	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Carstar	2001	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Carstar	2001	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carstar	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE/MOTOR
Carstar	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE/MOTOR
Carstar	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE/MOTOR
Carstar	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE/MOTOR
Carstar	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	MOTOR PUMP RELAY
Carstar	2001	General Area	ECM(Engine Control Module)	Read Fault Code	
Carstar	2001	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carstar	2001	General Area	ECM(Engine Control Module)	Read Data Stream	
Carstar	2001	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carstar	2001	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carstar	2001	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Carstar	2000	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Carstar	2000	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Carstar	2000	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carstar	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE/MOTOR
Carstar	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE/MOTOR
Carstar	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE/MOTOR

model	year	area	system	function	subfunction
Carstar	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE/MOTOR
Carstar	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	MOTOR PUMP RELAY
Carstar	2000	General Area	ECM(Engine Control Module)	Read Fault Code	
Carstar	2000	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carstar	2000	General Area	ECM(Engine Control Module)	Read Data Stream	
Carstar	2000	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Carstar	2000	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carstar	2000	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Carstar	1999	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Carstar	1999	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Carstar	1999	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Carstar	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE/MOTOR
Carstar	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE/MOTOR
Carstar	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE/MOTOR
Carstar	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE/MOTOR
Carstar	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	MOTOR PUMP RELAY
Carstar	1999	General Area	ECM(Engine Control Module)	Read Fault Code	
Carstar	1999	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Carstar	1999	General Area	ECM(Engine Control Module)	Read Data Stream	
Carstar	1999	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	

model	year	area	system	function	subfunction
Carstar	1999	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Carstar	1999	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Version	
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Read Fault Code	
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Clear Fault	
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Read Data	
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh

model	year	area	system	function	subfunction
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%

model	year	area	system	function	subfunction
Cee'd(ED)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Cee'd(ED)	2013	General Area	BCM(Body Control Module)	Version Information	
Cee'd(ED)	2013	General Area	BCM(Body Control Module)	Read Data Stream	
Cee'd(ED)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Cee'd(ED)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Cee'd(ED)	2013	General Area	BCM(Body Control Module)	Actuation Test	Driver unlock relay(Dead lock relay)
Cee'd(ED)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Cee'd(ED)	2013	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Cee'd(ED)	2013	General Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Cee'd(ED)	2013	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Cee'd(ED)	2013	General Area	BCM(Body Control Module)	Actuation Test	Starter inhibit relay
Cee'd(ED)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay/DRL Unit
Cee'd(ED)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head lamp relay
Cee'd(ED)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Cee'd(ED)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Cee'd(ED)	2013	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Cee'd(ED)	2013	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Cee'd(ED)	2013	General Area	BCM(Body Control Module)	Actuation Test	Security indicator
Cee'd(ED)	2013	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Cee'd(ED)	2013	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Cee'd(ED)	2013	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Cee'd(ED)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tailgate unlock relay

model	year	area	system	function	subfunction
Cee'd(ED)	2013	General Area	BCM(Body Control Module)	Actuation Test	Front Defogger Relay
Cee'd(ED)	2013	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Cee'd(ED)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock
Cee'd(ED)	2013	General Area	BCM(Body Control Module)	Actuation Test	Central door lock
Cee'd(ED)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Cee'd(ED)	2013	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Cee'd(ED)	2013	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Version Information	
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Read Fault Code	
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Read Data Stream	
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4

model	year	area	system	function	subfunction
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM

model	year	area	system	function	subfunction
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5

model	year	area	system	function	subfunction
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2

model	year	area	system	function	subfunction
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp

model	year	area	system	function	subfunction
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	MIL
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Heater Relay
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VGT Actuator
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 5%
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 95%
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 5%

model	year	area	system	function	subfunction
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 95%
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 5%
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 76%
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 5%
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 95%
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Starter Relay
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Special Function	Ignition Test
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine

model	year	area	system	function	subfunction
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Cee'd(ED)	2013	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Version Information	
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Brake Lamp Control
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	IFL Control
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	OFL Control
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	IFR Control

model	year	area	system	function	subfunction
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	IRL Control
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	ORL Control
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	IRR Control
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	ORR Control
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS FR Valve Control
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS FL Valve Control
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV-R Control
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV-L Control
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	In-Line Bleeding
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Repair Bleeding-FL/RR Circuit
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Repair Bleeding-FR/RL Circuit
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	HAC Brake Lamp Actuator
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Lamp
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Cee'd(ED)	2013	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset
Cee'd(ED)	2013	General Area	IMMO(Immobilizer)	Read Data	
Cee'd(ED)	2013	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cee'd(ED)	2013	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cee'd(ED)	2013	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cee'd(ED)	2013	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Cee'd(ED)	2013	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cee'd(ED)	2013	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Cee'd(ED)	2013	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	

model	year	area	system	function	subfunction
Cee'd(ED)	2013	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Cee'd(ED)	2013	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Cee'd(ED)	2013	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Cee'd(ED)	2013	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Cee'd(ED)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Cee'd(ED)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cee'd(ED)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cee'd(ED)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cee'd(ED)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Cee'd(ED)	2013	General Area	TCM(Transmission Control Module)	Version Information	
Cee'd(ED)	2013	General Area	TCM(Transmission Control Module)	Read Fault Code	
Cee'd(ED)	2013	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cee'd(ED)	2013	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cee'd(ED)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
Cee'd(ED)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
Cee'd(ED)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-C(PCSV-C)
Cee'd(ED)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	On/Off Solenoid(SCSV-A)
Cee'd(ED)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve

model	year	area	system	function	subfunction
Cee'd(ED)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid
Cee'd(ED)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-A
Cee'd(ED)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Cee'd(ED)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Cee'd(ED)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Cee'd(ED)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Cee'd(ED)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Cee'd(ED)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Cee'd(ED)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Cee'd(ED)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Cee'd(ED)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Cee'd(ED)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Cee'd(ED)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Cee'd(ED)	2013	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Cee'd(ED)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Cee'd(ED)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Cee'd(ED)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Cee'd(ED)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Cee'd(ED)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Cee'd(ED)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Cee'd(ED)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Cee'd(ED)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front

model	year	area	system	function	subfunction
Cee'd(ED)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Cee'd(ED)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Cee'd(ED)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Cee'd(ED)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Cee'd(ED)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Cee'd(ED)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Cee'd(ED)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Version	
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Read Fault Code	
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Clear Fault	
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Read Data	
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation

model	year	area	system	function	subfunction
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%

model	year	area	system	function	subfunction
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Cee'd(ED)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Cee'd(ED)	2012	General Area	BCM(Body Control Module)	Version Information	
Cee'd(ED)	2012	General Area	BCM(Body Control Module)	Read Data Stream	
Cee'd(ED)	2012	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Cee'd(ED)	2012	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Cee'd(ED)	2012	General Area	BCM(Body Control Module)	Actuation Test	Driver unlock relay(Dead lock relay)
Cee'd(ED)	2012	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Cee'd(ED)	2012	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Cee'd(ED)	2012	General Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Cee'd(ED)	2012	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Cee'd(ED)	2012	General Area	BCM(Body Control Module)	Actuation Test	Starter inhibit relay
Cee'd(ED)	2012	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay/DRL Unit
Cee'd(ED)	2012	General Area	BCM(Body Control Module)	Actuation Test	Head lamp relay
Cee'd(ED)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Cee'd(ED)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Cee'd(ED)	2012	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Cee'd(ED)	2012	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)

model	year	area	system	function	subfunction
Cee'd(ED)	2012	General Area	BCM(Body Control Module)	Actuation Test	Security indicator
Cee'd(ED)	2012	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Cee'd(ED)	2012	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Cee'd(ED)	2012	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Cee'd(ED)	2012	General Area	BCM(Body Control Module)	Actuation Test	Tailgate unlock relay
Cee'd(ED)	2012	General Area	BCM(Body Control Module)	Actuation Test	Front Defogger Relay
Cee'd(ED)	2012	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Cee'd(ED)	2012	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock
Cee'd(ED)	2012	General Area	BCM(Body Control Module)	Actuation Test	Central door lock
Cee'd(ED)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Cee'd(ED)	2012	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Cee'd(ED)	2012	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Version Information	
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Read Fault Code	
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Read Data Stream	
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	A/C COMPRESSOR
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)

model	year	area	system	function	subfunction
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 5%
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 95%
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 5%
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 95%
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 5%
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 76%
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 5%
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 95%
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Starter Relay
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%

model	year	area	system	function	subfunction
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	MIL
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Heater Relay
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VGT Actuator
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater

model	year	area	system	function	subfunction
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer

model	year	area	system	function	subfunction
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1

model	year	area	system	function	subfunction
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1

model	year	area	system	function	subfunction
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration

model	year	area	system	function	subfunction
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Special Function	Ignition Test
Cee'd(ED)	2012	General Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Cee'd(ED)	2012	General Area	EPS(Electronic Power Steering)	Version Information	
Cee'd(ED)	2012	General Area	EPS(Electronic Power Steering)	Read Fault Code	
Cee'd(ED)	2012	General Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Cee'd(ED)	2012	General Area	EPS(Electronic Power Steering)	Read Data Stream	
Cee'd(ED)	2012	General Area	EPS(Electronic Power Steering)	Special Function	ASP Calibration
Cee'd(ED)	2012	General Area	EPS(Electronic Power Steering)	Special Function	EPS Type Recognition
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Version Information	
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Brake Lamp Control
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear

model	year	area	system	function	subfunction
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	IFL Control
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	OFL Control
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	IFR Control
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	IRL Control
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	ORL Control
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	IRR Control
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	ORR Control
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS FR Valve Control
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS FL Valve Control
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV-R Control
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV-L Control
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	In-Line Bleeding
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Repair Bleeding-FL/RR Circuit
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Repair Bleeding-FR/RL Circuit
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	HAC Brake Lamp Actuator

model	year	area	system	function	subfunction
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Lamp
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Cee'd(ED)	2012	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset
Cee'd(ED)	2012	General Area	IMMO(Immobilizer)	Read Data	
Cee'd(ED)	2012	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cee'd(ED)	2012	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cee'd(ED)	2012	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cee'd(ED)	2012	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Cee'd(ED)	2012	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cee'd(ED)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Cee'd(ED)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cee'd(ED)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cee'd(ED)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cee'd(ED)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Cee'd(ED)	2012	General Area	TCM(Transmission Control Module)	Version Information	
Cee'd(ED)	2012	General Area	TCM(Transmission Control Module)	Read Fault Code	
Cee'd(ED)	2012	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cee'd(ED)	2012	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cee'd(ED)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-A
Cee'd(ED)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)

model	year	area	system	function	subfunction
Cee'd(ED)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
Cee'd(ED)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-C(PCSV-C)
Cee'd(ED)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Cee'd(ED)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Cee'd(ED)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Cee'd(ED)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Cee'd(ED)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Cee'd(ED)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Cee'd(ED)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Cee'd(ED)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Cee'd(ED)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Cee'd(ED)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Cee'd(ED)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Cee'd(ED)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	On/Off Solenoid(SCSV-A)
Cee'd(ED)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Cee'd(ED)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid
Cee'd(ED)	2012	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Cee'd(ED)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Cee'd(ED)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Cee'd(ED)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Cee'd(ED)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	

model	year	area	system	function	subfunction
Cee'd(ED)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Cee'd(ED)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Cee'd(ED)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Cee'd(ED)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Cee'd(ED)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Cee'd(ED)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Cee'd(ED)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Cee'd(ED)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Cee'd(ED)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Cee'd(ED)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Cee'd(ED)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Version	
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Read Fault Code	
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Clear Fault	
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Read Data	
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor

model	year	area	system	function	subfunction
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)

model	year	area	system	function	subfunction
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Cee'd(ED)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Cee'd(ED)	2011	General Area	BCM(Body Control Module)	Version Information	
Cee'd(ED)	2011	General Area	BCM(Body Control Module)	Read Data Stream	
Cee'd(ED)	2011	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Cee'd(ED)	2011	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Cee'd(ED)	2011	General Area	BCM(Body Control Module)	Actuation Test	Driver unlock relay(Dead lock relay)
Cee'd(ED)	2011	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Cee'd(ED)	2011	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Cee'd(ED)	2011	General Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Cee'd(ED)	2011	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Cee'd(ED)	2011	General Area	BCM(Body Control Module)	Actuation Test	Starter inhibit relay
Cee'd(ED)	2011	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay/DRL Unit
Cee'd(ED)	2011	General Area	BCM(Body Control Module)	Actuation Test	Head lamp relay
Cee'd(ED)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay

model	year	area	system	function	subfunction
Cee'd(ED)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Cee'd(ED)	2011	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Cee'd(ED)	2011	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Cee'd(ED)	2011	General Area	BCM(Body Control Module)	Actuation Test	Security indicator
Cee'd(ED)	2011	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Cee'd(ED)	2011	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Cee'd(ED)	2011	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Cee'd(ED)	2011	General Area	BCM(Body Control Module)	Actuation Test	Tailgate unlock relay
Cee'd(ED)	2011	General Area	BCM(Body Control Module)	Actuation Test	Front Defogger Relay
Cee'd(ED)	2011	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Cee'd(ED)	2011	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock
Cee'd(ED)	2011	General Area	BCM(Body Control Module)	Actuation Test	Central door lock
Cee'd(ED)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Cee'd(ED)	2011	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Cee'd(ED)	2011	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Version Information	
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Read Fault Code	
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Read Data Stream	
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	A/C COMPRESSOR
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay

model	year	area	system	function	subfunction
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 5%
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 95%
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 5%
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 95%
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 5%
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 76%
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 5%

model	year	area	system	function	subfunction
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 95%
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Starter Relay
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	MIL
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Heater Relay
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	VGT Actuator
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)

model	year	area	system	function	subfunction
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)

model	year	area	system	function	subfunction
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake

model	year	area	system	function	subfunction
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1

model	year	area	system	function	subfunction
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine

model	year	area	system	function	subfunction
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Special Function	Ignition Test
Cee'd(ED)	2011	General Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Cee'd(ED)	2011	General Area	EPS(Electronic Power Steering)	Version Information	
Cee'd(ED)	2011	General Area	EPS(Electronic Power Steering)	Read Fault Code	
Cee'd(ED)	2011	General Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Cee'd(ED)	2011	General Area	EPS(Electronic Power Steering)	Read Data Stream	
Cee'd(ED)	2011	General Area	EPS(Electronic Power Steering)	Special Function	ASP Calibration
Cee'd(ED)	2011	General Area	EPS(Electronic Power Steering)	Special Function	EPS Type Recognition
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Version Information	
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Brake Lamp Control
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear

model	year	area	system	function	subfunction
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	IFL Control
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	OFL Control
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	IFR Control
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	IRL Control
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	ORL Control
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	IRR Control
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	ORR Control
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS FR Valve Control
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS FL Valve Control
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV-R Control
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV-L Control
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	In-Line Bleeding
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Repair Bleeding-FL/RR Circuit
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Repair Bleeding-FR/RL Circuit

model	year	area	system	function	subfunction
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	HAC Brake Lamp Actuator
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Lamp
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Cee'd(ED)	2011	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset
Cee'd(ED)	2011	General Area	IMMO(Immobilizer)	Read Data	
Cee'd(ED)	2011	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cee'd(ED)	2011	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cee'd(ED)	2011	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cee'd(ED)	2011	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Cee'd(ED)	2011	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cee'd(ED)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Cee'd(ED)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cee'd(ED)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cee'd(ED)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cee'd(ED)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Cee'd(ED)	2011	General Area	TCM(Transmission Control Module)	Version Information	
Cee'd(ED)	2011	General Area	TCM(Transmission Control Module)	Read Fault Code	
Cee'd(ED)	2011	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cee'd(ED)	2011	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cee'd(ED)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-A

model	year	area	system	function	subfunction
Cee'd(ED)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
Cee'd(ED)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
Cee'd(ED)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-C(PCSV-C)
Cee'd(ED)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Cee'd(ED)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Cee'd(ED)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Cee'd(ED)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Cee'd(ED)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Cee'd(ED)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Cee'd(ED)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Cee'd(ED)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Cee'd(ED)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Cee'd(ED)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Cee'd(ED)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Cee'd(ED)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	On/Off Solenoid(SCSV-A)
Cee'd(ED)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Cee'd(ED)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid
Cee'd(ED)	2011	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Cee'd(ED)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Cee'd(ED)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	

model	year	area	system	function	subfunction
Cee'd(ED)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Cee'd(ED)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Cee'd(ED)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Cee'd(ED)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Cee'd(ED)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Cee'd(ED)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Cee'd(ED)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Cee'd(ED)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Cee'd(ED)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Cee'd(ED)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Cee'd(ED)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Cee'd(ED)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Cee'd(ED)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Version	
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Read Fault Code	
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Clear Fault	
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Read Data	
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%

model	year	area	system	function	subfunction
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face

model	year	area	system	function	subfunction
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Cee'd(ED)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Cee'd(ED)	2010	General Area	BCM(Body Control Module)	Version Information	
Cee'd(ED)	2010	General Area	BCM(Body Control Module)	Read Data Stream	
Cee'd(ED)	2010	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Cee'd(ED)	2010	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Cee'd(ED)	2010	General Area	BCM(Body Control Module)	Actuation Test	Driver unlock relay(Dead lock relay)
Cee'd(ED)	2010	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Cee'd(ED)	2010	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Cee'd(ED)	2010	General Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Cee'd(ED)	2010	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Cee'd(ED)	2010	General Area	BCM(Body Control Module)	Actuation Test	Starter inhibit relay
Cee'd(ED)	2010	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay/DRL Unit

model	year	area	system	function	subfunction
Cee'd(ED)	2010	General Area	BCM(Body Control Module)	Actuation Test	Head lamp relay
Cee'd(ED)	2010	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Cee'd(ED)	2010	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Cee'd(ED)	2010	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Cee'd(ED)	2010	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Cee'd(ED)	2010	General Area	BCM(Body Control Module)	Actuation Test	Security indicator
Cee'd(ED)	2010	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Cee'd(ED)	2010	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Cee'd(ED)	2010	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Cee'd(ED)	2010	General Area	BCM(Body Control Module)	Actuation Test	Tailgate unlock relay
Cee'd(ED)	2010	General Area	BCM(Body Control Module)	Actuation Test	Front Defogger Relay
Cee'd(ED)	2010	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Cee'd(ED)	2010	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock
Cee'd(ED)	2010	General Area	BCM(Body Control Module)	Actuation Test	Central door lock
Cee'd(ED)	2010	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Cee'd(ED)	2010	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Cee'd(ED)	2010	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Version Information	
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Read Fault Code	
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Read Data Stream	
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay

model	year	area	system	function	subfunction
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	MIL
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Heater Relay
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	VGT Actuator
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 5%

model	year	area	system	function	subfunction
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 95%
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 5%
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 95%
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 5%
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 76%
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 5%
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 95%
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Starter Relay
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp

model	year	area	system	function	subfunction
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop

model	year	area	system	function	subfunction
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6

model	year	area	system	function	subfunction
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2

model	year	area	system	function	subfunction
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4

model	year	area	system	function	subfunction
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Special Function	Ignition Test
Cee'd(ED)	2010	General Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Cee'd(ED)	2010	General Area	EPS(Electronic Power Steering)	Version Information	
Cee'd(ED)	2010	General Area	EPS(Electronic Power Steering)	Read Fault Code	
Cee'd(ED)	2010	General Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Cee'd(ED)	2010	General Area	EPS(Electronic Power Steering)	Read Data Stream	
Cee'd(ED)	2010	General Area	EPS(Electronic Power Steering)	Special Function	ASP Calibration
Cee'd(ED)	2010	General Area	EPS(Electronic Power Steering)	Special Function	EPS Type Recognition
Cee'd(ED)	2010	General Area	ESP(Electronic Stability Program)	Version Information	
Cee'd(ED)	2010	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Cee'd(ED)	2010	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Cee'd(ED)	2010	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Cee'd(ED)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Cee'd(ED)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front

model	year	area	system	function	subfunction
Cee'd(ED)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Cee'd(ED)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Cee'd(ED)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Cee'd(ED)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Cee'd(ED)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Cee'd(ED)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Cee'd(ED)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Cee'd(ED)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve(USV1)
Cee'd(ED)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve(USV2)
Cee'd(ED)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	ESC(ESP)Valve(HSV1)
Cee'd(ED)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	ESC(ESP)Valve(HSV2)
Cee'd(ED)	2010	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset
Cee'd(ED)	2010	General Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor
Cee'd(ED)	2010	General Area	ESP(Electronic Stability Program)	Special Function	Solenoid Valve Test
Cee'd(ED)	2010	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Cee'd(ED)	2010	General Area	ESP(Electronic Stability Program)	Special Function	Hill Assist Control
Cee'd(ED)	2010	General Area	IMMO(Immobilizer)	Read Data	
Cee'd(ED)	2010	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cee'd(ED)	2010	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cee'd(ED)	2010	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cee'd(ED)	2010	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Cee'd(ED)	2010	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cee'd(ED)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	

model	year	area	system	function	subfunction
Cee'd(ED)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cee'd(ED)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cee'd(ED)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cee'd(ED)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Cee'd(ED)	2010	General Area	TCM(Transmission Control Module)	Version Information	
Cee'd(ED)	2010	General Area	TCM(Transmission Control Module)	Read Fault Code	
Cee'd(ED)	2010	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cee'd(ED)	2010	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cee'd(ED)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-A
Cee'd(ED)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
Cee'd(ED)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
Cee'd(ED)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-C(PCSV-C)
Cee'd(ED)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Cee'd(ED)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Cee'd(ED)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Cee'd(ED)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Cee'd(ED)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Cee'd(ED)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Cee'd(ED)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp

model	year	area	system	function	subfunction
Cee'd(ED)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Cee'd(ED)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Cee'd(ED)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Cee'd(ED)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Cee'd(ED)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	On/Off Solenoid(SCSV-A)
Cee'd(ED)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Cee'd(ED)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid
Cee'd(ED)	2010	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Cee'd(ED)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Cee'd(ED)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Cee'd(ED)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Cee'd(ED)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Cee'd(ED)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Cee'd(ED)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Cee'd(ED)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Cee'd(ED)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Cee'd(ED)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Cee'd(ED)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Cee'd(ED)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Cee'd(ED)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Cee'd(ED)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Cee'd(ED)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading

model	year	area	system	function	subfunction
Cee'd(ED)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Version	
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Read Fault Code	
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Clear Fault	
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Read Data	
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%

model	year	area	system	function	subfunction
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Cee'd(ED)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%

model	year	area	system	function	subfunction
Cee'd(ED)	2009	General Area	BCM(Body Control Module)	Version Information	
Cee'd(ED)	2009	General Area	BCM(Body Control Module)	Read Data Stream	
Cee'd(ED)	2009	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Cee'd(ED)	2009	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Cee'd(ED)	2009	General Area	BCM(Body Control Module)	Actuation Test	Driver unlock relay(Dead lock relay)
Cee'd(ED)	2009	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Cee'd(ED)	2009	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Cee'd(ED)	2009	General Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Cee'd(ED)	2009	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Cee'd(ED)	2009	General Area	BCM(Body Control Module)	Actuation Test	Starter inhibit relay
Cee'd(ED)	2009	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay/DRL Unit
Cee'd(ED)	2009	General Area	BCM(Body Control Module)	Actuation Test	Head lamp relay
Cee'd(ED)	2009	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Cee'd(ED)	2009	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Cee'd(ED)	2009	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Cee'd(ED)	2009	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Cee'd(ED)	2009	General Area	BCM(Body Control Module)	Actuation Test	Security indicator
Cee'd(ED)	2009	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Cee'd(ED)	2009	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Cee'd(ED)	2009	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Cee'd(ED)	2009	General Area	BCM(Body Control Module)	Actuation Test	Tailgate unlock relay
Cee'd(ED)	2009	General Area	BCM(Body Control Module)	Actuation Test	Front Defogger Relay

model	year	area	system	function	subfunction
Cee'd(ED)	2009	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Cee'd(ED)	2009	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock
Cee'd(ED)	2009	General Area	BCM(Body Control Module)	Actuation Test	Central door lock
Cee'd(ED)	2009	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Cee'd(ED)	2009	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Cee'd(ED)	2009	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Version Information	
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Read Fault Code	
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Read Data Stream	
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)

model	year	area	system	function	subfunction
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater On(Diesel)
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	MIL
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Heater Relay
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	VGT Actuator
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Special Function	Ignition Test
Cee'd(ED)	2009	General Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Cee'd(ED)	2009	General Area	EPS(Electronic Power Steering)	Version Information	
Cee'd(ED)	2009	General Area	EPS(Electronic Power Steering)	Read Fault Code	

model	year	area	system	function	subfunction
Cee'd(ED)	2009	General Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Cee'd(ED)	2009	General Area	EPS(Electronic Power Steering)	Read Data Stream	
Cee'd(ED)	2009	General Area	EPS(Electronic Power Steering)	Special Function	ASP Calibration
Cee'd(ED)	2009	General Area	EPS(Electronic Power Steering)	Special Function	EPS Type Recognition
Cee'd(ED)	2009	General Area	ESP(Electronic Stability Program)	Version Information	
Cee'd(ED)	2009	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Cee'd(ED)	2009	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Cee'd(ED)	2009	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Cee'd(ED)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Cee'd(ED)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Cee'd(ED)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Cee'd(ED)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Cee'd(ED)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Cee'd(ED)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Cee'd(ED)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Cee'd(ED)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Cee'd(ED)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Cee'd(ED)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve(USV1)
Cee'd(ED)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve(USV2)
Cee'd(ED)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	ESC(ESP)Valve(HSV1)
Cee'd(ED)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	ESC(ESP)Valve(HSV2)
Cee'd(ED)	2009	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset

model	year	area	system	function	subfunction
Cee'd(ED)	2009	General Area	ESP(Electronic Stability Program)	Special Function	Solenoid Valve Test
Cee'd(ED)	2009	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Cee'd(ED)	2009	General Area	IMMO(Immobilizer)	Read Data	
Cee'd(ED)	2009	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cee'd(ED)	2009	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cee'd(ED)	2009	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cee'd(ED)	2009	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Cee'd(ED)	2009	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cee'd(ED)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Cee'd(ED)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cee'd(ED)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cee'd(ED)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cee'd(ED)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Cee'd(ED)	2009	General Area	TCM(Transmission Control Module)	Version Information	
Cee'd(ED)	2009	General Area	TCM(Transmission Control Module)	Read Fault Code	
Cee'd(ED)	2009	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cee'd(ED)	2009	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cee'd(ED)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-A
Cee'd(ED)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
Cee'd(ED)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
Cee'd(ED)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-C(PCSV-C)

model	year	area	system	function	subfunction
Cee'd(ED)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Cee'd(ED)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Cee'd(ED)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Cee'd(ED)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Cee'd(ED)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Cee'd(ED)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Cee'd(ED)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Cee'd(ED)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Cee'd(ED)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Cee'd(ED)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Cee'd(ED)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Cee'd(ED)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	On/Off Solenoid(SCSV-A)
Cee'd(ED)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Cee'd(ED)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid
Cee'd(ED)	2009	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Cee'd(ED)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Cee'd(ED)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Cee'd(ED)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Cee'd(ED)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Cee'd(ED)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Cee'd(ED)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Cee'd(ED)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front

model	year	area	system	function	subfunction
Cee'd(ED)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Cee'd(ED)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Cee'd(ED)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Cee'd(ED)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Cee'd(ED)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Cee'd(ED)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Cee'd(ED)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Cee'd(ED)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Version	
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Read Fault Code	
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Clear Fault	
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Read Data	
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh

model	year	area	system	function	subfunction
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%

model	year	area	system	function	subfunction
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Cee'd(ED)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Cee'd(ED)	2008	General Area	BCM(Body Control Module)	Version Information	
Cee'd(ED)	2008	General Area	BCM(Body Control Module)	Read Data Stream	
Cee'd(ED)	2008	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Cee'd(ED)	2008	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Cee'd(ED)	2008	General Area	BCM(Body Control Module)	Actuation Test	Driver unlock relay(Dead lock relay)
Cee'd(ED)	2008	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Cee'd(ED)	2008	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Cee'd(ED)	2008	General Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Cee'd(ED)	2008	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Cee'd(ED)	2008	General Area	BCM(Body Control Module)	Actuation Test	Starter inhibit relay
Cee'd(ED)	2008	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay/DRL Unit
Cee'd(ED)	2008	General Area	BCM(Body Control Module)	Actuation Test	Head lamp relay
Cee'd(ED)	2008	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Cee'd(ED)	2008	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Cee'd(ED)	2008	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator

model	year	area	system	function	subfunction
Cee'd(ED)	2008	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Cee'd(ED)	2008	General Area	BCM(Body Control Module)	Actuation Test	Security indicator
Cee'd(ED)	2008	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Cee'd(ED)	2008	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Cee'd(ED)	2008	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Cee'd(ED)	2008	General Area	BCM(Body Control Module)	Actuation Test	Tailgate unlock relay
Cee'd(ED)	2008	General Area	BCM(Body Control Module)	Actuation Test	Front Defogger Relay
Cee'd(ED)	2008	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Cee'd(ED)	2008	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock
Cee'd(ED)	2008	General Area	BCM(Body Control Module)	Actuation Test	Central door lock
Cee'd(ED)	2008	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Cee'd(ED)	2008	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Cee'd(ED)	2008	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Version Information	
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Read Fault Code	
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Read Data Stream	
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low

model	year	area	system	function	subfunction
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater On(Diesel)
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2

model	year	area	system	function	subfunction
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Special Function	Ignition Test
Cee'd(ED)	2008	General Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Cee'd(ED)	2008	General Area	EPS(Electronic Power Steering)	Version Information	
Cee'd(ED)	2008	General Area	EPS(Electronic Power Steering)	Read Fault Code	
Cee'd(ED)	2008	General Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Cee'd(ED)	2008	General Area	EPS(Electronic Power Steering)	Read Data Stream	

model	year	area	system	function	subfunction
Cee'd(ED)	2008	General Area	EPS(Electronic Power Steering)	Special Function	ASP Calibration
Cee'd(ED)	2008	General Area	EPS(Electronic Power Steering)	Special Function	EPS Type Recognition
Cee'd(ED)	2008	General Area	ESP(Electronic Stability Program)	Version Information	
Cee'd(ED)	2008	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Cee'd(ED)	2008	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Cee'd(ED)	2008	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Cee'd(ED)	2008	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Cee'd(ED)	2008	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Cee'd(ED)	2008	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Cee'd(ED)	2008	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Cee'd(ED)	2008	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Cee'd(ED)	2008	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Cee'd(ED)	2008	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Cee'd(ED)	2008	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Cee'd(ED)	2008	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Cee'd(ED)	2008	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve(USV1)
Cee'd(ED)	2008	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve(USV2)
Cee'd(ED)	2008	General Area	ESP(Electronic Stability Program)	Actuation Test	ESC(ESP)Valve(HSV1)
Cee'd(ED)	2008	General Area	ESP(Electronic Stability Program)	Actuation Test	ESC(ESP)Valve(HSV2)
Cee'd(ED)	2008	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset
Cee'd(ED)	2008	General Area	ESP(Electronic Stability Program)	Special Function	Solenoid Valve Test
Cee'd(ED)	2008	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Cee'd(ED)	2008	General Area	IMMO(Immobilizer)	Read Data	

model	year	area	system	function	subfunction
Cee'd(ED)	2008	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cee'd(ED)	2008	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cee'd(ED)	2008	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cee'd(ED)	2008	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Cee'd(ED)	2008	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cee'd(ED)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Cee'd(ED)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cee'd(ED)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cee'd(ED)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cee'd(ED)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Cee'd(ED)	2008	General Area	TCM(Transmission Control Module)	Version Information	
Cee'd(ED)	2008	General Area	TCM(Transmission Control Module)	Read Fault Code	
Cee'd(ED)	2008	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cee'd(ED)	2008	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cee'd(ED)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-A
Cee'd(ED)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
Cee'd(ED)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
Cee'd(ED)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-C(PCSV-C)
Cee'd(ED)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Cee'd(ED)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve

model	year	area	system	function	subfunction
Cee'd(ED)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Cee'd(ED)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Cee'd(ED)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Cee'd(ED)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Cee'd(ED)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Cee'd(ED)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Cee'd(ED)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Cee'd(ED)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Cee'd(ED)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Cee'd(ED)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	On/Off Solenoid(SCSV-A)
Cee'd(ED)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Cee'd(ED)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid
Cee'd(ED)	2008	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Cee'd(ED)	2008	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Cee'd(ED)	2008	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Cee'd(ED)	2008	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Cee'd(ED)	2008	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Cee'd(ED)	2008	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Cee'd(ED)	2008	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Cee'd(ED)	2008	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Cee'd(ED)	2008	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Cee'd(ED)	2008	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear

model	year	area	system	function	subfunction
Cee'd(ED)	2008	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Cee'd(ED)	2008	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Cee'd(ED)	2008	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Cee'd(ED)	2008	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Cee'd(ED)	2008	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Cee'd(ED)	2008	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Version	
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Read Fault Code	
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Clear Fault	
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Read Data	
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off

model	year	area	system	function	subfunction
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%

model	year	area	system	function	subfunction
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Cee'd(ED)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Cee'd(ED)	2007	General Area	BCM(Body Control Module)	Version Information	
Cee'd(ED)	2007	General Area	BCM(Body Control Module)	Read Data Stream	
Cee'd(ED)	2007	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Cee'd(ED)	2007	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Cee'd(ED)	2007	General Area	BCM(Body Control Module)	Actuation Test	Driver unlock relay(Dead lock relay)
Cee'd(ED)	2007	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Cee'd(ED)	2007	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Cee'd(ED)	2007	General Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Cee'd(ED)	2007	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Cee'd(ED)	2007	General Area	BCM(Body Control Module)	Actuation Test	Starter inhibit relay
Cee'd(ED)	2007	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay/DRL Unit
Cee'd(ED)	2007	General Area	BCM(Body Control Module)	Actuation Test	Head lamp relay
Cee'd(ED)	2007	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Cee'd(ED)	2007	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Cee'd(ED)	2007	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Cee'd(ED)	2007	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Cee'd(ED)	2007	General Area	BCM(Body Control Module)	Actuation Test	Security indicator

model	year	area	system	function	subfunction
Cee'd(ED)	2007	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Cee'd(ED)	2007	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Cee'd(ED)	2007	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Cee'd(ED)	2007	General Area	BCM(Body Control Module)	Actuation Test	Tailgate unlock relay
Cee'd(ED)	2007	General Area	BCM(Body Control Module)	Actuation Test	Front Defogger Relay
Cee'd(ED)	2007	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Cee'd(ED)	2007	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock
Cee'd(ED)	2007	General Area	BCM(Body Control Module)	Actuation Test	Central door lock
Cee'd(ED)	2007	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Cee'd(ED)	2007	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Cee'd(ED)	2007	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Version Information	
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Read Fault Code	
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Read Data Stream	
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay

model	year	area	system	function	subfunction
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater On(Diesel)
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4

model	year	area	system	function	subfunction
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Special Function	Ignition Test
Cee'd(ED)	2007	General Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Cee'd(ED)	2007	General Area	ESP(Electronic Stability Program)	Version Information	
Cee'd(ED)	2007	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Cee'd(ED)	2007	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Cee'd(ED)	2007	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Cee'd(ED)	2007	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Cee'd(ED)	2007	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front

model	year	area	system	function	subfunction
Cee'd(ED)	2007	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Cee'd(ED)	2007	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Cee'd(ED)	2007	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Cee'd(ED)	2007	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Cee'd(ED)	2007	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Cee'd(ED)	2007	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Cee'd(ED)	2007	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Cee'd(ED)	2007	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve(USV1)
Cee'd(ED)	2007	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve(USV2)
Cee'd(ED)	2007	General Area	ESP(Electronic Stability Program)	Actuation Test	ESC(ESP)Valve(HSV1)
Cee'd(ED)	2007	General Area	ESP(Electronic Stability Program)	Actuation Test	ESC(ESP)Valve(HSV2)
Cee'd(ED)	2007	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset
Cee'd(ED)	2007	General Area	ESP(Electronic Stability Program)	Special Function	Solenoid Valve Test
Cee'd(ED)	2007	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Cee'd(ED)	2007	General Area	IMMO(Immobilizer)	Read Data	
Cee'd(ED)	2007	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cee'd(ED)	2007	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cee'd(ED)	2007	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cee'd(ED)	2007	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Cee'd(ED)	2007	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cee'd(ED)	2007	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Cee'd(ED)	2007	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Cee'd(ED)	2007	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Cee'd(ED)	2007	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	

model	year	area	system	function	subfunction
Cee'd(ED)	2007	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Cee'd(ED)	2007	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Cee'd(ED)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Cee'd(ED)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cee'd(ED)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cee'd(ED)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cee'd(ED)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Cee'd(ED)	2007	General Area	TCM(Transmission Control Module)	Version Information	
Cee'd(ED)	2007	General Area	TCM(Transmission Control Module)	Read Fault Code	
Cee'd(ED)	2007	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cee'd(ED)	2007	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cee'd(ED)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-A
Cee'd(ED)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
Cee'd(ED)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
Cee'd(ED)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-C(PCSV-C)
Cee'd(ED)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Cee'd(ED)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Cee'd(ED)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear

model	year	area	system	function	subfunction
Cee'd(ED)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Cee'd(ED)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Cee'd(ED)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Cee'd(ED)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Cee'd(ED)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Cee'd(ED)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Cee'd(ED)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Cee'd(ED)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Cee'd(ED)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	On/Off Solenoid(SCSV-A)
Cee'd(ED)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Cee'd(ED)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid
Cee'd(ED)	2007	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Cee'd(ED)	2007	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Cee'd(ED)	2007	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Cee'd(ED)	2007	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Cee'd(ED)	2007	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Cee'd(ED)	2007	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Cee'd(ED)	2007	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Cee'd(ED)	2007	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Cee'd(ED)	2007	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Cee'd(ED)	2007	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Cee'd(ED)	2007	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear

model	year	area	system	function	subfunction
Cee'd(ED)	2007	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Cee'd(ED)	2007	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Cee'd(ED)	2007	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Cee'd(ED)	2007	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Cee'd(ED)	2007	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Version	
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Read Fault Code	
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Clear Fault	
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Read Data	
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low

model	year	area	system	function	subfunction
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%

model	year	area	system	function	subfunction
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Cee'd(ED)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Cee'd(ED)	2006	General Area	BCM(Body Control Module)	Version Information	
Cee'd(ED)	2006	General Area	BCM(Body Control Module)	Read Data Stream	
Cee'd(ED)	2006	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Cee'd(ED)	2006	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Cee'd(ED)	2006	General Area	BCM(Body Control Module)	Actuation Test	Driver unlock relay(Dead lock relay)
Cee'd(ED)	2006	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Cee'd(ED)	2006	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Cee'd(ED)	2006	General Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Cee'd(ED)	2006	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Cee'd(ED)	2006	General Area	BCM(Body Control Module)	Actuation Test	Starter inhibit relay
Cee'd(ED)	2006	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay/DRL Unit
Cee'd(ED)	2006	General Area	BCM(Body Control Module)	Actuation Test	Head lamp relay
Cee'd(ED)	2006	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Cee'd(ED)	2006	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Cee'd(ED)	2006	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Cee'd(ED)	2006	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Cee'd(ED)	2006	General Area	BCM(Body Control Module)	Actuation Test	Security indicator
Cee'd(ED)	2006	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)

model	year	area	system	function	subfunction
Cee'd(ED)	2006	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Cee'd(ED)	2006	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Cee'd(ED)	2006	General Area	BCM(Body Control Module)	Actuation Test	Tailgate unlock relay
Cee'd(ED)	2006	General Area	BCM(Body Control Module)	Actuation Test	Front Defogger Relay
Cee'd(ED)	2006	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Cee'd(ED)	2006	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock
Cee'd(ED)	2006	General Area	BCM(Body Control Module)	Actuation Test	Central door lock
Cee'd(ED)	2006	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Cee'd(ED)	2006	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Cee'd(ED)	2006	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Version Information	
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Read Fault Code	
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Read Data Stream	
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp

model	year	area	system	function	subfunction
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater On(Diesel)
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)

model	year	area	system	function	subfunction
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Special Function	Ignition Test
Cee'd(ED)	2006	General Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Cee'd(ED)	2006	General Area	ESP(Electronic Stability Program)	Version Information	
Cee'd(ED)	2006	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Cee'd(ED)	2006	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Cee'd(ED)	2006	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Cee'd(ED)	2006	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Cee'd(ED)	2006	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Cee'd(ED)	2006	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front

model	year	area	system	function	subfunction
Cee'd(ED)	2006	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Cee'd(ED)	2006	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Cee'd(ED)	2006	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Cee'd(ED)	2006	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Cee'd(ED)	2006	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Cee'd(ED)	2006	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Cee'd(ED)	2006	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve(USV1)
Cee'd(ED)	2006	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve(USV2)
Cee'd(ED)	2006	General Area	ESP(Electronic Stability Program)	Actuation Test	ESC(ESP)Valve(HSV1)
Cee'd(ED)	2006	General Area	ESP(Electronic Stability Program)	Actuation Test	ESC(ESP)Valve(HSV2)
Cee'd(ED)	2006	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset
Cee'd(ED)	2006	General Area	ESP(Electronic Stability Program)	Special Function	Solenoid Valve Test
Cee'd(ED)	2006	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Cee'd(ED)	2006	General Area	IMMO(Immobilizer)	Read Data	
Cee'd(ED)	2006	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cee'd(ED)	2006	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cee'd(ED)	2006	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cee'd(ED)	2006	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Cee'd(ED)	2006	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cee'd(ED)	2006	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Cee'd(ED)	2006	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Cee'd(ED)	2006	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Cee'd(ED)	2006	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Cee'd(ED)	2006	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration

model	year	area	system	function	subfunction
Cee'd(ED)	2006	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Cee'd(ED)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Cee'd(ED)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cee'd(ED)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cee'd(ED)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cee'd(ED)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Cee'd(ED)	2006	General Area	TCM(Transmission Control Module)	Version Information	
Cee'd(ED)	2006	General Area	TCM(Transmission Control Module)	Read Fault Code	
Cee'd(ED)	2006	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cee'd(ED)	2006	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cee'd(ED)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-A
Cee'd(ED)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
Cee'd(ED)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
Cee'd(ED)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-C(PCSV-C)
Cee'd(ED)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Cee'd(ED)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Cee'd(ED)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Cee'd(ED)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-

model	year	area	system	function	subfunction
Cee'd(ED)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Cee'd(ED)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Cee'd(ED)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Cee'd(ED)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Cee'd(ED)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Cee'd(ED)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Cee'd(ED)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Cee'd(ED)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	On/Off Solenoid(SCSV-A)
Cee'd(ED)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Cee'd(ED)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid
Cee'd(ED)	2006	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Cee'd(JD)	2016	General Area	ABS(Anti-Lock Brake System)	Version Information	
Cee'd(JD)	2016	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Cee'd(JD)	2016	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Cee'd(JD)	2016	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Cee'd(JD)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Cee'd(JD)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Cee'd(JD)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Cee'd(JD)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Cee'd(JD)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Cee'd(JD)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Cee'd(JD)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front

model	year	area	system	function	subfunction
Cee'd(JD)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Cee'd(JD)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Cee'd(JD)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Cee'd(JD)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Cee'd(JD)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Cee'd(JD)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Cee'd(JD)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Cee'd(JD)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Cee'd(JD)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance Mode-EPB/MOC Disengaging
Cee'd(JD)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance Mode-EPB/MOC Engaging
Cee'd(JD)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Cee'd(JD)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Cee'd(JD)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Warning Lamp
Cee'd(JD)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Status Lamp
Cee'd(JD)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Cee'd(JD)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Cee'd(JD)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	SAS Calibration(CAN-ESP Only)
Cee'd(JD)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)

model	year	area	system	function	subfunction
Cee'd(JD)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Cee'd(JD)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	EPB Variant Coding
Cee'd(JD)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	G-Sensor Calibration
Cee'd(JD)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	PAD Change Mode
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Version	
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Read Fault Code	
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Clear Fault	
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Read Data	
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost

model	year	area	system	function	subfunction
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%

model	year	area	system	function	subfunction
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Cee'd(JD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Cee'd(JD)	2016	General Area	AFS(Adaptive Front Lighting System)	Version Information	
Cee'd(JD)	2016	General Area	AFS(Adaptive Front Lighting System)	Read Fault Code	
Cee'd(JD)	2016	General Area	AFS(Adaptive Front Lighting System)	Clear Fault Memory	
Cee'd(JD)	2016	General Area	AFS(Adaptive Front Lighting System)	Read Data Stream	
Cee'd(JD)	2016	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Cee'd(JD)	2016	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Cee'd(JD)	2016	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	DBL(Dynamic Bending Light)Max(LH)Position
Cee'd(JD)	2016	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	DBL(Dynamic Bending Light)Max(RH)Position
Cee'd(JD)	2016	General Area	AFS(Adaptive Front Lighting System)	Special Function	Calibration
Cee'd(JD)	2016	General Area	AFS(Adaptive Front Lighting System)	Special Function	Parameter Download
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Version Information	
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Read Fault Code	
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Read Data Stream	
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Relay
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid(Automatic Transmission)
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)

model	year	area	system	function	subfunction
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Reverse Lamp Relay
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Starter Inhibit Relay
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay

model	year	area	system	function	subfunction
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn Left Signal
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn Right Signal
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Special Function	CLU Variant Coding
Cee'd(JD)	2016	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting
Cee'd(JD)	2016	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Cee'd(JD)	2016	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Version Information	
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Read Fault Code	
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Read Data Stream	
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)

model	year	area	system	function	subfunction
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)

model	year	area	system	function	subfunction
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6

model	year	area	system	function	subfunction
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2

model	year	area	system	function	subfunction
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Auto CruiseType Only)
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Set Lamp(Auto Cruise Type Only)
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp(Option)
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold

model	year	area	system	function	subfunction
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Multiplicative Injection Time Correction for All Cylinders
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Multiplicative Injection Time Correction for Cylinder1
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Multiplicative Injection Time Correction for Cylinder2
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Multiplicative Injection Time Correction for Cylinder3
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Multiplicative Injection Time Correction for Cylinder4
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Multiplicative Injection Time Correction for Cylinder5
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Multiplicative Injection Time Correction for Cylinder6
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Multiplicative Injection Time Correction for Cylinder7
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Multiplicative Injection Time Correction for Cylinder8
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Purge Solenoid Valve Opening Additive
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Norminal Idle Speed Offset
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Electrical Water Heater

model	year	area	system	function	subfunction
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PTC Relay
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Main Water Pump
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #1 Actuation
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #2 Actuation
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #3 Actuation
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #4 Actuation
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Relay
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GRU(Glow Relay Unit)15%Duty
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 10%
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 90%
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 10%
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 90%
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 10%
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 90%
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 5%
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 95%
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%

model	year	area	system	function	subfunction
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed PWM Output
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 5%
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 95%
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 5%
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 95%
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 5%
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 95%
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control Actuator(2000
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Cee'd(JD)	2016	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Cee'd(JD)	2016	General Area	IMMO(Immobilizer)	Read Fault Code	
Cee'd(JD)	2016	General Area	IMMO(Immobilizer)	Clear Fault	
Cee'd(JD)	2016	General Area	IMMO(Immobilizer)	Read Data	
Cee'd(JD)	2016	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cee'd(JD)	2016	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cee'd(JD)	2016	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cee'd(JD)	2016	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cee'd(JD)	2016	General Area	LDWS(Lane Departure Warning System)	Version Information	
Cee'd(JD)	2016	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Cee'd(JD)	2016	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Cee'd(JD)	2016	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Cee'd(JD)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Activation Switch LED

model	year	area	system	function	subfunction
Cee'd(JD)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Left
Cee'd(JD)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Right
Cee'd(JD)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	ALL LEDs
Cee'd(JD)	2016	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Cee'd(JD)	2016	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Cee'd(JD)	2016	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Cee'd(JD)	2016	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Cee'd(JD)	2016	General Area	Smart Key Unit	Version	
Cee'd(JD)	2016	General Area	Smart Key Unit	Read Fault Code	
Cee'd(JD)	2016	General Area	Smart Key Unit	Clear Fault	
Cee'd(JD)	2016	General Area	Smart Key Unit	Read Data	
Cee'd(JD)	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Cee'd(JD)	2016	General Area	Smart Key Unit	Actuation Test	External Buzzer
Cee'd(JD)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Cee'd(JD)	2016	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Cee'd(JD)	2016	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Cee'd(JD)	2016	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED OFF
Cee'd(JD)	2016	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Cee'd(JD)	2016	General Area	Smart Key Unit	Actuation Test	ACC Relay
Cee'd(JD)	2016	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Cee'd(JD)	2016	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Cee'd(JD)	2016	General Area	Smart Key Unit	Actuation Test	START Relay
Cee'd(JD)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Cee'd(JD)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Cee'd(JD)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Cee'd(JD)	2016	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Cee'd(JD)	2016	General Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna
Cee'd(JD)	2016	General Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
Cee'd(JD)	2016	General Area	Smart Key Unit	Special Function	Smart Key Code Saving

model	year	area	system	function	subfunction
Cee'd(JD)	2016	General Area	Smart Key Unit	Special Function	Neutralization Mode
Cee'd(JD)	2016	General Area	Smart Key Unit	Special Function	SMK Status Information
Cee'd(JD)	2016	General Area	Smart Key Unit	Special Function	ESCL Status Information
Cee'd(JD)	2016	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Cee'd(JD)	2016	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Cee'd(JD)	2016	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Cee'd(JD)	2016	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Cee'd(JD)	2016	General Area	Smart Key Unit	Special Function	Antenna Status Check
Cee'd(JD)	2016	General Area	SPAS(Smart Parking Assist System)	Version Information	
Cee'd(JD)	2016	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Cee'd(JD)	2016	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Cee'd(JD)	2016	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Cee'd(JD)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Cee'd(JD)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cee'd(JD)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cee'd(JD)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cee'd(JD)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Version Information	
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Read Fault Code	
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Clutch1(DCT Only)
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Clutch2(DCT Only)
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	1st Gear
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	4th Gear
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	5th Gear
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	6th Gear
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Reverse Gear
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Disengage Gear
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve

model	year	area	system	function	subfunction
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Clutch Reference Position Check
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Clutch(20mm)
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Clutch(20mm)
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Both Clutch(20mm)
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Self Opening of Odd Clutch
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Self Opening of Even Clutch
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Gear Actuator Reference Check
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(1st Gear)
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(2nd Gear)
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(3rd Gear)
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(4th Gear)
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(5th Gear)
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(6th Gear)
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(7th Gear)
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(R Gear)
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Gear Neutral
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Lug Alignment
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Special Function	DCT Learning Function
Cee'd(JD)	2016	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Cee'd(JD)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Cee'd(JD)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Cee'd(JD)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Cee'd(JD)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	

model	year	area	system	function	subfunction
Cee'd(JD)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Cee'd(JD)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Cee'd(JD)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Cee'd(JD)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Cee'd(JD)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Cee'd(JD)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Cee'd(JD)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Cee'd(JD)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Cee'd(JD)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Cee'd(JD)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Cee'd(JD)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Cee'd(JD)	2015	General Area	ABS(Anti-Lock Brake System)	Version Information	
Cee'd(JD)	2015	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Cee'd(JD)	2015	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Cee'd(JD)	2015	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Cee'd(JD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Cee'd(JD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Cee'd(JD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Cee'd(JD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Cee'd(JD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Cee'd(JD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Cee'd(JD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Cee'd(JD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear

model	year	area	system	function	subfunction
Cee'd(JD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Cee'd(JD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Cee'd(JD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Cee'd(JD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Cee'd(JD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Cee'd(JD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Cee'd(JD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Cee'd(JD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance Mode-EPB/MOC Disengaging
Cee'd(JD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance Mode-EPB/MOC Engaging
Cee'd(JD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Cee'd(JD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Cee'd(JD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Warning Lamp
Cee'd(JD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Status Lamp
Cee'd(JD)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Cee'd(JD)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Cee'd(JD)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	EPB Variant Coding
Cee'd(JD)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	G-Sensor Calibration
Cee'd(JD)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	PAD Change Mode
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Version	
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Read Fault Code	
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Clear Fault	
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Read Data	

model	year	area	system	function	subfunction
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)

model	year	area	system	function	subfunction
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%

model	year	area	system	function	subfunction
Cee'd(JD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Cee'd(JD)	2015	General Area	AFS(Adaptive Front Lighting System)	Version Information	
Cee'd(JD)	2015	General Area	AFS(Adaptive Front Lighting System)	Read Fault Code	
Cee'd(JD)	2015	General Area	AFS(Adaptive Front Lighting System)	Clear Fault Memory	
Cee'd(JD)	2015	General Area	AFS(Adaptive Front Lighting System)	Read Data Stream	
Cee'd(JD)	2015	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Cee'd(JD)	2015	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Cee'd(JD)	2015	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	DBL(Dynamic Bending Light)Max(LH)Position
Cee'd(JD)	2015	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	DBL(Dynamic Bending Light)Max(RH)Position
Cee'd(JD)	2015	General Area	AFS(Adaptive Front Lighting System)	Special Function	Calibration
Cee'd(JD)	2015	General Area	AFS(Adaptive Front Lighting System)	Special Function	Parameter Download
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Version Information	
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Read Fault Code	
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Clear Fault Memory	
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Read Data Stream	
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)

model	year	area	system	function	subfunction
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Reverse Lamp Relay
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Starter Inhibit Relay
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay

model	year	area	system	function	subfunction
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Turn Left Signal
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Turn Right Signal
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Relay

model	year	area	system	function	subfunction
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid(Automatic Transmission)
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Cruise Indicator
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Seatbelt Indicator
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Door open indicator
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Cee'd(JD)	2015	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting
Cee'd(JD)	2015	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Cee'd(JD)	2015	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Version Information	
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Read Fault Code	
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Read Data Stream	
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp

model	year	area	system	function	subfunction
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator

model	year	area	system	function	subfunction
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake

model	year	area	system	function	subfunction
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1

model	year	area	system	function	subfunction
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay(M/T Only)
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay

model	year	area	system	function	subfunction
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 5%
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 95%
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 5%
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 95%
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Throttle
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	IMV
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VGT Valve
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan2
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan1
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Power Supply Relay
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	MI Lamp

model	year	area	system	function	subfunction
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug Lamp
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Air Conditioning Relay
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Main Lamp
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise On Lamp
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	PTC
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Water In Fuel Lamp
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector #1 Actuation
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector #2 Actuation
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector #3 Actuation
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector #4 Actuation
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Special Function	Essential Work After Component Replacement
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Special Function	ECU Initialization
Cee'd(JD)	2015	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
Cee'd(JD)	2015	General Area	IMMO(Immobilizer)	Read Fault Code	
Cee'd(JD)	2015	General Area	IMMO(Immobilizer)	Clear Fault	
Cee'd(JD)	2015	General Area	IMMO(Immobilizer)	Read Data	

model	year	area	system	function	subfunction
Cee'd(JD)	2015	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cee'd(JD)	2015	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cee'd(JD)	2015	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cee'd(JD)	2015	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cee'd(JD)	2015	General Area	LDWS(Lane Departure Warning System)	Version Information	
Cee'd(JD)	2015	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Cee'd(JD)	2015	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Cee'd(JD)	2015	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Cee'd(JD)	2015	General Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Variant Coding
Cee'd(JD)	2015	General Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Reference Point Calibration
Cee'd(JD)	2015	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Cee'd(JD)	2015	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Cee'd(JD)	2015	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Cee'd(JD)	2015	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Cee'd(JD)	2015	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Cee'd(JD)	2015	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Cee'd(JD)	2015	General Area	Smart Key Unit	Version	
Cee'd(JD)	2015	General Area	Smart Key Unit	Read Fault Code	
Cee'd(JD)	2015	General Area	Smart Key Unit	Clear Fault	
Cee'd(JD)	2015	General Area	Smart Key Unit	Read Data	
Cee'd(JD)	2015	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Cee'd(JD)	2015	General Area	Smart Key Unit	Actuation Test	External Buzzer
Cee'd(JD)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Cee'd(JD)	2015	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Cee'd(JD)	2015	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Cee'd(JD)	2015	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED OFF
Cee'd(JD)	2015	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination

model	year	area	system	function	subfunction
Cee'd(JD)	2015	General Area	Smart Key Unit	Actuation Test	ACC Relay
Cee'd(JD)	2015	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Cee'd(JD)	2015	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Cee'd(JD)	2015	General Area	Smart Key Unit	Actuation Test	START Relay
Cee'd(JD)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Cee'd(JD)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Cee'd(JD)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Cee'd(JD)	2015	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Cee'd(JD)	2015	General Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna
Cee'd(JD)	2015	General Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
Cee'd(JD)	2015	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Cee'd(JD)	2015	General Area	Smart Key Unit	Special Function	Neutralization Mode
Cee'd(JD)	2015	General Area	Smart Key Unit	Special Function	SMK Status Information
Cee'd(JD)	2015	General Area	Smart Key Unit	Special Function	ESCL Status Information
Cee'd(JD)	2015	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Cee'd(JD)	2015	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Cee'd(JD)	2015	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Cee'd(JD)	2015	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Cee'd(JD)	2015	General Area	Smart Key Unit	Special Function	Antenna Status Check
Cee'd(JD)	2015	General Area	SPAS(Smart Parking Assist System)	Version Information	
Cee'd(JD)	2015	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Cee'd(JD)	2015	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Cee'd(JD)	2015	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Cee'd(JD)	2015	General Area	SPAS(Smart Parking Assist System)	Actuation Test	Speaker Activation
Cee'd(JD)	2015	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation
Cee'd(JD)	2015	General Area	SPAS(Smart Parking Assist System)	Special Function	SPAS Variant Coding

model	year	area	system	function	subfunction
Cee'd(JD)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Cee'd(JD)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cee'd(JD)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cee'd(JD)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cee'd(JD)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Cee'd(JD)	2015	General Area	TCM(Transmission Control Module)	Version Information	
Cee'd(JD)	2015	General Area	TCM(Transmission Control Module)	Read Fault Code	
Cee'd(JD)	2015	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cee'd(JD)	2015	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cee'd(JD)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Cee'd(JD)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Cee'd(JD)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Cee'd(JD)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Cee'd(JD)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Cee'd(JD)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Cee'd(JD)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'

model	year	area	system	function	subfunction
Cee'd(JD)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Cee'd(JD)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Clutch1(DCT Only)
Cee'd(JD)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Clutch2(DCT Only)
Cee'd(JD)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	1st Gear
Cee'd(JD)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear
Cee'd(JD)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear
Cee'd(JD)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	4th Gear
Cee'd(JD)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	5th Gear
Cee'd(JD)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	6th Gear
Cee'd(JD)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Reverse Gear
Cee'd(JD)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Disengage Gear
Cee'd(JD)	2015	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Cee'd(JD)	2015	General Area	TCM(Transmission Control Module)	Special Function	DCT Learning Function
Cee'd(JD)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Cee'd(JD)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Cee'd(JD)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Cee'd(JD)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Cee'd(JD)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Cee'd(JD)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Cee'd(JD)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Cee'd(JD)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Cee'd(JD)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear

model	year	area	system	function	subfunction
Cee'd(JD)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Cee'd(JD)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Cee'd(JD)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Cee'd(JD)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Cee'd(JD)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Cee'd(JD)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Cee'd(JD)	2014	General Area	ABS(Anti-Lock Brake System)	Version Information	
Cee'd(JD)	2014	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Cee'd(JD)	2014	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Cee'd(JD)	2014	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Cee'd(JD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Cee'd(JD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Cee'd(JD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Cee'd(JD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Cee'd(JD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Cee'd(JD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Cee'd(JD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Cee'd(JD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Cee'd(JD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Cee'd(JD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Cee'd(JD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Cee'd(JD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Cee'd(JD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front

model	year	area	system	function	subfunction
Cee'd(JD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Cee'd(JD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Cee'd(JD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance Mode-EPB/MOC Disengaging
Cee'd(JD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance Mode-EPB/MOC Engaging
Cee'd(JD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Cee'd(JD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Cee'd(JD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Warning Lamp
Cee'd(JD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Status Lamp
Cee'd(JD)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Cee'd(JD)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Cee'd(JD)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	EPB Variant Coding
Cee'd(JD)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	G-Sensor Calibration
Cee'd(JD)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	PAD Change Mode
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Version	
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Read Fault Code	
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Clear Fault	
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Read Data	
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High

model	year	area	system	function	subfunction
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%

model	year	area	system	function	subfunction
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Cee'd(JD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Cee'd(JD)	2014	General Area	AFS(Adaptive Front Lighting System)	Version Information	
Cee'd(JD)	2014	General Area	AFS(Adaptive Front Lighting System)	Read Fault Code	
Cee'd(JD)	2014	General Area	AFS(Adaptive Front Lighting System)	Clear Fault Memory	
Cee'd(JD)	2014	General Area	AFS(Adaptive Front Lighting System)	Read Data Stream	

model	year	area	system	function	subfunction
Cee'd(JD)	2014	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Cee'd(JD)	2014	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Cee'd(JD)	2014	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	DBL(Dynamic Bending Light)Max(LH)Position
Cee'd(JD)	2014	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	DBL(Dynamic Bending Light)Max(RH)Position
Cee'd(JD)	2014	General Area	AFS(Adaptive Front Lighting System)	Special Function	Calibration
Cee'd(JD)	2014	General Area	AFS(Adaptive Front Lighting System)	Special Function	Parameter Download
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Version Information	
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Read Fault Code	
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Clear Fault Memory	
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Read Data Stream	
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Cruise Indicator
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Seatbelt Indicator
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Door open indicator
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)

model	year	area	system	function	subfunction
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Reverse Lamp Relay
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Starter Inhibit Relay
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay

model	year	area	system	function	subfunction
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Turn Left Signal
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Turn Right Signal
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Relay
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid(Automatic Transmission)
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output

model	year	area	system	function	subfunction
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Cee'd(JD)	2014	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting
Cee'd(JD)	2014	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Cee'd(JD)	2014	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Version Information	
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Read Fault Code	
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Read Data Stream	
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump

model	year	area	system	function	subfunction
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters

model	year	area	system	function	subfunction
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)

model	year	area	system	function	subfunction
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay(M/T Only)
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 5%
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 95%

model	year	area	system	function	subfunction
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 5%
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 95%
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Throttle
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	IMV
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VGT Valve
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan2
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan1
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Power Supply Relay
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	MI Lamp
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug Lamp
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Air Conditioning Relay
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Main Lamp
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise On Lamp
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	PTC
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater

model	year	area	system	function	subfunction
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Water In Fuel Lamp
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector #1 Actuation
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector #2 Actuation
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector #3 Actuation
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector #4 Actuation
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Special Function	Essential Work After Component Replacement
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Special Function	ECU Initialization
Cee'd(JD)	2014	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
Cee'd(JD)	2014	General Area	IMMO(Immobilizer)	Read Fault Code	
Cee'd(JD)	2014	General Area	IMMO(Immobilizer)	Clear Fault	
Cee'd(JD)	2014	General Area	IMMO(Immobilizer)	Read Data	
Cee'd(JD)	2014	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cee'd(JD)	2014	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cee'd(JD)	2014	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cee'd(JD)	2014	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cee'd(JD)	2014	General Area	LDWS(Lane Departure Warning System)	Version Information	
Cee'd(JD)	2014	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Cee'd(JD)	2014	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Cee'd(JD)	2014	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Cee'd(JD)	2014	General Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Variant Coding
Cee'd(JD)	2014	General Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Reference Point Calibration
Cee'd(JD)	2014	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Cee'd(JD)	2014	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Cee'd(JD)	2014	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Cee'd(JD)	2014	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Cee'd(JD)	2014	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Cee'd(JD)	2014	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Cee'd(JD)	2014	General Area	Smart Key Unit	Version	
Cee'd(JD)	2014	General Area	Smart Key Unit	Read Fault Code	
Cee'd(JD)	2014	General Area	Smart Key Unit	Clear Fault	
Cee'd(JD)	2014	General Area	Smart Key Unit	Read Data	
Cee'd(JD)	2014	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Cee'd(JD)	2014	General Area	Smart Key Unit	Actuation Test	External Buzzer
Cee'd(JD)	2014	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Cee'd(JD)	2014	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Cee'd(JD)	2014	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Cee'd(JD)	2014	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED OFF
Cee'd(JD)	2014	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Cee'd(JD)	2014	General Area	Smart Key Unit	Actuation Test	ACC Relay
Cee'd(JD)	2014	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Cee'd(JD)	2014	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Cee'd(JD)	2014	General Area	Smart Key Unit	Actuation Test	START Relay
Cee'd(JD)	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Cee'd(JD)	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Cee'd(JD)	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Cee'd(JD)	2014	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Cee'd(JD)	2014	General Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna

model	year	area	system	function	subfunction
Cee'd(JD)	2014	General Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
Cee'd(JD)	2014	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Cee'd(JD)	2014	General Area	Smart Key Unit	Special Function	Neutralization Mode
Cee'd(JD)	2014	General Area	Smart Key Unit	Special Function	SMK Status Information
Cee'd(JD)	2014	General Area	Smart Key Unit	Special Function	ESCL Status Information
Cee'd(JD)	2014	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Cee'd(JD)	2014	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Cee'd(JD)	2014	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Cee'd(JD)	2014	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Cee'd(JD)	2014	General Area	Smart Key Unit	Special Function	Antenna Status Check
Cee'd(JD)	2014	General Area	SPAS(Smart Parking Assist System)	Version Information	
Cee'd(JD)	2014	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Cee'd(JD)	2014	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Cee'd(JD)	2014	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Cee'd(JD)	2014	General Area	SPAS(Smart Parking Assist System)	Actuation Test	Speaker Activation
Cee'd(JD)	2014	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation
Cee'd(JD)	2014	General Area	SPAS(Smart Parking Assist System)	Special Function	SPAS Variant Coding
Cee'd(JD)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Cee'd(JD)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cee'd(JD)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Cee'd(JD)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cee'd(JD)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Cee'd(JD)	2014	General Area	TCM(Transmission Control Module)	Version Information	
Cee'd(JD)	2014	General Area	TCM(Transmission Control Module)	Read Fault Code	
Cee'd(JD)	2014	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cee'd(JD)	2014	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cee'd(JD)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Cee'd(JD)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Cee'd(JD)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Cee'd(JD)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Cee'd(JD)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Cee'd(JD)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Cee'd(JD)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Cee'd(JD)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Cee'd(JD)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Clutch1(DCT Only)
Cee'd(JD)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Clutch2(DCT Only)
Cee'd(JD)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	1st Gear
Cee'd(JD)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear

model	year	area	system	function	subfunction
Cee'd(JD)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear
Cee'd(JD)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	4th Gear
Cee'd(JD)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	5th Gear
Cee'd(JD)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	6th Gear
Cee'd(JD)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Reverse Gear
Cee'd(JD)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Disengage Gear
Cee'd(JD)	2014	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Cee'd(JD)	2014	General Area	TCM(Transmission Control Module)	Special Function	DCT Learning Function
Cee'd(JD)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Cee'd(JD)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Cee'd(JD)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Cee'd(JD)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Cee'd(JD)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Cee'd(JD)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Cee'd(JD)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Cee'd(JD)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Cee'd(JD)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Cee'd(JD)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Cee'd(JD)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Cee'd(JD)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Cee'd(JD)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Cee'd(JD)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Cee'd(JD)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing

model	year	area	system	function	subfunction
Cee'd(JD)	2013	General Area	ABS(Anti-Lock Brake System)	Version Information	
Cee'd(JD)	2013	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Cee'd(JD)	2013	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Cee'd(JD)	2013	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Cee'd(JD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Cee'd(JD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Cee'd(JD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Cee'd(JD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Cee'd(JD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Cee'd(JD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Cee'd(JD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Cee'd(JD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Cee'd(JD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Cee'd(JD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Cee'd(JD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Cee'd(JD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Cee'd(JD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Cee'd(JD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Cee'd(JD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Cee'd(JD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance Mode-EPB/MOC Disengaging
Cee'd(JD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance Mode-EPB/MOC Engaging

model	year	area	system	function	subfunction
Cee'd(JD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Cee'd(JD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Cee'd(JD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Warning Lamp
Cee'd(JD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Status Lamp
Cee'd(JD)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Cee'd(JD)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Cee'd(JD)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	EPB Variant Coding
Cee'd(JD)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	G-Sensor Calibration
Cee'd(JD)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	PAD Change Mode
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Version	
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Read Fault Code	
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Clear Fault	
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Read Data	
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%

model	year	area	system	function	subfunction
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%

model	year	area	system	function	subfunction
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Cee'd(JD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Cee'd(JD)	2013	General Area	AFS(Adaptive Front Lighting System)	Version Information	
Cee'd(JD)	2013	General Area	AFS(Adaptive Front Lighting System)	Read Fault Code	
Cee'd(JD)	2013	General Area	AFS(Adaptive Front Lighting System)	Clear Fault Memory	
Cee'd(JD)	2013	General Area	AFS(Adaptive Front Lighting System)	Read Data Stream	
Cee'd(JD)	2013	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Cee'd(JD)	2013	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Cee'd(JD)	2013	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	DBL(Dynamic Bending Light)Max(LH)Position

model	year	area	system	function	subfunction
Cee'd(JD)	2013	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	DBL(Dynamic Bending Light)Max(RH)Position
Cee'd(JD)	2013	General Area	AFS(Adaptive Front Lighting System)	Special Function	Calibration
Cee'd(JD)	2013	General Area	AFS(Adaptive Front Lighting System)	Special Function	Parameter Download
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Version Information	
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Read Fault Code	
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Clear Fault Memory	
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Read Data Stream	
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Cruise Indicator
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Seatbelt Indicator
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door open indicator
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR

model	year	area	system	function	subfunction
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Reverse Lamp Relay
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Starter Inhibit Relay
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Turn Left Signal
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Turn Right Signal
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)

model	year	area	system	function	subfunction
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Relay
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid(Automatic Transmission)
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Cee'd(JD)	2013	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting
Cee'd(JD)	2013	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Cee'd(JD)	2013	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving

model	year	area	system	function	subfunction
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Version Information	
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Read Fault Code	
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Read Data Stream	
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low

model	year	area	system	function	subfunction
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters

model	year	area	system	function	subfunction
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3

model	year	area	system	function	subfunction
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay(M/T Only)
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 5%
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 95%
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp

model	year	area	system	function	subfunction
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 5%
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 95%
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Throttle
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	IMV
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VGT Valve
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan2
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan1
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Power Supply Relay
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	MI Lamp
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug Lamp
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Air Conditioning Relay
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Main Lamp
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise On Lamp
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	PTC
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Water In Fuel Lamp
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector #1 Actuation
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector #2 Actuation
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector #3 Actuation

model	year	area	system	function	subfunction
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector #4 Actuation
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Special Function	Essential Work After Component Replacement
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Special Function	ECU Initialization
Cee'd(JD)	2013	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
Cee'd(JD)	2013	General Area	IMMO(Immobilizer)	Read Fault Code	
Cee'd(JD)	2013	General Area	IMMO(Immobilizer)	Clear Fault	
Cee'd(JD)	2013	General Area	IMMO(Immobilizer)	Read Data	
Cee'd(JD)	2013	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cee'd(JD)	2013	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cee'd(JD)	2013	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cee'd(JD)	2013	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cee'd(JD)	2013	General Area	LDWS(Lane Departure Warning System)	Version Information	
Cee'd(JD)	2013	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Cee'd(JD)	2013	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Cee'd(JD)	2013	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Cee'd(JD)	2013	General Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Variant Coding
Cee'd(JD)	2013	General Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Reference Point Calibration
Cee'd(JD)	2013	General Area	MDPS(Motor Driven Power Steering)	Version Information	

model	year	area	system	function	subfunction
Cee'd(JD)	2013	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Cee'd(JD)	2013	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Cee'd(JD)	2013	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Cee'd(JD)	2013	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Cee'd(JD)	2013	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Cee'd(JD)	2013	General Area	Smart Key Unit	Version	
Cee'd(JD)	2013	General Area	Smart Key Unit	Read Fault Code	
Cee'd(JD)	2013	General Area	Smart Key Unit	Clear Fault	
Cee'd(JD)	2013	General Area	Smart Key Unit	Read Data	
Cee'd(JD)	2013	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Cee'd(JD)	2013	General Area	Smart Key Unit	Actuation Test	External Buzzer
Cee'd(JD)	2013	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Cee'd(JD)	2013	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Cee'd(JD)	2013	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Cee'd(JD)	2013	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED OFF
Cee'd(JD)	2013	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Cee'd(JD)	2013	General Area	Smart Key Unit	Actuation Test	ACC Relay
Cee'd(JD)	2013	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Cee'd(JD)	2013	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Cee'd(JD)	2013	General Area	Smart Key Unit	Actuation Test	START Relay
Cee'd(JD)	2013	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Cee'd(JD)	2013	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Cee'd(JD)	2013	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Cee'd(JD)	2013	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Cee'd(JD)	2013	General Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna
Cee'd(JD)	2013	General Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
Cee'd(JD)	2013	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Cee'd(JD)	2013	General Area	Smart Key Unit	Special Function	Neutralization Mode
Cee'd(JD)	2013	General Area	Smart Key Unit	Special Function	SMK Status Information

model	year	area	system	function	subfunction
Cee'd(JD)	2013	General Area	Smart Key Unit	Special Function	ESCL Status Information
Cee'd(JD)	2013	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Cee'd(JD)	2013	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Cee'd(JD)	2013	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Cee'd(JD)	2013	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Cee'd(JD)	2013	General Area	Smart Key Unit	Special Function	Antenna Status Check
Cee'd(JD)	2013	General Area	SPAS(Smart Parking Assist System)	Version Information	
Cee'd(JD)	2013	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Cee'd(JD)	2013	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Cee'd(JD)	2013	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Cee'd(JD)	2013	General Area	SPAS(Smart Parking Assist System)	Actuation Test	Speaker Activation
Cee'd(JD)	2013	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation
Cee'd(JD)	2013	General Area	SPAS(Smart Parking Assist System)	Special Function	SPAS Variant Coding
Cee'd(JD)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Cee'd(JD)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cee'd(JD)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cee'd(JD)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cee'd(JD)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Cee'd(JD)	2013	General Area	TCM(Transmission Control Module)	Version Information	
Cee'd(JD)	2013	General Area	TCM(Transmission Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Cee'd(JD)	2013	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cee'd(JD)	2013	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cee'd(JD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Cee'd(JD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Cee'd(JD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Cee'd(JD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Cee'd(JD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Cee'd(JD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Cee'd(JD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Cee'd(JD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Cee'd(JD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Clutch1(DCT Only)
Cee'd(JD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Clutch2(DCT Only)
Cee'd(JD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	1st Gear
Cee'd(JD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear
Cee'd(JD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear
Cee'd(JD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	4th Gear
Cee'd(JD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	5th Gear
Cee'd(JD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	6th Gear
Cee'd(JD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Reverse Gear

model	year	area	system	function	subfunction
Cee'd(JD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Disengage Gear
Cee'd(JD)	2013	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Cee'd(JD)	2013	General Area	TCM(Transmission Control Module)	Special Function	DCT Learning Function
Cee'd(JD)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Cee'd(JD)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Cee'd(JD)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Cee'd(JD)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Cee'd(JD)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Cee'd(JD)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Cee'd(JD)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Cee'd(JD)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Cee'd(JD)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Cee'd(JD)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Cee'd(JD)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Cee'd(JD)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Cee'd(JD)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Cee'd(JD)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Cee'd(JD)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Cerato(LD)	2009	General Area	ABS(Anti-Lock Brake System)	Version Information	
Cerato(LD)	2009	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Cerato(LD)	2009	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Cerato(LD)	2009	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Cerato(LD)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor

model	year	area	system	function	subfunction
Cerato(LD)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Cerato(LD)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Cerato(LD)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Cerato(LD)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Cerato(LD)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Cerato(LD)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Cerato(LD)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Cerato(LD)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Cerato(LD)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Traction Control Valve-Left Front
Cerato(LD)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Traction Control Valve-Right Front
Cerato(LD)	2009	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Version	
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Read Fault Code	
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Clear Fault	
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Read Data	
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor

model	year	area	system	function	subfunction
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)

model	year	area	system	function	subfunction
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Cerato(LD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Version Information	
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Read Fault Code	
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Read Data Stream	
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater On(Diesel)
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve

model	year	area	system	function	subfunction
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay

model	year	area	system	function	subfunction
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Special Function	Ignition Test
Cerato(LD)	2009	General Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Cerato(LD)	2009	General Area	IMMO(Immobilizer)	Read Data	
Cerato(LD)	2009	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cerato(LD)	2009	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cerato(LD)	2009	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cerato(LD)	2009	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Cerato(LD)	2009	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cerato(LD)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Cerato(LD)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cerato(LD)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cerato(LD)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cerato(LD)	2009	General Area	TCM(Transmission Control Module)	Version Information	

model	year	area	system	function	subfunction
Cerato(LD)	2009	General Area	TCM(Transmission Control Module)	Read Fault Code	
Cerato(LD)	2009	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cerato(LD)	2009	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cerato(LD)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-A
Cerato(LD)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
Cerato(LD)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
Cerato(LD)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-C(PCSV-C)
Cerato(LD)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Cerato(LD)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Cerato(LD)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	On/Off Solenoid(SCSV-A)
Cerato(LD)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Cerato(LD)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid
Cerato(LD)	2009	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Cerato(LD)	2008	General Area	ABS(Anti-Lock Brake System)	Version Information	
Cerato(LD)	2008	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Cerato(LD)	2008	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Cerato(LD)	2008	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Cerato(LD)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Cerato(LD)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Cerato(LD)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Cerato(LD)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear

model	year	area	system	function	subfunction
Cerato(LD)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Cerato(LD)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Cerato(LD)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Cerato(LD)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Cerato(LD)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Cerato(LD)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Traction Control Valve-Left Front
Cerato(LD)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Traction Control Valve-Right Front
Cerato(LD)	2008	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Version	
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Read Fault Code	
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Clear Fault	
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Read Data	
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh

model	year	area	system	function	subfunction
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%

model	year	area	system	function	subfunction
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Cerato(LD)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Version Information	
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Read Fault Code	
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Read Data Stream	
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater On(Diesel)
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)

model	year	area	system	function	subfunction
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve

model	year	area	system	function	subfunction
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Special Function	Ignition Test
Cerato(LD)	2008	General Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Cerato(LD)	2008	General Area	IMMO(Immobilizer)	Read Data	
Cerato(LD)	2008	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cerato(LD)	2008	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cerato(LD)	2008	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cerato(LD)	2008	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Cerato(LD)	2008	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cerato(LD)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Cerato(LD)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cerato(LD)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cerato(LD)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cerato(LD)	2008	General Area	TCM(Transmission Control Module)	Version Information	
Cerato(LD)	2008	General Area	TCM(Transmission Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Cerato(LD)	2008	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cerato(LD)	2008	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cerato(LD)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-A
Cerato(LD)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
Cerato(LD)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
Cerato(LD)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-C(PCSV-C)
Cerato(LD)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Cerato(LD)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Cerato(LD)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	On/Off Solenoid(SCSV-A)
Cerato(LD)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Cerato(LD)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid
Cerato(LD)	2008	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Cerato(LD)	2007	General Area	ABS(Anti-Lock Brake System)	Version Information	
Cerato(LD)	2007	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Cerato(LD)	2007	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Cerato(LD)	2007	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Cerato(LD)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Cerato(LD)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Cerato(LD)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Cerato(LD)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Cerato(LD)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear

model	year	area	system	function	subfunction
Cerato(LD)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Cerato(LD)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Cerato(LD)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Cerato(LD)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Cerato(LD)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Traction Control Valve-Left Front
Cerato(LD)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Traction Control Valve-Right Front
Cerato(LD)	2007	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Version	
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Read Fault Code	
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Clear Fault	
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Read Data	
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation

model	year	area	system	function	subfunction
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%

model	year	area	system	function	subfunction
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Cerato(LD)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Version Information	
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Read Fault Code	
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Read Data Stream	
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater On(Diesel)
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)

model	year	area	system	function	subfunction
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3

model	year	area	system	function	subfunction
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Special Function	Ignition Test
Cerato(LD)	2007	General Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Cerato(LD)	2007	General Area	IMMO(Immobilizer)	Read Data	
Cerato(LD)	2007	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cerato(LD)	2007	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cerato(LD)	2007	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cerato(LD)	2007	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Cerato(LD)	2007	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cerato(LD)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Cerato(LD)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cerato(LD)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cerato(LD)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cerato(LD)	2007	General Area	TCM(Transmission Control Module)	Version Information	
Cerato(LD)	2007	General Area	TCM(Transmission Control Module)	Read Fault Code	
Cerato(LD)	2007	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cerato(LD)	2007	General Area	TCM(Transmission Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Cerato(LD)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-A
Cerato(LD)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
Cerato(LD)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
Cerato(LD)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-C(PCSV-C)
Cerato(LD)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Cerato(LD)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Cerato(LD)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	On/Off Solenoid(SCSV-A)
Cerato(LD)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Cerato(LD)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid
Cerato(LD)	2007	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Cerato(LD)	2006	General Area	ABS(Anti-Lock Brake System)	Version Information	
Cerato(LD)	2006	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Cerato(LD)	2006	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Cerato(LD)	2006	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Cerato(LD)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Cerato(LD)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Cerato(LD)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Cerato(LD)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Cerato(LD)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Cerato(LD)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Cerato(LD)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front

model	year	area	system	function	subfunction
Cerato(LD)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Cerato(LD)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Cerato(LD)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Traction Control Valve-Left Front
Cerato(LD)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Traction Control Valve-Right Front
Cerato(LD)	2006	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Cerato(LD)	2006	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Version Information	
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Read Fault Code	
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Read Data Stream	
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	A/C compressor
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fan-LO
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fan-HI
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel pump
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	MIL(check engine)
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	preheating indicator light
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Glow plug relay
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	water heating relay/PTC
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	EGR Actuator
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel pressure regulator valve
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	VGT ACTUATOR
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	inhibitor IND
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	CRUISE CONTROL LAMP

model	year	area	system	function	subfunction
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater On(Diesel)
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve(CPS)
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1

model	year	area	system	function	subfunction
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Purge Control Solenoid Valve
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Valve
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut-4 Cylinders
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Special Function	AT/MT Recognition
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Special Function	Ignition Test
Cerato(LD)	2006	General Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Cerato(LD)	2006	General Area	IMMO(Immobilizer)	Read Data	
Cerato(LD)	2006	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cerato(LD)	2006	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cerato(LD)	2006	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cerato(LD)	2006	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cerato(LD)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	

model	year	area	system	function	subfunction
Cerato(LD)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cerato(LD)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cerato(LD)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cerato(LD)	2006	General Area	TCM(Transmission Control Module)	Version Information	
Cerato(LD)	2006	General Area	TCM(Transmission Control Module)	Read Fault Code	
Cerato(LD)	2006	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cerato(LD)	2006	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cerato(LD)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	On/Off Solenoid(SCSV-A)
Cerato(LD)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Cerato(LD)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Cerato(LD)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
Cerato(LD)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
Cerato(LD)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-A
Cerato(LD)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-B
Cerato(LD)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-C
Cerato(LD)	2005	General Area	ABS(Anti-Lock Brake System)	Version Information	
Cerato(LD)	2005	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Cerato(LD)	2005	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Cerato(LD)	2005	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Cerato(LD)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor

model	year	area	system	function	subfunction
Cerato(LD)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Cerato(LD)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Cerato(LD)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Cerato(LD)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Cerato(LD)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Cerato(LD)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Cerato(LD)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Cerato(LD)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Cerato(LD)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Traction Control Valve-Left Front
Cerato(LD)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Traction Control Valve-Right Front
Cerato(LD)	2005	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Cerato(LD)	2005	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Version Information	
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Read Fault Code	
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Read Data Stream	
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	A/C compressor
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Fan-LO
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Fan-HI
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Fuel pump
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	MIL(check engine)
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	preheating indicator light
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Glow plug relay

model	year	area	system	function	subfunction
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	water heating relay/PTC
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	EGR Actuator
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Fuel pressure regulator valve
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	VGT ACTUATOR
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	inhibitor IND
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	CRUISE CONTROL LAMP
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve(CPS)
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2

model	year	area	system	function	subfunction
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Purge Control Solenoid Valve
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Valve
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut-4 Cylinders
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Special Function	AT/MT Recognition
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Special Function	Ignition Test
Cerato(LD)	2005	General Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Cerato(LD)	2005	General Area	IMMO(Immobilizer)	Read Data	
Cerato(LD)	2005	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cerato(LD)	2005	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cerato(LD)	2005	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cerato(LD)	2005	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cerato(LD)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	

model	year	area	system	function	subfunction
Cerato(LD)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cerato(LD)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cerato(LD)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cerato(LD)	2005	General Area	TCM(Transmission Control Module)	Version Information	
Cerato(LD)	2005	General Area	TCM(Transmission Control Module)	Read Fault Code	
Cerato(LD)	2005	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cerato(LD)	2005	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cerato(LD)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Cerato(LD)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Cerato(LD)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Cerato(LD)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Cerato(LD)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Cerato(LD)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Cerato(LD)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Cerato(LD)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
Cerato(LD)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
Cerato(LD)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-A
Cerato(LD)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-B
Cerato(LD)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-C
Cerato(LD)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	On/Off Solenoid(SCSV-A)

model	year	area	system	function	subfunction
Cerato(LD)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Cerato(LD)	2004	General Area	ABS(Anti-Lock Brake System)	Version Information	
Cerato(LD)	2004	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Cerato(LD)	2004	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Cerato(LD)	2004	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Cerato(LD)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Cerato(LD)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Cerato(LD)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Cerato(LD)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Cerato(LD)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Cerato(LD)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Cerato(LD)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Cerato(LD)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Cerato(LD)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Cerato(LD)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Traction Control Valve-Left Front
Cerato(LD)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Traction Control Valve-Right Front
Cerato(LD)	2004	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Cerato(LD)	2004	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Version Information	
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Read Fault Code	
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Read Data Stream	
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor

model	year	area	system	function	subfunction
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve(CPS)
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low

model	year	area	system	function	subfunction
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Purge Control Solenoid Valve
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Valve
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut-4 Cylinders
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Special Function	AT/MT Recognition
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Special Function	Ignition Test
Cerato(LD)	2004	General Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Cerato(LD)	2004	General Area	IMMO(Immobilizer)	Read Data	
Cerato(LD)	2004	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cerato(LD)	2004	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cerato(LD)	2004	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cerato(LD)	2004	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cerato(LD)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Cerato(LD)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cerato(LD)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cerato(LD)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	

model	year	area	system	function	subfunction
Cerato(LD)	2004	General Area	TCM(Transmission Control Module)	Version Information	
Cerato(LD)	2004	General Area	TCM(Transmission Control Module)	Read Fault Code	
Cerato(LD)	2004	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cerato(LD)	2004	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cerato(LD)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Cerato(LD)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Cerato(LD)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Cerato(LD)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Cerato(LD)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Cerato(LD)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Cerato(LD)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Cerato(LD)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
Cerato(LD)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
Cerato(LD)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-A
Cerato(LD)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-B
Cerato(LD)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-C
Cerato(LD)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	On/Off Solenoid(SCSV-A)
Cerato(LD)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Cerato(LD)	2003	General Area	ABS(Anti-Lock Brake System)	Version Information	
Cerato(LD)	2003	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Cerato(LD)	2003	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Cerato(LD)	2003	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	

model	year	area	system	function	subfunction
Cerato(LD)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Cerato(LD)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Cerato(LD)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Cerato(LD)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Cerato(LD)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Cerato(LD)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Cerato(LD)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Cerato(LD)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Cerato(LD)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Cerato(LD)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Traction Control Valve-Left Front
Cerato(LD)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Traction Control Valve-Right Front
Cerato(LD)	2003	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Cerato(LD)	2003	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Cerato(LD)	2003	General Area	ECM(Engine Control Module)	Version Information	
Cerato(LD)	2003	General Area	ECM(Engine Control Module)	Read Fault Code	
Cerato(LD)	2003	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cerato(LD)	2003	General Area	ECM(Engine Control Module)	Read Data Stream	
Cerato(LD)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Cerato(LD)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Cerato(LD)	2003	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Cerato(LD)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Cerato(LD)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Cerato(LD)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve(CPS)

model	year	area	system	function	subfunction
Cerato(LD)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Cerato(LD)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Cerato(LD)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Cerato(LD)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cerato(LD)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cerato(LD)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cerato(LD)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cerato(LD)	2003	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Cerato(LD)	2003	General Area	IMMO(Immobilizer)	Read Data	
Cerato(LD)	2003	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cerato(LD)	2003	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cerato(LD)	2003	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cerato(LD)	2003	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cerato(LD)	2003	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Cerato(LD)	2003	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cerato(LD)	2003	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cerato(LD)	2003	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cerato(LD)	2003	General Area	TCM(Transmission Control Module)	Version Information	
Cerato(LD)	2003	General Area	TCM(Transmission Control Module)	Read Fault Code	
Cerato(LD)	2003	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cerato(LD)	2003	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cerato(LD)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)

model	year	area	system	function	subfunction
Cerato(LD)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
Cerato(LD)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-A
Cerato(LD)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-B
Cerato(LD)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-C
Cerato(LD)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Version Information	
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Read Fault Code	
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Clear Fault Memory	
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Read Data Stream	
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Cerato/Forte (TD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Cerato/Forte (TD)	2013	General Area	BCM(Body Control Module)	Version Information	
Cerato/Forte (TD)	2013	General Area	BCM(Body Control Module)	Read Data Stream	
Cerato/Forte (TD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Cerato/Forte (TD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Cerato/Forte (TD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Trunk release relay
Cerato/Forte (TD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Unit
Cerato/Forte (TD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Cerato/Forte (TD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Cerato/Forte (TD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Cerato/Forte (TD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay/DRL Unit
Cerato/Forte (TD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head lamp relay
Cerato/Forte (TD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Cerato/Forte (TD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Cerato/Forte (TD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Cerato/Forte (TD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Cerato/Forte (TD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Cerato/Forte (TD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Front fog relay
Cerato/Forte (TD)	2013	General Area	BCM(Body Control Module)	Actuation Test	ATM ShiftLock Relay
Cerato/Forte (TD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Cerato/Forte (TD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Cerato/Forte (TD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tail Gate Relay
Cerato/Forte (TD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Cerato/Forte (TD)	2013	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Cerato/Forte (TD)	2013	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Version Information	
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Read Fault Code	
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Read Data Stream	
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Special Function	CVVT Test

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Cerato/Forte (TD)	2013	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Cerato/Forte (TD)	2013	General Area	ESP(Electronic Stability Program)	Version Information	
Cerato/Forte (TD)	2013	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Cerato/Forte (TD)	2013	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Cerato/Forte (TD)	2013	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Cerato/Forte (TD)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Cerato/Forte (TD)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Cerato/Forte (TD)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Cerato/Forte (TD)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Cerato/Forte (TD)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Cerato/Forte (TD)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Cerato/Forte (TD)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Cerato/Forte (TD)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Cerato/Forte (TD)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Cerato/Forte (TD)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Cerato/Forte (TD)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Cerato/Forte (TD)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Cerato/Forte (TD)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Cerato/Forte (TD)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Cerato/Forte (TD)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Cerato/Forte (TD)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Cerato/Forte (TD)	2013	General Area	ESP(Electronic Stability Program)	Special Function	SAS Calibration(CAN-ESP Only)
Cerato/Forte (TD)	2013	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Cerato/Forte (TD)	2013	General Area	IMMO(Immobilizer)	Read Data Stream	
Cerato/Forte (TD)	2013	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cerato/Forte (TD)	2013	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cerato/Forte (TD)	2013	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cerato/Forte (TD)	2013	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Cerato/Forte (TD)	2013	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cerato/Forte (TD)	2013	General Area	Smart Key	Version Information	
Cerato/Forte (TD)	2013	General Area	Smart Key	Read Fault Code	
Cerato/Forte (TD)	2013	General Area	Smart Key	Clear Fault Memory	
Cerato/Forte (TD)	2013	General Area	Smart Key	Read Data Stream	
Cerato/Forte (TD)	2013	General Area	Smart Key	Actuation Test	Key Out Indicator
Cerato/Forte (TD)	2013	General Area	Smart Key	Actuation Test	Immobilizer Indicator
Cerato/Forte (TD)	2013	General Area	Smart Key	Actuation Test	External Buzzer
Cerato/Forte (TD)	2013	General Area	Smart Key	Actuation Test	Interior Antenna 1
Cerato/Forte (TD)	2013	General Area	Smart Key	Actuation Test	Interior Antenna 2
Cerato/Forte (TD)	2013	General Area	Smart Key	Actuation Test	Trunk/Tailgate Antenna Active
Cerato/Forte (TD)	2013	General Area	Smart Key	Actuation Test	Bumper/Tail Gate Antenna

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2013	General Area	Smart Key	Actuation Test	Driver Door Handle Antenna
Cerato/Forte (TD)	2013	General Area	Smart Key	Actuation Test	Right Door Handle Antenna
Cerato/Forte (TD)	2013	General Area	Smart Key	Actuation Test	SSB LED Amber
Cerato/Forte (TD)	2013	General Area	Smart Key	Actuation Test	SSB LED Blue/Green
Cerato/Forte (TD)	2013	General Area	Smart Key	Actuation Test	FOB holder illumination
Cerato/Forte (TD)	2013	General Area	Smart Key	Actuation Test	SSB illumination
Cerato/Forte (TD)	2013	General Area	Smart Key	Actuation Test	ACC Relay
Cerato/Forte (TD)	2013	General Area	Smart Key	Actuation Test	IGN1 Relay
Cerato/Forte (TD)	2013	General Area	Smart Key	Actuation Test	IGN2 Relay
Cerato/Forte (TD)	2013	General Area	Smart Key	Actuation Test	START Relay
Cerato/Forte (TD)	2013	General Area	Smart Key	Special Function	Neutralization Mode
Cerato/Forte (TD)	2013	General Area	Smart Key	Special Function	SMK Status Information
Cerato/Forte (TD)	2013	General Area	Smart Key	Special Function	ESCL Status Information
Cerato/Forte (TD)	2013	General Area	Smart Key	Special Function	PDM Status Information
Cerato/Forte (TD)	2013	General Area	Smart Key	Special Function	FOB KEY Status Information
Cerato/Forte (TD)	2013	General Area	Smart Key	Special Function	Serial Communication Line Check
Cerato/Forte (TD)	2013	General Area	Smart Key	Special Function	Antenna Status Check
Cerato/Forte (TD)	2013	General Area	Smart Key	Special Function	Smart Key Code Saving
Cerato/Forte (TD)	2013	General Area	Smart Key	Special Function	ESCL Open Status Check
Cerato/Forte (TD)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Cerato/Forte (TD)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cerato/Forte (TD)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cerato/Forte (TD)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Cerato/Forte (TD)	2013	General Area	Steering	Version Information	
Cerato/Forte (TD)	2013	General Area	Steering	Read Fault Code	
Cerato/Forte (TD)	2013	General Area	Steering	Clear Fault Memory	
Cerato/Forte (TD)	2013	General Area	Steering	Read Data Stream	
Cerato/Forte (TD)	2013	General Area	Steering	Special Function	ASP Calibration
Cerato/Forte (TD)	2013	General Area	Steering	Special Function	EPS Type Recognition
Cerato/Forte (TD)	2013	General Area	TCM(Transmission Control Module)	Version Information	
Cerato/Forte (TD)	2013	General Area	TCM(Transmission Control Module)	Read Fault Code	
Cerato/Forte (TD)	2013	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cerato/Forte (TD)	2013	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cerato/Forte (TD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
Cerato/Forte (TD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
Cerato/Forte (TD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE
Cerato/Forte (TD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
Cerato/Forte (TD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Cerato/Forte (TD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Cerato/Forte (TD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Cerato/Forte (TD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Cerato/Forte (TD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Cerato/Forte (TD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Cerato/Forte (TD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Cerato/Forte (TD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Cerato/Forte (TD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Cerato/Forte (TD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
Cerato/Forte (TD)	2013	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Version Information	
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Read Fault Code	
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Clear Fault Memory	
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Read Data Stream	
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Cerato/Forte (TD)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Cerato/Forte (TD)	2012	General Area	BCM(Body Control Module)	Version Information	
Cerato/Forte (TD)	2012	General Area	BCM(Body Control Module)	Read Data Stream	
Cerato/Forte (TD)	2012	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Cerato/Forte (TD)	2012	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Cerato/Forte (TD)	2012	General Area	BCM(Body Control Module)	Actuation Test	Trunk release relay

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2012	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Unit
Cerato/Forte (TD)	2012	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Cerato/Forte (TD)	2012	General Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Cerato/Forte (TD)	2012	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Cerato/Forte (TD)	2012	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay/DRL Unit
Cerato/Forte (TD)	2012	General Area	BCM(Body Control Module)	Actuation Test	Head lamp relay
Cerato/Forte (TD)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Cerato/Forte (TD)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Cerato/Forte (TD)	2012	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Cerato/Forte (TD)	2012	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Cerato/Forte (TD)	2012	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Cerato/Forte (TD)	2012	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Cerato/Forte (TD)	2012	General Area	BCM(Body Control Module)	Actuation Test	Front fog relay
Cerato/Forte (TD)	2012	General Area	BCM(Body Control Module)	Actuation Test	ATM ShiftLock Relay
Cerato/Forte (TD)	2012	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Cerato/Forte (TD)	2012	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Cerato/Forte (TD)	2012	General Area	BCM(Body Control Module)	Actuation Test	Tail Gate Relay
Cerato/Forte (TD)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Cerato/Forte (TD)	2012	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Cerato/Forte (TD)	2012	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Version Information	
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Read Data Stream	
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve for IVVT(OCV)
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve for IVVT Exhaust side
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Cerato/Forte (TD)	2012	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Cerato/Forte (TD)	2012	General Area	ESP(Electronic Stability Program)	Version Information	
Cerato/Forte (TD)	2012	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Cerato/Forte (TD)	2012	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2012	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Cerato/Forte (TD)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Cerato/Forte (TD)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Cerato/Forte (TD)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Cerato/Forte (TD)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Cerato/Forte (TD)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Cerato/Forte (TD)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Cerato/Forte (TD)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Cerato/Forte (TD)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Cerato/Forte (TD)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Cerato/Forte (TD)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Cerato/Forte (TD)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Cerato/Forte (TD)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Cerato/Forte (TD)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Cerato/Forte (TD)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Cerato/Forte (TD)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Cerato/Forte (TD)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Cerato/Forte (TD)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Cerato/Forte (TD)	2012	General Area	ESP(Electronic Stability Program)	Special Function	SAS Calibration(CAN-ESP Only)
Cerato/Forte (TD)	2012	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Cerato/Forte (TD)	2012	General Area	IMMO(Immobilizer)	Read Data Stream	

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2012	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cerato/Forte (TD)	2012	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cerato/Forte (TD)	2012	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cerato/Forte (TD)	2012	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Cerato/Forte (TD)	2012	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cerato/Forte (TD)	2012	General Area	Smart Key	Version Information	
Cerato/Forte (TD)	2012	General Area	Smart Key	Read Fault Code	
Cerato/Forte (TD)	2012	General Area	Smart Key	Clear Fault Memory	
Cerato/Forte (TD)	2012	General Area	Smart Key	Read Data Stream	
Cerato/Forte (TD)	2012	General Area	Smart Key	Actuation Test	Key Out Indicator
Cerato/Forte (TD)	2012	General Area	Smart Key	Actuation Test	Immobilizer Indicator
Cerato/Forte (TD)	2012	General Area	Smart Key	Actuation Test	External Buzzer
Cerato/Forte (TD)	2012	General Area	Smart Key	Actuation Test	Interior Antenna 1
Cerato/Forte (TD)	2012	General Area	Smart Key	Actuation Test	Interior Antenna 2
Cerato/Forte (TD)	2012	General Area	Smart Key	Actuation Test	Trunk/Tailgate Antenna Active
Cerato/Forte (TD)	2012	General Area	Smart Key	Actuation Test	Bumper/Tail Gate Antenna
Cerato/Forte (TD)	2012	General Area	Smart Key	Actuation Test	Driver Door Handle Antenna
Cerato/Forte (TD)	2012	General Area	Smart Key	Actuation Test	Right Door Handle Antenna
Cerato/Forte (TD)	2012	General Area	Smart Key	Actuation Test	SSB LED Amber
Cerato/Forte (TD)	2012	General Area	Smart Key	Actuation Test	SSB LED Blue/Green
Cerato/Forte (TD)	2012	General Area	Smart Key	Actuation Test	FOB holder illumination
Cerato/Forte (TD)	2012	General Area	Smart Key	Actuation Test	SSB illumination
Cerato/Forte (TD)	2012	General Area	Smart Key	Actuation Test	ACC Relay

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2012	General Area	Smart Key	Actuation Test	IGN1 Relay
Cerato/Forte (TD)	2012	General Area	Smart Key	Actuation Test	IGN2 Relay
Cerato/Forte (TD)	2012	General Area	Smart Key	Actuation Test	START Relay
Cerato/Forte (TD)	2012	General Area	Smart Key	Special Function	Neutralization Mode
Cerato/Forte (TD)	2012	General Area	Smart Key	Special Function	SMK Status Information
Cerato/Forte (TD)	2012	General Area	Smart Key	Special Function	ESCL Status Information
Cerato/Forte (TD)	2012	General Area	Smart Key	Special Function	PDM Status Information
Cerato/Forte (TD)	2012	General Area	Smart Key	Special Function	FOB KEY Status Information
Cerato/Forte (TD)	2012	General Area	Smart Key	Special Function	Serial Communication Line Check
Cerato/Forte (TD)	2012	General Area	Smart Key	Special Function	Antenna Status Check
Cerato/Forte (TD)	2012	General Area	Smart Key	Special Function	Smart Key Code Saving
Cerato/Forte (TD)	2012	General Area	Smart Key	Special Function	ESCL Open Status Check
Cerato/Forte (TD)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Cerato/Forte (TD)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cerato/Forte (TD)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cerato/Forte (TD)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cerato/Forte (TD)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Cerato/Forte (TD)	2012	General Area	Steering	Version Information	
Cerato/Forte (TD)	2012	General Area	Steering	Read Fault Code	
Cerato/Forte (TD)	2012	General Area	Steering	Clear Fault Memory	

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2012	General Area	Steering	Read Data Stream	
Cerato/Forte (TD)	2012	General Area	Steering	Special Function	ASP Calibration
Cerato/Forte (TD)	2012	General Area	Steering	Special Function	EPS Type Recognition
Cerato/Forte (TD)	2012	General Area	TCM(Transmission Control Module)	Version Information	
Cerato/Forte (TD)	2012	General Area	TCM(Transmission Control Module)	Read Fault Code	
Cerato/Forte (TD)	2012	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cerato/Forte (TD)	2012	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cerato/Forte (TD)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Cerato/Forte (TD)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Cerato/Forte (TD)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Cerato/Forte (TD)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Cerato/Forte (TD)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Cerato/Forte (TD)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Cerato/Forte (TD)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Cerato/Forte (TD)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Cerato/Forte (TD)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
Cerato/Forte (TD)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE
Cerato/Forte (TD)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
Cerato/Forte (TD)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
Cerato/Forte (TD)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Cerato/Forte (TD)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
Cerato/Forte (TD)	2012	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Version Information	
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Read Fault Code	
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Clear Fault Memory	
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Read Data Stream	
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Cerato/Forte (TD)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Cerato/Forte (TD)	2011	General Area	BCM(Body Control Module)	Version Information	
Cerato/Forte (TD)	2011	General Area	BCM(Body Control Module)	Read Data Stream	
Cerato/Forte (TD)	2011	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Cerato/Forte (TD)	2011	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Cerato/Forte (TD)	2011	General Area	BCM(Body Control Module)	Actuation Test	Trunk release relay
Cerato/Forte (TD)	2011	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Unit
Cerato/Forte (TD)	2011	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Cerato/Forte (TD)	2011	General Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Cerato/Forte (TD)	2011	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Cerato/Forte (TD)	2011	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay/DRL Unit
Cerato/Forte (TD)	2011	General Area	BCM(Body Control Module)	Actuation Test	Head lamp relay
Cerato/Forte (TD)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Cerato/Forte (TD)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2011	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Cerato/Forte (TD)	2011	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Cerato/Forte (TD)	2011	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Cerato/Forte (TD)	2011	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Cerato/Forte (TD)	2011	General Area	BCM(Body Control Module)	Actuation Test	Front fog relay
Cerato/Forte (TD)	2011	General Area	BCM(Body Control Module)	Actuation Test	ATM ShiftLock Relay
Cerato/Forte (TD)	2011	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Cerato/Forte (TD)	2011	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Cerato/Forte (TD)	2011	General Area	BCM(Body Control Module)	Actuation Test	Tail Gate Relay
Cerato/Forte (TD)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Cerato/Forte (TD)	2011	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Cerato/Forte (TD)	2011	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Version Information	
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Read Fault Code	
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Read Data Stream	
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve for IVVT(OCV)
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve for IVVT Exhaust side
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Cerato/Forte (TD)	2011	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Cerato/Forte (TD)	2011	General Area	ESP(Electronic Stability Program)	Version Information	
Cerato/Forte (TD)	2011	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Cerato/Forte (TD)	2011	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Cerato/Forte (TD)	2011	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Cerato/Forte (TD)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Cerato/Forte (TD)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Cerato/Forte (TD)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Cerato/Forte (TD)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Cerato/Forte (TD)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Cerato/Forte (TD)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Cerato/Forte (TD)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Cerato/Forte (TD)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Cerato/Forte (TD)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Cerato/Forte (TD)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Cerato/Forte (TD)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Cerato/Forte (TD)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Cerato/Forte (TD)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Cerato/Forte (TD)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Cerato/Forte (TD)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Cerato/Forte (TD)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Cerato/Forte (TD)	2011	General Area	ESP(Electronic Stability Program)	Special Function	SAS Calibration(CAN-ESP Only)
Cerato/Forte (TD)	2011	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Cerato/Forte (TD)	2011	General Area	IMMO(Immobilizer)	Read Data Stream	
Cerato/Forte (TD)	2011	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cerato/Forte (TD)	2011	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cerato/Forte (TD)	2011	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cerato/Forte (TD)	2011	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Cerato/Forte (TD)	2011	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cerato/Forte (TD)	2011	General Area	Smart Key	Version Information	

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2011	General Area	Smart Key	Read Fault Code	
Cerato/Forte (TD)	2011	General Area	Smart Key	Clear Fault Memory	
Cerato/Forte (TD)	2011	General Area	Smart Key	Read Data Stream	
Cerato/Forte (TD)	2011	General Area	Smart Key	Actuation Test	Key Out Indicator
Cerato/Forte (TD)	2011	General Area	Smart Key	Actuation Test	Immobilizer Indicator
Cerato/Forte (TD)	2011	General Area	Smart Key	Actuation Test	External Buzzer
Cerato/Forte (TD)	2011	General Area	Smart Key	Actuation Test	Interior Antenna 1
Cerato/Forte (TD)	2011	General Area	Smart Key	Actuation Test	Interior Antenna 2
Cerato/Forte (TD)	2011	General Area	Smart Key	Actuation Test	Trunk/Tailgate Antenna Active
Cerato/Forte (TD)	2011	General Area	Smart Key	Actuation Test	Bumper/Tail Gate Antenna
Cerato/Forte (TD)	2011	General Area	Smart Key	Actuation Test	Driver Door Handle Antenna
Cerato/Forte (TD)	2011	General Area	Smart Key	Actuation Test	Right Door Handle Antenna
Cerato/Forte (TD)	2011	General Area	Smart Key	Actuation Test	SSB LED Amber
Cerato/Forte (TD)	2011	General Area	Smart Key	Actuation Test	SSB LED Blue/Green
Cerato/Forte (TD)	2011	General Area	Smart Key	Actuation Test	FOB holder illumination
Cerato/Forte (TD)	2011	General Area	Smart Key	Actuation Test	SSB illumination
Cerato/Forte (TD)	2011	General Area	Smart Key	Actuation Test	ACC Relay
Cerato/Forte (TD)	2011	General Area	Smart Key	Actuation Test	IGN1 Relay
Cerato/Forte (TD)	2011	General Area	Smart Key	Actuation Test	IGN2 Relay
Cerato/Forte (TD)	2011	General Area	Smart Key	Actuation Test	START Relay
Cerato/Forte (TD)	2011	General Area	Smart Key	Special Function	Neutralization Mode
Cerato/Forte (TD)	2011	General Area	Smart Key	Special Function	SMK Status Information
Cerato/Forte (TD)	2011	General Area	Smart Key	Special Function	ESCL Status Information

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2011	General Area	Smart Key	Special Function	PDM Status Information
Cerato/Forte (TD)	2011	General Area	Smart Key	Special Function	FOB KEY Status Information
Cerato/Forte (TD)	2011	General Area	Smart Key	Special Function	Serial Communication Line Check
Cerato/Forte (TD)	2011	General Area	Smart Key	Special Function	Antenna Status Check
Cerato/Forte (TD)	2011	General Area	Smart Key	Special Function	Smart Key Code Saving
Cerato/Forte (TD)	2011	General Area	Smart Key	Special Function	ESCL Open Status Check
Cerato/Forte (TD)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Cerato/Forte (TD)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cerato/Forte (TD)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cerato/Forte (TD)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cerato/Forte (TD)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Cerato/Forte (TD)	2011	General Area	Steering	Version Information	
Cerato/Forte (TD)	2011	General Area	Steering	Read Fault Code	
Cerato/Forte (TD)	2011	General Area	Steering	Clear Fault Memory	
Cerato/Forte (TD)	2011	General Area	Steering	Read Data Stream	
Cerato/Forte (TD)	2011	General Area	Steering	Special Function	ASP Calibration
Cerato/Forte (TD)	2011	General Area	Steering	Special Function	EPS Type Recognition
Cerato/Forte (TD)	2011	General Area	TCM(Transmission Control Module)	Version Information	
Cerato/Forte (TD)	2011	General Area	TCM(Transmission Control Module)	Read Fault Code	
Cerato/Forte (TD)	2011	General Area	TCM(Transmission Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2011	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cerato/Forte (TD)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Cerato/Forte (TD)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Cerato/Forte (TD)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Cerato/Forte (TD)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Cerato/Forte (TD)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Cerato/Forte (TD)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Cerato/Forte (TD)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Cerato/Forte (TD)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Cerato/Forte (TD)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
Cerato/Forte (TD)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
Cerato/Forte (TD)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE
Cerato/Forte (TD)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
Cerato/Forte (TD)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
Cerato/Forte (TD)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
Cerato/Forte (TD)	2011	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Version Information	
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Read Fault Code	
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Clear Fault Memory	
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Read Data Stream	
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Cerato/Forte (TD)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Cerato/Forte (TD)	2010	General Area	BCM(Body Control Module)	Version Information	
Cerato/Forte (TD)	2010	General Area	BCM(Body Control Module)	Read Data Stream	
Cerato/Forte (TD)	2010	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Cerato/Forte (TD)	2010	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Cerato/Forte (TD)	2010	General Area	BCM(Body Control Module)	Actuation Test	Trunk release relay
Cerato/Forte (TD)	2010	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Unit
Cerato/Forte (TD)	2010	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Cerato/Forte (TD)	2010	General Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Cerato/Forte (TD)	2010	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Cerato/Forte (TD)	2010	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay/DRL Unit
Cerato/Forte (TD)	2010	General Area	BCM(Body Control Module)	Actuation Test	Head lamp relay
Cerato/Forte (TD)	2010	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Cerato/Forte (TD)	2010	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Cerato/Forte (TD)	2010	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Cerato/Forte (TD)	2010	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Cerato/Forte (TD)	2010	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Cerato/Forte (TD)	2010	General Area	BCM(Body Control Module)	Actuation Test	Front fog relay
Cerato/Forte (TD)	2010	General Area	BCM(Body Control Module)	Actuation Test	ATM ShiftLock Relay

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2010	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Cerato/Forte (TD)	2010	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Cerato/Forte (TD)	2010	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Cerato/Forte (TD)	2010	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Version Information	
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Read Fault Code	
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Read Data Stream	
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve for IVVT(OCV)
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve for IVVT Exhaust side
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Cerato/Forte (TD)	2010	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Cerato/Forte (TD)	2010	General Area	ESP(Electronic Stability Program)	Version Information	
Cerato/Forte (TD)	2010	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Cerato/Forte (TD)	2010	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Cerato/Forte (TD)	2010	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Cerato/Forte (TD)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Cerato/Forte (TD)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Cerato/Forte (TD)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Cerato/Forte (TD)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Cerato/Forte (TD)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Cerato/Forte (TD)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Cerato/Forte (TD)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Cerato/Forte (TD)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Cerato/Forte (TD)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Cerato/Forte (TD)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Cerato/Forte (TD)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Cerato/Forte (TD)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Cerato/Forte (TD)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Cerato/Forte (TD)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Cerato/Forte (TD)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Cerato/Forte (TD)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Cerato/Forte (TD)	2010	General Area	ESP(Electronic Stability Program)	Special Function	SAS Calibration(CAN-ESP Only)
Cerato/Forte (TD)	2010	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Cerato/Forte (TD)	2010	General Area	IMMO(Immobilizer)	Read Data Stream	
Cerato/Forte (TD)	2010	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cerato/Forte (TD)	2010	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cerato/Forte (TD)	2010	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cerato/Forte (TD)	2010	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Cerato/Forte (TD)	2010	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cerato/Forte (TD)	2010	General Area	Smart Key	Version Information	
Cerato/Forte (TD)	2010	General Area	Smart Key	Read Fault Code	
Cerato/Forte (TD)	2010	General Area	Smart Key	Clear Fault Memory	
Cerato/Forte (TD)	2010	General Area	Smart Key	Read Data Stream	
Cerato/Forte (TD)	2010	General Area	Smart Key	Actuation Test	Key Out Indicator
Cerato/Forte (TD)	2010	General Area	Smart Key	Actuation Test	Immobilizer Indicator
Cerato/Forte (TD)	2010	General Area	Smart Key	Actuation Test	External Buzzer
Cerato/Forte (TD)	2010	General Area	Smart Key	Actuation Test	Interior Antenna 1
Cerato/Forte (TD)	2010	General Area	Smart Key	Actuation Test	Interior Antenna 2

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2010	General Area	Smart Key	Actuation Test	Trunk/Tailgate Antenna Active
Cerato/Forte (TD)	2010	General Area	Smart Key	Actuation Test	Bumper/Tail Gate Antenna
Cerato/Forte (TD)	2010	General Area	Smart Key	Actuation Test	Driver Door Handle Antenna
Cerato/Forte (TD)	2010	General Area	Smart Key	Actuation Test	Right Door Handle Antenna
Cerato/Forte (TD)	2010	General Area	Smart Key	Actuation Test	SSB LED Amber
Cerato/Forte (TD)	2010	General Area	Smart Key	Actuation Test	SSB LED Blue/Green
Cerato/Forte (TD)	2010	General Area	Smart Key	Actuation Test	FOB holder illumination
Cerato/Forte (TD)	2010	General Area	Smart Key	Actuation Test	SSB illumination
Cerato/Forte (TD)	2010	General Area	Smart Key	Actuation Test	ACC Relay
Cerato/Forte (TD)	2010	General Area	Smart Key	Actuation Test	IGN1 Relay
Cerato/Forte (TD)	2010	General Area	Smart Key	Actuation Test	IGN2 Relay
Cerato/Forte (TD)	2010	General Area	Smart Key	Actuation Test	START Relay
Cerato/Forte (TD)	2010	General Area	Smart Key	Special Function	Neutralization Mode
Cerato/Forte (TD)	2010	General Area	Smart Key	Special Function	SMK Status Information
Cerato/Forte (TD)	2010	General Area	Smart Key	Special Function	ESCL Status Information
Cerato/Forte (TD)	2010	General Area	Smart Key	Special Function	PDM Status Information
Cerato/Forte (TD)	2010	General Area	Smart Key	Special Function	FOB KEY Status Information
Cerato/Forte (TD)	2010	General Area	Smart Key	Special Function	Serial Communication Line Check
Cerato/Forte (TD)	2010	General Area	Smart Key	Special Function	Antenna Status Check
Cerato/Forte (TD)	2010	General Area	Smart Key	Special Function	Smart Key Code Saving
Cerato/Forte (TD)	2010	General Area	Smart Key	Special Function	ESCL Open Status Check
Cerato/Forte (TD)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cerato/Forte (TD)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cerato/Forte (TD)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cerato/Forte (TD)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Cerato/Forte (TD)	2010	General Area	Steering	Version Information	
Cerato/Forte (TD)	2010	General Area	Steering	Read Fault Code	
Cerato/Forte (TD)	2010	General Area	Steering	Clear Fault Memory	
Cerato/Forte (TD)	2010	General Area	Steering	Read Data Stream	
Cerato/Forte (TD)	2010	General Area	Steering	Special Function	ASP Calibration
Cerato/Forte (TD)	2010	General Area	Steering	Special Function	EPS Type Recognition
Cerato/Forte (TD)	2010	General Area	Steering	Special Function	EPS Type Recognition(KOU
Cerato/Forte (TD)	2010	General Area	TCM(Transmission Control Module)	Version Information	
Cerato/Forte (TD)	2010	General Area	TCM(Transmission Control Module)	Read Fault Code	
Cerato/Forte (TD)	2010	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cerato/Forte (TD)	2010	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cerato/Forte (TD)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
Cerato/Forte (TD)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
Cerato/Forte (TD)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
Cerato/Forte (TD)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
Cerato/Forte (TD)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Cerato/Forte (TD)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
Cerato/Forte (TD)	2010	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Version Information	
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Read Fault Code	
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Clear Fault Memory	
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Read Data Stream	
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Cerato/Forte (TD)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Cerato/Forte (TD)	2009	General Area	BCM(Body Control Module)	Version Information	
Cerato/Forte (TD)	2009	General Area	BCM(Body Control Module)	Read Data Stream	
Cerato/Forte (TD)	2009	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Cerato/Forte (TD)	2009	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Cerato/Forte (TD)	2009	General Area	BCM(Body Control Module)	Actuation Test	Trunk release relay
Cerato/Forte (TD)	2009	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Unit
Cerato/Forte (TD)	2009	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Cerato/Forte (TD)	2009	General Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Cerato/Forte (TD)	2009	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Cerato/Forte (TD)	2009	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay/DRL Unit
Cerato/Forte (TD)	2009	General Area	BCM(Body Control Module)	Actuation Test	Head lamp relay
Cerato/Forte (TD)	2009	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Cerato/Forte (TD)	2009	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Cerato/Forte (TD)	2009	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2009	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Cerato/Forte (TD)	2009	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Cerato/Forte (TD)	2009	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Cerato/Forte (TD)	2009	General Area	BCM(Body Control Module)	Actuation Test	Front fog relay
Cerato/Forte (TD)	2009	General Area	BCM(Body Control Module)	Actuation Test	ATM ShiftLock Relay
Cerato/Forte (TD)	2009	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Cerato/Forte (TD)	2009	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Cerato/Forte (TD)	2009	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Version Information	
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Read Fault Code	
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Read Data Stream	
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve for IVVT(OCV)
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve for IVVT Exhaust side
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Cerato/Forte (TD)	2009	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Cerato/Forte (TD)	2009	General Area	ESP(Electronic Stability Program)	Version Information	
Cerato/Forte (TD)	2009	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Cerato/Forte (TD)	2009	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Cerato/Forte (TD)	2009	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Cerato/Forte (TD)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Cerato/Forte (TD)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Cerato/Forte (TD)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Cerato/Forte (TD)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Cerato/Forte (TD)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Cerato/Forte (TD)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Cerato/Forte (TD)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Cerato/Forte (TD)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Cerato/Forte (TD)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Cerato/Forte (TD)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Cerato/Forte (TD)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Cerato/Forte (TD)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Cerato/Forte (TD)	2009	General Area	ESP(Electronic Stability Program)	Special Function	Steering Angle Sensor
Cerato/Forte (TD)	2009	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Cerato/Forte (TD)	2009	General Area	IMMO(Immobilizer)	Read Data Stream	
Cerato/Forte (TD)	2009	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cerato/Forte (TD)	2009	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cerato/Forte (TD)	2009	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cerato/Forte (TD)	2009	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Cerato/Forte (TD)	2009	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cerato/Forte (TD)	2009	General Area	Power Steering	Version Information	
Cerato/Forte (TD)	2009	General Area	Power Steering	Read Fault Code	
Cerato/Forte (TD)	2009	General Area	Power Steering	Clear Fault Memory	
Cerato/Forte (TD)	2009	General Area	Power Steering	Read Data Stream	
Cerato/Forte (TD)	2009	General Area	Power Steering	Special Function	ASP Calibration
Cerato/Forte (TD)	2009	General Area	Power Steering	Special Function	EPS Type Recognition
Cerato/Forte (TD)	2009	General Area	Smart Key	Version Information	
Cerato/Forte (TD)	2009	General Area	Smart Key	Read Fault Code	
Cerato/Forte (TD)	2009	General Area	Smart Key	Clear Fault Memory	
Cerato/Forte (TD)	2009	General Area	Smart Key	Read Data Stream	
Cerato/Forte (TD)	2009	General Area	Smart Key	Actuation Test	Key Out Indicator

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2009	General Area	Smart Key	Actuation Test	Immobilizer Indicator
Cerato/Forte (TD)	2009	General Area	Smart Key	Actuation Test	External Buzzer
Cerato/Forte (TD)	2009	General Area	Smart Key	Actuation Test	Interior Antenna 1
Cerato/Forte (TD)	2009	General Area	Smart Key	Actuation Test	Interior Antenna 2
Cerato/Forte (TD)	2009	General Area	Smart Key	Actuation Test	Trunk/Tailgate Antenna Active
Cerato/Forte (TD)	2009	General Area	Smart Key	Actuation Test	Bumper/Tail Gate Antenna
Cerato/Forte (TD)	2009	General Area	Smart Key	Actuation Test	Driver Door Handle Antenna
Cerato/Forte (TD)	2009	General Area	Smart Key	Actuation Test	Right Door Handle Antenna
Cerato/Forte (TD)	2009	General Area	Smart Key	Actuation Test	SSB LED Amber
Cerato/Forte (TD)	2009	General Area	Smart Key	Actuation Test	SSB LED Blue/Green
Cerato/Forte (TD)	2009	General Area	Smart Key	Actuation Test	FOB holder illumination
Cerato/Forte (TD)	2009	General Area	Smart Key	Actuation Test	SSB illumination
Cerato/Forte (TD)	2009	General Area	Smart Key	Actuation Test	ACC Relay
Cerato/Forte (TD)	2009	General Area	Smart Key	Actuation Test	IGN1 Relay
Cerato/Forte (TD)	2009	General Area	Smart Key	Actuation Test	IGN2 Relay
Cerato/Forte (TD)	2009	General Area	Smart Key	Actuation Test	START Relay
Cerato/Forte (TD)	2009	General Area	Smart Key	Special Function	Neutralization Mode
Cerato/Forte (TD)	2009	General Area	Smart Key	Special Function	SMK Status Information
Cerato/Forte (TD)	2009	General Area	Smart Key	Special Function	ESCL Status Information
Cerato/Forte (TD)	2009	General Area	Smart Key	Special Function	PDM Status Information
Cerato/Forte (TD)	2009	General Area	Smart Key	Special Function	FOB KEY Status Information
Cerato/Forte (TD)	2009	General Area	Smart Key	Special Function	Serial Communication Line Check

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2009	General Area	Smart Key	Special Function	Antenna Status Check
Cerato/Forte (TD)	2009	General Area	Smart Key	Special Function	Smart Key Code Saving
Cerato/Forte (TD)	2009	General Area	Smart Key	Special Function	ESCL Open Status Check
Cerato/Forte (TD)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Cerato/Forte (TD)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cerato/Forte (TD)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cerato/Forte (TD)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cerato/Forte (TD)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Cerato/Forte (TD)	2009	General Area	TCM(Transmission Control Module)	Version Information	
Cerato/Forte (TD)	2009	General Area	TCM(Transmission Control Module)	Read Fault Code	
Cerato/Forte (TD)	2009	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cerato/Forte (TD)	2009	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cerato/Forte (TD)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
Cerato/Forte (TD)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
Cerato/Forte (TD)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE
Cerato/Forte (TD)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
Cerato/Forte (TD)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)

model	year	area	system	function	subfunction
Cerato/Forte (TD)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Cerato/Forte (TD)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
Cerato/Forte (TD)	2009	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Cerato/Forte (YD)	2017	General Area	AC(Air Conditioning)	Version Information	
Cerato/Forte (YD)	2017	General Area	AC(Air Conditioning)	Read Fault Code	
Cerato/Forte (YD)	2017	General Area	AC(Air Conditioning)	Clear Fault Memory	
Cerato/Forte (YD)	2017	General Area	AC(Air Conditioning)	Read Data Stream	
Cerato/Forte (YD)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Cerato/Forte (YD)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Cerato/Forte (YD)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Cerato/Forte (YD)	2017	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Cerato/Forte (YD)	2017	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Cerato/Forte (YD)	2017	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Cerato/Forte (YD)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Cerato/Forte (YD)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Cerato/Forte (YD)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Cerato/Forte (YD)	2017	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Cerato/Forte (YD)	2017	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Cerato/Forte (YD)	2017	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Cerato/Forte (YD)	2017	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-1Step
Cerato/Forte (YD)	2017	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-2Step
Cerato/Forte (YD)	2017	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-3Step

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2017	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-4Step
Cerato/Forte (YD)	2017	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-5Step
Cerato/Forte (YD)	2017	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-6Step
Cerato/Forte (YD)	2017	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-7Step
Cerato/Forte (YD)	2017	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-8Step
Cerato/Forte (YD)	2017	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Cerato/Forte (YD)	2017	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Cerato/Forte (YD)	2017	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Cerato/Forte (YD)	2017	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Close
Cerato/Forte (YD)	2017	General Area	AC(Air Conditioning)	Actuation Test	Drive Mode Door Open
Cerato/Forte (YD)	2017	General Area	AC(Air Conditioning)	Actuation Test	Drive Mode Door Close
Cerato/Forte (YD)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Cerato/Forte (YD)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Cerato/Forte (YD)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Cerato/Forte (YD)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Cerato/Forte (YD)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Version Information	
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Read Fault Code	
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Clear Fault Memory	
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Read Data Stream	
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay(with Safety P/WDW Enable)

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator(Option)
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator(Option)
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination(Manual Key Type)
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Output
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Indicator

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Map Lamp Output
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Alt'L Signal Out
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Lamp
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Front Washer Motor Output
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Washer Motor Output
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	3Lh SBR Left Indicator
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	3Rh SBR Center Indicator
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Safety ECU Enable
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Heated Washer Nozzle Output
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Defogger Indicator
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Front Heated Glass Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	EMS Wakeup Output
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Fuel Door Open Solenoid Output
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Mood Lamp 1 Output
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Mood Lamp 2 Output
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Mood Lamp 3 Output
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Mirror Position Horizontal Output
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Mirror Position Vertical Output
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Signal
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Wiper Power Relay

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(Headrest
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(Headrest
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Foremost Position(Cushion Extension)
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Last Position(Cushion Extension)
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Parasitic Current Auto-Block IPS
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt Indicator
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt Indicator
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt Indicator
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left/Right

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Right
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	High Mounted Stop Lamp
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	RL Door Lock Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	RL Door Unlock Relay
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Up
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Down
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Left
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Right
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window DOWN
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window UP
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window DOWN
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LOCK
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Courtesy Lamp
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Power Window UP
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Power Window DOWN
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window UP
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Special Function	CLU Variant Coding
Cerato/Forte (YD)	2017	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting
Cerato/Forte (YD)	2017	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Cerato/Forte (YD)	2017	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Version Information	
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Read Data Stream	
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Cerato/Forte (YD)	2017	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Cerato/Forte (YD)	2017	General Area	ESP(Electronic Stability Program)	Version Information	
Cerato/Forte (YD)	2017	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Cerato/Forte (YD)	2017	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Cerato/Forte (YD)	2017	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Cerato/Forte (YD)	2017	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Cerato/Forte (YD)	2017	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Cerato/Forte (YD)	2017	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Cerato/Forte (YD)	2017	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Cerato/Forte (YD)	2017	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Cerato/Forte (YD)	2017	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Cerato/Forte (YD)	2017	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Cerato/Forte (YD)	2017	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Cerato/Forte (YD)	2017	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Cerato/Forte (YD)	2017	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Cerato/Forte (YD)	2017	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Cerato/Forte (YD)	2017	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Cerato/Forte (YD)	2017	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2017	General Area	ESP(Electronic Stability Program)	Actuation Test	HAC Brake Lamp Actuator
Cerato/Forte (YD)	2017	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Lamp
Cerato/Forte (YD)	2017	General Area	IMMO(Immobilizer)	Read Fault Code	
Cerato/Forte (YD)	2017	General Area	IMMO(Immobilizer)	Clear Fault Memory	
Cerato/Forte (YD)	2017	General Area	IMMO(Immobilizer)	Read Data Stream	
Cerato/Forte (YD)	2017	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cerato/Forte (YD)	2017	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cerato/Forte (YD)	2017	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cerato/Forte (YD)	2017	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cerato/Forte (YD)	2017	General Area	LDWS(Lane Departure Warning System)	Version Information	
Cerato/Forte (YD)	2017	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Cerato/Forte (YD)	2017	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Cerato/Forte (YD)	2017	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Cerato/Forte (YD)	2017	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Activation Switch LED
Cerato/Forte (YD)	2017	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Left
Cerato/Forte (YD)	2017	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Right
Cerato/Forte (YD)	2017	General Area	LDWS(Lane Departure Warning System)	Actuation Test	ALL LEDs
Cerato/Forte (YD)	2017	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Cerato/Forte (YD)	2017	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Cerato/Forte (YD)	2017	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Cerato/Forte (YD)	2017	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Version Information	
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Read Fault Code	

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Clear Fault Memory	
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Read Data Stream	
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Actuation Test	SSB LED White
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Actuation Test	ACC Relay
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Actuation Test	Starter Relay
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Actuation Test	External Buzzer
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Actuation Test	Interior Antenna 1
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Actuation Test	Interior Antenna 2
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Actuation Test	Interior Antenna 3
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Special Function	Neutralization Mode
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Special Function	SMK Status Information
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Special Function	ESCL Status Information
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Special Function	ESCL Enable Output Check
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Cerato/Forte (YD)	2017	General Area	Smart Key Unit	Special Function	Antenna Status Check
Cerato/Forte (YD)	2017	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Cerato/Forte (YD)	2017	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cerato/Forte (YD)	2017	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cerato/Forte (YD)	2017	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cerato/Forte (YD)	2017	General Area	TCM(Transmission Control Module)	Version Information	
Cerato/Forte (YD)	2017	General Area	TCM(Transmission Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2017	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cerato/Forte (YD)	2017	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cerato/Forte (YD)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Clutch Reference Position Check
Cerato/Forte (YD)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Clutch(20mm)
Cerato/Forte (YD)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Clutch(20mm)
Cerato/Forte (YD)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Both Clutch(20mm)
Cerato/Forte (YD)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Self Opening of Odd Clutch
Cerato/Forte (YD)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Self Opening of Even Clutch
Cerato/Forte (YD)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Gear Actuator Reference Check
Cerato/Forte (YD)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(1st Gear)
Cerato/Forte (YD)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(2nd Gear)
Cerato/Forte (YD)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(3rd Gear)
Cerato/Forte (YD)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(4th Gear)
Cerato/Forte (YD)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(5th Gear)
Cerato/Forte (YD)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(6th Gear)
Cerato/Forte (YD)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(7th Gear)
Cerato/Forte (YD)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(R Gear)
Cerato/Forte (YD)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Gear Neutral
Cerato/Forte (YD)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Lug Alignment
Cerato/Forte (YD)	2017	General Area	Telematics Unit	Version Information	
Cerato/Forte (YD)	2017	General Area	Telematics Unit	Read Fault Code	
Cerato/Forte (YD)	2017	General Area	Telematics Unit	Clear Fault Memory	
Cerato/Forte (YD)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Cerato/Forte (YD)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Cerato/Forte (YD)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Cerato/Forte (YD)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Cerato/Forte (YD)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Cerato/Forte (YD)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Cerato/Forte (YD)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Cerato/Forte (YD)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Cerato/Forte (YD)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Cerato/Forte (YD)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Cerato/Forte (YD)	2016	General Area	AC(Air Conditioning)	Version Information	
Cerato/Forte (YD)	2016	General Area	AC(Air Conditioning)	Read Fault Code	
Cerato/Forte (YD)	2016	General Area	AC(Air Conditioning)	Clear Fault Memory	
Cerato/Forte (YD)	2016	General Area	AC(Air Conditioning)	Read Data Stream	
Cerato/Forte (YD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Cerato/Forte (YD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Cerato/Forte (YD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Cerato/Forte (YD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Cerato/Forte (YD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Cerato/Forte (YD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Cerato/Forte (YD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Cerato/Forte (YD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Cerato/Forte (YD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Cerato/Forte (YD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Cerato/Forte (YD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Cerato/Forte (YD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-1Step
Cerato/Forte (YD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-2Step
Cerato/Forte (YD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-3Step
Cerato/Forte (YD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-4Step
Cerato/Forte (YD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-5Step
Cerato/Forte (YD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-6Step
Cerato/Forte (YD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-7Step
Cerato/Forte (YD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-8Step
Cerato/Forte (YD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Cerato/Forte (YD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Cerato/Forte (YD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Cerato/Forte (YD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Close
Cerato/Forte (YD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Drive Mode Door Open
Cerato/Forte (YD)	2016	General Area	AC(Air Conditioning)	Actuation Test	Drive Mode Door Close
Cerato/Forte (YD)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Cerato/Forte (YD)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Cerato/Forte (YD)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Cerato/Forte (YD)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Cerato/Forte (YD)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Version Information	
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Read Fault Code	
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Clear Fault Memory	
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Read Data Stream	
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay(with Safety P/WDW Enable)
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator(Option)
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator(Option)
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination(Manual Key Type)
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Output
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Indicator
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Map Lamp Output
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Alt'L Signal Out
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Lamp
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Washer Motor Output
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Washer Motor Output
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	3Lh SBR Left Indicator
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	3Rh SBR Center Indicator
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Safety ECU Enable
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Heated Washer Nozzle Output
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Defogger Indicator
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Heated Glass Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	EMS Wakeup Output
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Fuel Door Open Solenoid Output

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mood Lamp 1 Output
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mood Lamp 2 Output
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mood Lamp 3 Output
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Position Horizontal Output
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Position Vertical Output
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Signal
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Power Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(Headrest

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(Headrest
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Foremost Position(Cushion Extension)
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Last Position(Cushion Extension)
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Parasitic Current Auto-Block IPS
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt Indicator
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt Indicator
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt Indicator
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left/Right
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Right
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	High Mounted Stop Lamp
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	RL Door Lock Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	RL Door Unlock Relay
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Up
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Down
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Left
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Right
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window DOWN
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window UP
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window DOWN
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LOCK
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Courtesy Lamp
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Power Window UP
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Power Window DOWN

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window UP
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Special Function	CLU Variant Coding
Cerato/Forte (YD)	2016	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting
Cerato/Forte (YD)	2016	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Cerato/Forte (YD)	2016	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Version Information	
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Read Fault Code	
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Read Data Stream	
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Cerato/Forte (YD)	2016	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Cerato/Forte (YD)	2016	General Area	ESP(Electronic Stability Program)	Version Information	
Cerato/Forte (YD)	2016	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Cerato/Forte (YD)	2016	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Cerato/Forte (YD)	2016	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Cerato/Forte (YD)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Cerato/Forte (YD)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Cerato/Forte (YD)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Cerato/Forte (YD)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Cerato/Forte (YD)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Cerato/Forte (YD)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Cerato/Forte (YD)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Cerato/Forte (YD)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Cerato/Forte (YD)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Cerato/Forte (YD)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Cerato/Forte (YD)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Cerato/Forte (YD)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Cerato/Forte (YD)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	HAC Brake Lamp Actuator
Cerato/Forte (YD)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Lamp
Cerato/Forte (YD)	2016	General Area	IMMO(Immobilizer)	Read Fault Code	
Cerato/Forte (YD)	2016	General Area	IMMO(Immobilizer)	Clear Fault Memory	
Cerato/Forte (YD)	2016	General Area	IMMO(Immobilizer)	Read Data Stream	
Cerato/Forte (YD)	2016	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cerato/Forte (YD)	2016	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cerato/Forte (YD)	2016	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cerato/Forte (YD)	2016	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cerato/Forte (YD)	2016	General Area	LDWS(Lane Departure Warning System)	Version Information	
Cerato/Forte (YD)	2016	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Cerato/Forte (YD)	2016	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Cerato/Forte (YD)	2016	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Cerato/Forte (YD)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Activation Switch LED
Cerato/Forte (YD)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Left
Cerato/Forte (YD)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Right

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	ALL LEDs
Cerato/Forte (YD)	2016	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Cerato/Forte (YD)	2016	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Cerato/Forte (YD)	2016	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Cerato/Forte (YD)	2016	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Version Information	
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Read Fault Code	
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Clear Fault Memory	
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Read Data Stream	
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED White
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Actuation Test	ACC Relay
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Actuation Test	Starter Relay
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Actuation Test	External Buzzer
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna 1
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna 2
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna 3
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Special Function	Neutralization Mode
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Special Function	SMK Status Information
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Special Function	ESCL Status Information
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Special Function	ESCL Enable Output Check
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Cerato/Forte (YD)	2016	General Area	Smart Key Unit	Special Function	Antenna Status Check
Cerato/Forte (YD)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cerato/Forte (YD)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cerato/Forte (YD)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cerato/Forte (YD)	2016	General Area	TCM(Transmission Control Module)	Version Information	
Cerato/Forte (YD)	2016	General Area	TCM(Transmission Control Module)	Read Fault Code	
Cerato/Forte (YD)	2016	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cerato/Forte (YD)	2016	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cerato/Forte (YD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Clutch Reference Position Check
Cerato/Forte (YD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Clutch(20mm)
Cerato/Forte (YD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Clutch(20mm)
Cerato/Forte (YD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Both Clutch(20mm)
Cerato/Forte (YD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Self Opening of Odd Clutch
Cerato/Forte (YD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Self Opening of Even Clutch
Cerato/Forte (YD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Gear Actuator Reference Check
Cerato/Forte (YD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(1st Gear)
Cerato/Forte (YD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(2nd Gear)
Cerato/Forte (YD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(3rd Gear)
Cerato/Forte (YD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(4th Gear)
Cerato/Forte (YD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(5th Gear)
Cerato/Forte (YD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(6th Gear)
Cerato/Forte (YD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(7th Gear)

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(R Gear)
Cerato/Forte (YD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Gear Neutral
Cerato/Forte (YD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Lug Alignment
Cerato/Forte (YD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Cerato/Forte (YD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Cerato/Forte (YD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Cerato/Forte (YD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Cerato/Forte (YD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Cerato/Forte (YD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Cerato/Forte (YD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Cerato/Forte (YD)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Cerato/Forte (YD)	2016	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Cerato/Forte (YD)	2016	General Area	Telematics Unit	Version Information	
Cerato/Forte (YD)	2016	General Area	Telematics Unit	Read Fault Code	
Cerato/Forte (YD)	2016	General Area	Telematics Unit	Clear Fault Memory	
Cerato/Forte (YD)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Cerato/Forte (YD)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Cerato/Forte (YD)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Cerato/Forte (YD)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Cerato/Forte (YD)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Cerato/Forte (YD)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Cerato/Forte (YD)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Cerato/Forte (YD)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Cerato/Forte (YD)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Cerato/Forte (YD)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Version Information	
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Brake Lamp Control
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IFL Control
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	OFL Control
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IFR Control
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IRL Control
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ORL Control
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IRR Control
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ORR Control
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FR Valve Control
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FL Valve Control
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-R Control
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-L Control
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	In-Line Bleeding
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Repair Bleeding-FL/RR Circuit
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Repair Bleeding-FR/RL Circuit
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	HAC Brake Lamp Actuator
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Lamp
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Steering Angle Sensor
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset
Cerato/Forte (YD)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Version Information	
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Read Fault Code	
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Clear Fault Memory	
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Read Data Stream	
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Cerato/Forte (YD)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Cerato/Forte (YD)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Cerato/Forte (YD)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Cerato/Forte (YD)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Cerato/Forte (YD)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Cerato/Forte (YD)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Version Information	
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Read Fault Code	
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Clear Fault Memory	
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Read Data Stream	
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(Headrest
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(Headrest
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Foremost Position(Cushion Extension)
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Last Position(Cushion Extension)
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Special Function	CLU Variant Coding
Cerato/Forte (YD)	2015	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting
Cerato/Forte (YD)	2015	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Cerato/Forte (YD)	2015	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Version Information	
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Read Fault Code	
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Read Data Stream	
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Special Function	CVVT Test

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Cerato/Forte (YD)	2015	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Version Information	
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Brake Lamp Control
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	IFL Control
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	OFL Control

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	IFR Control
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	IRL Control
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	ORL Control
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	IRR Control
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	ORR Control
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS FR Valve Control
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS FL Valve Control
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV-R Control
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV-L Control
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	In-Line Bleeding
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Repair Bleeding-FL/RR Circuit
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Repair Bleeding-FR/RL Circuit
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	HAC Brake Lamp Actuator
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Lamp
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Special Function	Steering Angle Sensor
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset
Cerato/Forte (YD)	2015	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Cerato/Forte (YD)	2015	General Area	IMMO(Immobilizer)	Read Fault Code	
Cerato/Forte (YD)	2015	General Area	IMMO(Immobilizer)	Clear Fault Memory	
Cerato/Forte (YD)	2015	General Area	IMMO(Immobilizer)	Read Data Stream	
Cerato/Forte (YD)	2015	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2015	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cerato/Forte (YD)	2015	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cerato/Forte (YD)	2015	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cerato/Forte (YD)	2015	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Cerato/Forte (YD)	2015	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Cerato/Forte (YD)	2015	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Cerato/Forte (YD)	2015	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Cerato/Forte (YD)	2015	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Cerato/Forte (YD)	2015	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Version Information	
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Read Fault Code	
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Clear Fault Memory	
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Read Data Stream	
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED White
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Actuation Test	ACC Relay
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Actuation Test	IGN2 Relay

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Actuation Test	Starter Relay
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Actuation Test	External Buzzer
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna 1
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna 2
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna 3
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Special Function	Neutralization Mode
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Special Function	SMK Status Information
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Special Function	ESCL Status Information
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Special Function	ESCL Enable Output Check

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Cerato/Forte (YD)	2015	General Area	Smart Key Unit	Special Function	Antenna Status Check
Cerato/Forte (YD)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Cerato/Forte (YD)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cerato/Forte (YD)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cerato/Forte (YD)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cerato/Forte (YD)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Cerato/Forte (YD)	2015	General Area	TCM(Transmission Control Module)	Version Information	
Cerato/Forte (YD)	2015	General Area	TCM(Transmission Control Module)	Read Fault Code	
Cerato/Forte (YD)	2015	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cerato/Forte (YD)	2015	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cerato/Forte (YD)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Cerato/Forte (YD)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Cerato/Forte (YD)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Cerato/Forte (YD)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Cerato/Forte (YD)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Cerato/Forte (YD)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Cerato/Forte (YD)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Cerato/Forte (YD)	2015	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Cerato/Forte (YD)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Cerato/Forte (YD)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Cerato/Forte (YD)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Cerato/Forte (YD)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Cerato/Forte (YD)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Cerato/Forte (YD)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Cerato/Forte (YD)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Cerato/Forte (YD)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Cerato/Forte (YD)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Cerato/Forte (YD)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Cerato/Forte (YD)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Version Information	
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Brake Lamp Control
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IFL Control
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	OFL Control
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IFR Control
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IRL Control
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ORL Control
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IRR Control
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ORR Control
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FR Valve Control
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FL Valve Control
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-R Control
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-L Control

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	In-Line Bleeding
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Repair Bleeding-FL/RR Circuit
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Repair Bleeding-FR/RL Circuit
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	HAC Brake Lamp Actuator
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Lamp
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	Steering Angle Sensor
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset
Cerato/Forte (YD)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Version Information	
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Read Fault Code	
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Clear Fault Memory	
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Read Data Stream	
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Cerato/Forte (YD)	2014	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Cerato/Forte (YD)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Cerato/Forte (YD)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Cerato/Forte (YD)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Cerato/Forte (YD)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Cerato/Forte (YD)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Version Information	

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Read Fault Code	
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Clear Fault Memory	
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Read Data Stream	
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(Headrest
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(Headrest
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Foremost Position(Cushion Extension)

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Last Position(Cushion Extension)
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Special Function	CLU Variant Coding
Cerato/Forte (YD)	2014	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting
Cerato/Forte (YD)	2014	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Cerato/Forte (YD)	2014	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Version Information	
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Read Fault Code	
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Read Data Stream	
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Cerato/Forte (YD)	2014	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Version Information	
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Brake Lamp Control
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	IFL Control
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	OFL Control
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	IFR Control
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	IRL Control
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	ORL Control
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	IRR Control
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	ORR Control
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS FR Valve Control
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS FL Valve Control
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV-R Control
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV-L Control
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	In-Line Bleeding
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Repair Bleeding-FL/RR Circuit
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Repair Bleeding-FR/RL Circuit

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	HAC Brake Lamp Actuator
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Lamp
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Special Function	Steering Angle Sensor
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset
Cerato/Forte (YD)	2014	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Cerato/Forte (YD)	2014	General Area	IMMO(Immobilizer)	Read Fault Code	
Cerato/Forte (YD)	2014	General Area	IMMO(Immobilizer)	Clear Fault Memory	
Cerato/Forte (YD)	2014	General Area	IMMO(Immobilizer)	Read Data Stream	
Cerato/Forte (YD)	2014	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cerato/Forte (YD)	2014	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cerato/Forte (YD)	2014	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cerato/Forte (YD)	2014	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cerato/Forte (YD)	2014	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Cerato/Forte (YD)	2014	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Cerato/Forte (YD)	2014	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Cerato/Forte (YD)	2014	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Cerato/Forte (YD)	2014	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Cerato/Forte (YD)	2014	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Version Information	
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Read Fault Code	
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Clear Fault Memory	

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Read Data Stream	
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Actuation Test	SSB LED White
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Actuation Test	ACC Relay
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Actuation Test	Starter Relay
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Actuation Test	External Buzzer
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna 1
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna 2
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna 3
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Special Function	Neutralization Mode
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Special Function	SMK Status Information
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Special Function	ESCL Status Information
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Special Function	ESCL Enable Output Check
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Cerato/Forte (YD)	2014	General Area	Smart Key Unit	Special Function	Antenna Status Check
Cerato/Forte (YD)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Cerato/Forte (YD)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cerato/Forte (YD)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cerato/Forte (YD)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cerato/Forte (YD)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Cerato/Forte (YD)	2014	General Area	TCM(Transmission Control Module)	Version Information	
Cerato/Forte (YD)	2014	General Area	TCM(Transmission Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2014	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cerato/Forte (YD)	2014	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cerato/Forte (YD)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Cerato/Forte (YD)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Cerato/Forte (YD)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Cerato/Forte (YD)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Cerato/Forte (YD)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Cerato/Forte (YD)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Cerato/Forte (YD)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Cerato/Forte (YD)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Cerato/Forte (YD)	2014	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Version Information	
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Brake Lamp Control
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IFL Control
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	OFL Control
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IFR Control
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IRL Control
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ORL Control
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IRR Control
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ORR Control
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FR Valve Control
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FL Valve Control
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-R Control
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-L Control
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	In-Line Bleeding
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Repair Bleeding-FL/RR Circuit

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Repair Bleeding-FR/RL Circuit
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	HAC Brake Lamp Actuator
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Lamp
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	Steering Angle Sensor
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset
Cerato/Forte (YD)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Version Information	
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Read Fault Code	
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Clear Fault Memory	
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Read Data Stream	
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Cerato/Forte (YD)	2013	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Version Information	
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Read Fault Code	
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Clear Fault Memory	
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Read Data Stream	
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(Headrest
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(Headrest
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Foremost Position(Cushion Extension)
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Last Position(Cushion Extension)
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	AV Tail

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Special Function	CLU Variant Coding
Cerato/Forte (YD)	2013	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting
Cerato/Forte (YD)	2013	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Cerato/Forte (YD)	2013	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Version Information	
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Read Fault Code	
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Read Data Stream	
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Cerato/Forte (YD)	2013	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Cerato/Forte (YD)	2013	General Area	IMMO(Immobilizer)	Read Fault Code	
Cerato/Forte (YD)	2013	General Area	IMMO(Immobilizer)	Clear Fault Memory	
Cerato/Forte (YD)	2013	General Area	IMMO(Immobilizer)	Read Data Stream	
Cerato/Forte (YD)	2013	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cerato/Forte (YD)	2013	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Cerato/Forte (YD)	2013	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cerato/Forte (YD)	2013	General Area	IMMO(Immobilizer)	Special Function	Teaching
Cerato/Forte (YD)	2013	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Cerato/Forte (YD)	2013	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Cerato/Forte (YD)	2013	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Cerato/Forte (YD)	2013	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Cerato/Forte (YD)	2013	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Cerato/Forte (YD)	2013	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Version Information	
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Read Fault Code	
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Clear Fault Memory	
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Read Data Stream	

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Actuation Test	SSB LED White
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Actuation Test	ACC Relay
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Actuation Test	Starter Relay
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Actuation Test	External Buzzer
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Actuation Test	Interior Antenna 1
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Actuation Test	Interior Antenna 2
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Actuation Test	Interior Antenna 3
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Special Function	Neutralization Mode
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Special Function	SMK Status Information
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Special Function	ESCL Status Information
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Special Function	ESCL Enable Output Check
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Cerato/Forte (YD)	2013	General Area	Smart Key Unit	Special Function	Antenna Status Check
Cerato/Forte (YD)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Cerato/Forte (YD)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cerato/Forte (YD)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cerato/Forte (YD)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cerato/Forte (YD)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Cerato/Forte (YD)	2013	General Area	TCM(Transmission Control Module)	Version Information	
Cerato/Forte (YD)	2013	General Area	TCM(Transmission Control Module)	Read Fault Code	
Cerato/Forte (YD)	2013	General Area	TCM(Transmission Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Cerato/Forte (YD)	2013	General Area	TCM(Transmission Control Module)	Read Data Stream	
Cerato/Forte (YD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Cerato/Forte (YD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Cerato/Forte (YD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Cerato/Forte (YD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Cerato/Forte (YD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Cerato/Forte (YD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Cerato/Forte (YD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Cerato/Forte (YD)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Cerato/Forte (YD)	2013	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Clarus(FE)	2000	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Clarus(FE)	2000	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Clarus(FE)	2000	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Clarus(FE)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	MOTOR
Clarus(FE)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE(IN)
Clarus(FE)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE(IN)
Clarus(FE)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE(IN)
Clarus(FE)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE(IN)
Clarus(FE)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE(OUT)

model	year	area	system	function	subfunction
Clarus(FE)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE(OUT)
Clarus(FE)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE(OUT)
Clarus(FE)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE(OUT)
Clarus(FE)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TC VALVE FL
Clarus(FE)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TC VALVE FR
Clarus(FE)	2000	General Area	ECM(Engine Control Module)	Read Fault Code	
Clarus(FE)	2000	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Clarus(FE)	2000	General Area	ECM(Engine Control Module)	Read Data Stream	
Clarus(FE)	2000	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.1
Clarus(FE)	2000	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.2
Clarus(FE)	2000	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.3
Clarus(FE)	2000	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.4
Clarus(FE)	2000	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED CONTROL ACTUATOR
Clarus(FE)	2000	General Area	ECM(Engine Control Module)	Actuation Test	EVAP.PURGE CONTORL SOLENOID
Clarus(FE)	2000	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Clarus(FE)	2000	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Clarus(FE)	2000	General Area	TCM(Transmission Control Module)	Read Fault Code	
Clarus(FE)	2000	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Clarus(FE)	2000	General Area	TCM(Transmission Control Module)	Read Data Stream	
Clarus(FE)	1999	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Clarus(FE)	1999	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Clarus(FE)	1999	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Clarus(FE)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	MOTOR
Clarus(FE)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE(IN)
Clarus(FE)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE(IN)
Clarus(FE)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE(IN)
Clarus(FE)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE(IN)
Clarus(FE)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE(OUT)
Clarus(FE)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE(OUT)
Clarus(FE)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE(OUT)
Clarus(FE)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE(OUT)
Clarus(FE)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TC VALVE FL
Clarus(FE)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TC VALVE FR
Clarus(FE)	1999	General Area	ECM(Engine Control Module)	Read Fault Code	
Clarus(FE)	1999	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Clarus(FE)	1999	General Area	ECM(Engine Control Module)	Read Data Stream	
Clarus(FE)	1999	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.1
Clarus(FE)	1999	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.2
Clarus(FE)	1999	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.3
Clarus(FE)	1999	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.4
Clarus(FE)	1999	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED CONTROL ACTUATOR
Clarus(FE)	1999	General Area	ECM(Engine Control Module)	Actuation Test	EVAP.PURGE CONTORL SOLENOID

model	year	area	system	function	subfunction
Clarus(FE)	1999	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Clarus(FE)	1999	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Clarus(FE)	1999	General Area	TCM(Transmission Control Module)	Read Fault Code	
Clarus(FE)	1999	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Clarus(FE)	1999	General Area	TCM(Transmission Control Module)	Read Data Stream	
Clarus(FE)	1998	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Clarus(FE)	1998	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Clarus(FE)	1998	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Clarus(FE)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	MOTOR
Clarus(FE)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE(IN)
Clarus(FE)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE(IN)
Clarus(FE)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE(IN)
Clarus(FE)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE(IN)
Clarus(FE)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE(OUT)
Clarus(FE)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE(OUT)
Clarus(FE)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE(OUT)
Clarus(FE)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE(OUT)
Clarus(FE)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TC VALVE FL
Clarus(FE)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TC VALVE FR
Clarus(FE)	1998	General Area	ECM(Engine Control Module)	Read Fault Code	
Clarus(FE)	1998	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Clarus(FE)	1998	General Area	ECM(Engine Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Clarus(FE)	1998	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.1
Clarus(FE)	1998	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.2
Clarus(FE)	1998	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.3
Clarus(FE)	1998	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.4
Clarus(FE)	1998	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED CONTROL ACTUATOR
Clarus(FE)	1998	General Area	ECM(Engine Control Module)	Actuation Test	EVAP.PURGE CONTORL SOLENOID
Clarus(FE)	1998	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Clarus(FE)	1998	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Clarus(FE)	1998	General Area	TCM(Transmission Control Module)	Read Fault Code	
Clarus(FE)	1998	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Clarus(FE)	1998	General Area	TCM(Transmission Control Module)	Read Data Stream	
Clarus(FE)	1997	General Area	ECM(Engine Control Module)	Read Fault Code	
Clarus(FE)	1997	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Clarus(FE)	1997	General Area	ECM(Engine Control Module)	Read Data Stream	
Clarus(FE)	1997	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.1
Clarus(FE)	1997	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.2
Clarus(FE)	1997	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.3
Clarus(FE)	1997	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.4
Clarus(FE)	1997	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED CONTROL ACTUATOR
Clarus(FE)	1997	General Area	ECM(Engine Control Module)	Actuation Test	EVAP.PURGE CONTORL SOLENOID

model	year	area	system	function	subfunction
Clarus(FE)	1997	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Clarus(FE)	1997	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Clarus(FE)	1997	General Area	TCM(Transmission Control Module)	Read Fault Code	
Clarus(FE)	1997	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Clarus(FE)	1996	General Area	ECM(Engine Control Module)	Read Fault Code	
Clarus(FE)	1996	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Clarus(FE)	1996	General Area	ECM(Engine Control Module)	Read Data Stream	
Clarus(FE)	1996	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.1
Clarus(FE)	1996	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.2
Clarus(FE)	1996	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.3
Clarus(FE)	1996	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.4
Clarus(FE)	1996	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED CONTROL ACTUATOR
Clarus(FE)	1996	General Area	ECM(Engine Control Module)	Actuation Test	EVAP.PURGE CONTORL SOLENOID
Clarus(FE)	1996	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Clarus(FE)	1996	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Clarus(FE)	1996	General Area	TCM(Transmission Control Module)	Read Fault Code	
Clarus(FE)	1996	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Clarus(FE)	1995	General Area	ECM(Engine Control Module)	Read Fault Code	
Clarus(FE)	1995	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Clarus(FE)	1995	General Area	ECM(Engine Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Clarus(FE)	1995	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.1
Clarus(FE)	1995	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.2
Clarus(FE)	1995	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.3
Clarus(FE)	1995	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.4
Clarus(FE)	1995	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED CONTROL ACTUATOR
Clarus(FE)	1995	General Area	ECM(Engine Control Module)	Actuation Test	EVAP.PURGE CONTORL SOLENOID
Clarus(FE)	1995	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Clarus(FE)	1995	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Clarus(FE)	1995	General Area	TCM(Transmission Control Module)	Read Fault Code	
Clarus(FE)	1995	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Credos	2001	General Area	ECM(Engine Control Module)	Read Fault Code	
Credos	2001	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Credos	2001	General Area	ECM(Engine Control Module)	Read Data Stream	
Credos	2001	General Area	ECM(Engine Control Module)	Actuation Test	NUMBER1 INJECTOR
Credos	2001	General Area	ECM(Engine Control Module)	Actuation Test	NUMBER2 INJECTOR
Credos	2001	General Area	ECM(Engine Control Module)	Actuation Test	NUMBER3 INJECTOR
Credos	2001	General Area	ECM(Engine Control Module)	Actuation Test	NUMBER4 INJECTOR
Credos	2001	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED ACTUATOR
Credos	2001	General Area	ECM(Engine Control Module)	Actuation Test	PURGE CONTROL VALVE
Credos	2001	General Area	ECM(Engine Control Module)	Actuation Test	WARNIG LAMP
Credos	2001	General Area	ECM(Engine Control Module)	Actuation Test	MONITORING LAMP

model	year	area	system	function	subfunction
Credos	2001	General Area	ECM(Engine Control Module)	Actuation Test	MAIN DUTY SOLENOID
Credos	2001	General Area	ECM(Engine Control Module)	Actuation Test	SLOW CUT SOLENOID
Credos	2001	General Area	ECM(Engine Control Module)	Actuation Test	EGR SOLENOID
Credos	2001	General Area	ECM(Engine Control Module)	Actuation Test	COOLING FAN RELAY
Credos	2001	General Area	ECM(Engine Control Module)	Actuation Test	A/C CUT RELAY
Credos	2001	General Area	ECM(Engine Control Module)	Actuation Test	GAS/LIQUID RELAY
Credos	2001	General Area	ECM(Engine Control Module)	Actuation Test	SLOW DUTY SOLENOID
Credos	2001	General Area	ECM(Engine Control Module)	Actuation Test	2ND AIR SOLENOID
Credos	2001	General Area	ECM(Engine Control Module)	Actuation Test	2ND LOCK SOLENOID
Credos	2001	General Area	ECM(Engine Control Module)	Actuation Test	O2 SENSOR HEATER
Credos	2001	General Area	ECM(Engine Control Module)	Actuation Test	SET SPARK TIMING
Credos	2001	General Area	ECM(Engine Control Module)	Actuation Test	THROTTLE POSITION SENSOR PWM
Credos	2001	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Credos	2001	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Credos	2001	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Credos	2001	General Area	TCM(Transmission Control Module)	Read Fault Code	
Credos	2001	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Credos	2000	General Area	ECM(Engine Control Module)	Read Fault Code	
Credos	2000	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Credos	2000	General Area	ECM(Engine Control Module)	Read Data Stream	
Credos	2000	General Area	ECM(Engine Control Module)	Actuation Test	NUMBER1 INJECTOR

model	year	area	system	function	subfunction
Credos	2000	General Area	ECM(Engine Control Module)	Actuation Test	NUMBER2 INJECTOR
Credos	2000	General Area	ECM(Engine Control Module)	Actuation Test	NUMBER3 INJECTOR
Credos	2000	General Area	ECM(Engine Control Module)	Actuation Test	NUMBER4 INJECTOR
Credos	2000	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED ACTUATOR
Credos	2000	General Area	ECM(Engine Control Module)	Actuation Test	PURGE CONTROL VALVE
Credos	2000	General Area	ECM(Engine Control Module)	Actuation Test	WARNIG LAMP
Credos	2000	General Area	ECM(Engine Control Module)	Actuation Test	MONITORING LAMP
Credos	2000	General Area	ECM(Engine Control Module)	Actuation Test	MAIN DUTY SOLENOID
Credos	2000	General Area	ECM(Engine Control Module)	Actuation Test	SLOW CUT SOLENOID
Credos	2000	General Area	ECM(Engine Control Module)	Actuation Test	EGR SOLENOID
Credos	2000	General Area	ECM(Engine Control Module)	Actuation Test	COOLING FAN RELAY
Credos	2000	General Area	ECM(Engine Control Module)	Actuation Test	A/C CUT RELAY
Credos	2000	General Area	ECM(Engine Control Module)	Actuation Test	GAS/LIQUID RELAY
Credos	2000	General Area	ECM(Engine Control Module)	Actuation Test	SLOW DUTY SOLENOID
Credos	2000	General Area	ECM(Engine Control Module)	Actuation Test	2ND AIR SOLENOID
Credos	2000	General Area	ECM(Engine Control Module)	Actuation Test	2ND LOCK SOLENOID
Credos	2000	General Area	ECM(Engine Control Module)	Actuation Test	O2 SENSOR HEATER
Credos	2000	General Area	ECM(Engine Control Module)	Actuation Test	SET SPARK TIMING
Credos	2000	General Area	ECM(Engine Control Module)	Actuation Test	THROTTLE POSITION SENSOR PWM
Credos	2000	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Credos	2000	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Credos	2000	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Credos	2000	General Area	TCM(Transmission Control Module)	Read Fault Code	
Credos	2000	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Credos	1999	General Area	ECM(Engine Control Module)	Read Fault Code	
Credos	1999	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Credos	1999	General Area	ECM(Engine Control Module)	Read Data Stream	
Credos	1999	General Area	ECM(Engine Control Module)	Actuation Test	NUMBER1 INJECTOR
Credos	1999	General Area	ECM(Engine Control Module)	Actuation Test	NUMBER2 INJECTOR
Credos	1999	General Area	ECM(Engine Control Module)	Actuation Test	NUMBER3 INJECTOR
Credos	1999	General Area	ECM(Engine Control Module)	Actuation Test	NUMBER4 INJECTOR
Credos	1999	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED ACTUATOR
Credos	1999	General Area	ECM(Engine Control Module)	Actuation Test	PURGE CONTROL VALVE
Credos	1999	General Area	ECM(Engine Control Module)	Actuation Test	WARNIG LAMP
Credos	1999	General Area	ECM(Engine Control Module)	Actuation Test	MONITORING LAMP
Credos	1999	General Area	ECM(Engine Control Module)	Actuation Test	MAIN DUTY SOLENOID
Credos	1999	General Area	ECM(Engine Control Module)	Actuation Test	SLOW CUT SOLENOID
Credos	1999	General Area	ECM(Engine Control Module)	Actuation Test	EGR SOLENOID
Credos	1999	General Area	ECM(Engine Control Module)	Actuation Test	COOLING FAN RELAY
Credos	1999	General Area	ECM(Engine Control Module)	Actuation Test	A/C CUT RELAY
Credos	1999	General Area	ECM(Engine Control Module)	Actuation Test	GAS/LIQUID RELAY
Credos	1999	General Area	ECM(Engine Control Module)	Actuation Test	SLOW DUTY SOLENOID
Credos	1999	General Area	ECM(Engine Control Module)	Actuation Test	2ND AIR SOLENOID

model	year	area	system	function	subfunction
Credos	1999	General Area	ECM(Engine Control Module)	Actuation Test	2ND LOCK SOLENOID
Credos	1999	General Area	ECM(Engine Control Module)	Actuation Test	O2 SENSOR HEATER
Credos	1999	General Area	ECM(Engine Control Module)	Actuation Test	SET SPARK TIMING
Credos	1999	General Area	ECM(Engine Control Module)	Actuation Test	THROTTLE POSITION SENSOR PWM
Credos	1999	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Credos	1999	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Credos	1999	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Credos	1999	General Area	TCM(Transmission Control Module)	Read Fault Code	
Credos	1999	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Credos	1998	General Area	ECM(Engine Control Module)	Read Fault Code	
Credos	1998	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Credos	1998	General Area	ECM(Engine Control Module)	Read Data Stream	
Credos	1998	General Area	ECM(Engine Control Module)	Actuation Test	NUMBER1 INJECTOR
Credos	1998	General Area	ECM(Engine Control Module)	Actuation Test	NUMBER2 INJECTOR
Credos	1998	General Area	ECM(Engine Control Module)	Actuation Test	NUMBER3 INJECTOR
Credos	1998	General Area	ECM(Engine Control Module)	Actuation Test	NUMBER4 INJECTOR
Credos	1998	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED ACTUATOR
Credos	1998	General Area	ECM(Engine Control Module)	Actuation Test	PURGE CONTROL VALVE
Credos	1998	General Area	ECM(Engine Control Module)	Actuation Test	WARNIG LAMP
Credos	1998	General Area	ECM(Engine Control Module)	Actuation Test	MONITORING LAMP
Credos	1998	General Area	ECM(Engine Control Module)	Actuation Test	MAIN DUTY SOLENOID

model	year	area	system	function	subfunction
Credos	1998	General Area	ECM(Engine Control Module)	Actuation Test	SLOW CUT SOLENOID
Credos	1998	General Area	ECM(Engine Control Module)	Actuation Test	EGR SOLENOID
Credos	1998	General Area	ECM(Engine Control Module)	Actuation Test	COOLING FAN RELAY
Credos	1998	General Area	ECM(Engine Control Module)	Actuation Test	A/C CUT RELAY
Credos	1998	General Area	ECM(Engine Control Module)	Actuation Test	GAS/LIQUID RELAY
Credos	1998	General Area	ECM(Engine Control Module)	Actuation Test	SLOW DUTY SOLENOID
Credos	1998	General Area	ECM(Engine Control Module)	Actuation Test	2ND AIR SOLENOID
Credos	1998	General Area	ECM(Engine Control Module)	Actuation Test	2ND LOCK SOLENOID
Credos	1998	General Area	ECM(Engine Control Module)	Actuation Test	O2 SENSOR HEATER
Credos	1998	General Area	ECM(Engine Control Module)	Actuation Test	SET SPARK TIMING
Credos	1998	General Area	ECM(Engine Control Module)	Actuation Test	THROTTLE POSITION SENSOR PWM
Credos	1998	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Credos	1998	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Credos	1998	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Credos	1998	General Area	TCM(Transmission Control Module)	Read Fault Code	
Credos	1998	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Credos	1997	General Area	ECM(Engine Control Module)	Read Fault Code	
Credos	1997	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Credos	1997	General Area	ECM(Engine Control Module)	Read Data Stream	
Credos	1997	General Area	ECM(Engine Control Module)	Actuation Test	NUMBER1 INJECTOR
Credos	1997	General Area	ECM(Engine Control Module)	Actuation Test	NUMBER2 INJECTOR

model	year	area	system	function	subfunction
Credos	1997	General Area	ECM(Engine Control Module)	Actuation Test	NUMBER3 INJECTOR
Credos	1997	General Area	ECM(Engine Control Module)	Actuation Test	NUMBER4 INJECTOR
Credos	1997	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED ACTUATOR
Credos	1997	General Area	ECM(Engine Control Module)	Actuation Test	PURGE CONTROL VALVE
Credos	1997	General Area	ECM(Engine Control Module)	Actuation Test	WARNIG LAMP
Credos	1997	General Area	ECM(Engine Control Module)	Actuation Test	MONITORING LAMP
Credos	1997	General Area	ECM(Engine Control Module)	Actuation Test	MAIN DUTY SOLENOID
Credos	1997	General Area	ECM(Engine Control Module)	Actuation Test	SLOW CUT SOLENOID
Credos	1997	General Area	ECM(Engine Control Module)	Actuation Test	EGR SOLENOID
Credos	1997	General Area	ECM(Engine Control Module)	Actuation Test	COOLING FAN RELAY
Credos	1997	General Area	ECM(Engine Control Module)	Actuation Test	A/C CUT RELAY
Credos	1997	General Area	ECM(Engine Control Module)	Actuation Test	GAS/LIQUID RELAY
Credos	1997	General Area	ECM(Engine Control Module)	Actuation Test	SLOW DUTY SOLENOID
Credos	1997	General Area	ECM(Engine Control Module)	Actuation Test	2ND AIR SOLENOID
Credos	1997	General Area	ECM(Engine Control Module)	Actuation Test	2ND LOCK SOLENOID
Credos	1997	General Area	ECM(Engine Control Module)	Actuation Test	O2 SENSOR HEATER
Credos	1997	General Area	ECM(Engine Control Module)	Actuation Test	SET SPARK TIMING
Credos	1997	General Area	ECM(Engine Control Module)	Actuation Test	THROTTLE POSITION SENSOR PWM
Credos	1997	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Credos	1997	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Credos	1997	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	

model	year	area	system	function	subfunction
Credos	1997	General Area	TCM(Transmission Control Module)	Read Fault Code	
Credos	1997	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Credos	1996	General Area	ECM(Engine Control Module)	Read Fault Code	
Credos	1996	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Credos	1996	General Area	ECM(Engine Control Module)	Read Data Stream	
Credos	1996	General Area	ECM(Engine Control Module)	Actuation Test	NUMBER1 INJECTOR
Credos	1996	General Area	ECM(Engine Control Module)	Actuation Test	NUMBER2 INJECTOR
Credos	1996	General Area	ECM(Engine Control Module)	Actuation Test	NUMBER3 INJECTOR
Credos	1996	General Area	ECM(Engine Control Module)	Actuation Test	NUMBER4 INJECTOR
Credos	1996	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED ACTUATOR
Credos	1996	General Area	ECM(Engine Control Module)	Actuation Test	PURGE CONTROL VALVE
Credos	1996	General Area	ECM(Engine Control Module)	Actuation Test	WARNIG LAMP
Credos	1996	General Area	ECM(Engine Control Module)	Actuation Test	MONITORING LAMP
Credos	1996	General Area	ECM(Engine Control Module)	Actuation Test	MAIN DUTY SOLENOID
Credos	1996	General Area	ECM(Engine Control Module)	Actuation Test	SLOW CUT SOLENOID
Credos	1996	General Area	ECM(Engine Control Module)	Actuation Test	EGR SOLENOID
Credos	1996	General Area	ECM(Engine Control Module)	Actuation Test	COOLING FAN RELAY
Credos	1996	General Area	ECM(Engine Control Module)	Actuation Test	A/C CUT RELAY
Credos	1996	General Area	ECM(Engine Control Module)	Actuation Test	GAS/LIQUID RELAY
Credos	1996	General Area	ECM(Engine Control Module)	Actuation Test	SLOW DUTY SOLENOID
Credos	1996	General Area	ECM(Engine Control Module)	Actuation Test	2ND AIR SOLENOID
Credos	1996	General Area	ECM(Engine Control Module)	Actuation Test	2ND LOCK SOLENOID
Credos	1996	General Area	ECM(Engine Control Module)	Actuation Test	O2 SENSOR HEATER

model	year	area	system	function	subfunction
Credos	1996	General Area	ECM(Engine Control Module)	Actuation Test	SET SPARK TIMING
Credos	1996	General Area	ECM(Engine Control Module)	Actuation Test	THROTTLE POSITION SENSOR PWM
Credos	1996	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Credos	1996	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Credos	1996	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Credos	1996	General Area	TCM(Transmission Control Module)	Read Fault Code	
Credos	1996	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Credos	1995	General Area	ECM(Engine Control Module)	Read Fault Code	
Credos	1995	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Credos	1995	General Area	ECM(Engine Control Module)	Read Data Stream	
Credos	1995	General Area	ECM(Engine Control Module)	Actuation Test	NUMBER1 INJECTOR
Credos	1995	General Area	ECM(Engine Control Module)	Actuation Test	NUMBER2 INJECTOR
Credos	1995	General Area	ECM(Engine Control Module)	Actuation Test	NUMBER3 INJECTOR
Credos	1995	General Area	ECM(Engine Control Module)	Actuation Test	NUMBER4 INJECTOR
Credos	1995	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED ACTUATOR
Credos	1995	General Area	ECM(Engine Control Module)	Actuation Test	PURGE CONTROL VALVE
Credos	1995	General Area	ECM(Engine Control Module)	Actuation Test	WARNIG LAMP
Credos	1995	General Area	ECM(Engine Control Module)	Actuation Test	MONITORING LAMP
Credos	1995	General Area	ECM(Engine Control Module)	Actuation Test	MAIN DUTY SOLENOID
Credos	1995	General Area	ECM(Engine Control Module)	Actuation Test	SLOW CUT SOLENOID
Credos	1995	General Area	ECM(Engine Control Module)	Actuation Test	EGR SOLENOID

model	year	area	system	function	subfunction
Credos	1995	General Area	ECM(Engine Control Module)	Actuation Test	COOLING FAN RELAY
Credos	1995	General Area	ECM(Engine Control Module)	Actuation Test	A/C CUT RELAY
Credos	1995	General Area	ECM(Engine Control Module)	Actuation Test	GAS/LIQUID RELAY
Credos	1995	General Area	ECM(Engine Control Module)	Actuation Test	SLOW DUTY SOLENOID
Credos	1995	General Area	ECM(Engine Control Module)	Actuation Test	2ND AIR SOLENOID
Credos	1995	General Area	ECM(Engine Control Module)	Actuation Test	2ND LOCK SOLENOID
Credos	1995	General Area	ECM(Engine Control Module)	Actuation Test	O2 SENSOR HEATER
Credos	1995	General Area	ECM(Engine Control Module)	Actuation Test	SET SPARK TIMING
Credos	1995	General Area	ECM(Engine Control Module)	Actuation Test	THROTTLE POSITION SENSOR PWM
Credos	1995	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Credos	1995	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Credos	1995	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Credos	1995	General Area	TCM(Transmission Control Module)	Read Fault Code	
Credos	1995	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Elan	1998	General Area		Read Fault Code	
Elan	1998	General Area		Clear Fault	
Elan	1998	General Area		Read Data	
Elan	1998	General Area		Actuation Test	INJECTOR-CYLINDER NO.1
Elan	1998	General Area		Actuation Test	INJECTOR-CYLINDER NO.2
Elan	1998	General Area		Actuation Test	INJECTOR-CYLINDER NO.3
Elan	1998	General Area		Actuation Test	INJECTOR-CYLINDER NO.4
Elan	1998	General Area		Actuation Test	IDLE SPEED CONTROL ACTUATOR

model	year	area	system	function	subfunction
Elan	1998	General Area		Actuation Test	EVAP.PURGE CONTORL SOLENOID
Elan	1997	General Area		Read Fault Code	
Elan	1997	General Area		Clear Fault	
Elan	1997	General Area		Read Data	
Elan	1997	General Area		Actuation Test	INJECTOR-CYLINDER NO.1
Elan	1997	General Area		Actuation Test	INJECTOR-CYLINDER NO.2
Elan	1997	General Area		Actuation Test	INJECTOR-CYLINDER NO.3
Elan	1997	General Area		Actuation Test	INJECTOR-CYLINDER NO.4
Elan	1997	General Area		Actuation Test	IDLE SPEED CONTROL ACTUATOR
Elan	1997	General Area		Actuation Test	EVAP.PURGE CONTORL SOLENOID
Enterprise(DB)	2002	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Enterprise(DB)	2002	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Enterprise(DB)	2002	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Enterprise(DB)	2002	General Area	ECM(Engine Control Module)	Read Fault Code	
Enterprise(DB)	2002	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Enterprise(DB)	2002	General Area	ECM(Engine Control Module)	Read Data Stream	
Enterprise(DB)	2002	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Enterprise(DB)	2002	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Enterprise(DB)	2002	General Area	TCM(Transmission Control Module)	Read Fault Code	
Enterprise(DB)	2002	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Enterprise(DB)	2001	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Enterprise(DB)	2001	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Enterprise(DB)	2001	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Enterprise(DB)	2001	General Area	ECM(Engine Control Module)	Read Fault Code	
Enterprise(DB)	2001	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Enterprise(DB)	2001	General Area	ECM(Engine Control Module)	Read Data Stream	
Enterprise(DB)	2001	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Enterprise(DB)	2001	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Enterprise(DB)	2001	General Area	TCM(Transmission Control Module)	Read Fault Code	
Enterprise(DB)	2001	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Enterprise(DB)	2000	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Enterprise(DB)	2000	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Enterprise(DB)	2000	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Enterprise(DB)	2000	General Area	ECM(Engine Control Module)	Read Fault Code	
Enterprise(DB)	2000	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Enterprise(DB)	2000	General Area	ECM(Engine Control Module)	Read Data Stream	
Enterprise(DB)	2000	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Enterprise(DB)	2000	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Enterprise(DB)	2000	General Area	TCM(Transmission Control Module)	Read Fault Code	
Enterprise(DB)	2000	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Enterprise(DB)	1999	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Enterprise(DB)	1999	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Enterprise(DB)	1999	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	

model	year	area	system	function	subfunction
Enterprise(DB)	1999	General Area	ECM(Engine Control Module)	Read Fault Code	
Enterprise(DB)	1999	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Enterprise(DB)	1999	General Area	ECM(Engine Control Module)	Read Data Stream	
Enterprise(DB)	1999	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Enterprise(DB)	1999	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Enterprise(DB)	1999	General Area	TCM(Transmission Control Module)	Read Fault Code	
Enterprise(DB)	1999	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Enterprise(DB)	1998	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Enterprise(DB)	1998	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Enterprise(DB)	1998	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Enterprise(DB)	1998	General Area	ECM(Engine Control Module)	Read Fault Code	
Enterprise(DB)	1998	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Enterprise(DB)	1998	General Area	ECM(Engine Control Module)	Read Data Stream	
Enterprise(DB)	1998	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Enterprise(DB)	1998	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Enterprise(DB)	1998	General Area	TCM(Transmission Control Module)	Read Fault Code	
Enterprise(DB)	1998	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Enterprise(DB)	1997	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Enterprise(DB)	1997	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Enterprise(DB)	1997	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Enterprise(DB)	1997	General Area	ECM(Engine Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Enterprise(DB)	1997	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Enterprise(DB)	1997	General Area	ECM(Engine Control Module)	Read Data Stream	
Enterprise(DB)	1997	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Enterprise(DB)	1997	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Enterprise(DB)	1997	General Area	TCM(Transmission Control Module)	Read Fault Code	
Enterprise(DB)	1997	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Frontier	2004	General Area		Read Fault Code	
Frontier	2004	General Area		Clear Fault	
Frontier	2004	General Area		Read Data	
Frontier	2004	General Area		Actuation Test	FUEL PUMP
Frontier	2004	General Area		Actuation Test	TIMER CONTROL VALVE
Frontier	2003	General Area		Read Fault Code	
Frontier	2003	General Area		Clear Fault	
Frontier	2003	General Area		Read Data	
Frontier	2003	General Area		Actuation Test	FUEL PUMP
Frontier	2003	General Area		Actuation Test	TIMER CONTROL VALVE
Frontier	2002	General Area		Read Fault Code	
Frontier	2002	General Area		Clear Fault	
Frontier	2002	General Area		Read Data	
Frontier	2002	General Area		Actuation Test	FUEL PUMP
Frontier	2002	General Area		Actuation Test	TIMER CONTROL VALVE
Joice(NO)	2002	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Joice(NO)	2002	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Joice(NO)	2002	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Joice(NO)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Joice(NO)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Joice(NO)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Joice(NO)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear

model	year	area	system	function	subfunction
Joice(NO)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Joice(NO)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Joice(NO)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Joice(NO)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Joice(NO)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Joice(NO)	2002	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Joice(NO)	2002	General Area	ECM(Engine Control Module)	Version Information	
Joice(NO)	2002	General Area	ECM(Engine Control Module)	Read Fault Code	
Joice(NO)	2002	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Joice(NO)	2002	General Area	ECM(Engine Control Module)	Read Data Stream	
Joice(NO)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Joice(NO)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Joice(NO)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Joice(NO)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Joice(NO)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Joice(NO)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Joice(NO)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Joice(NO)	2002	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Joice(NO)	2002	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Joice(NO)	2002	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Joice(NO)	2002	General Area	TCM(Transmission Control Module)	Read Fault Code	
Joice(NO)	2002	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Joice(NO)	2001	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Joice(NO)	2001	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Joice(NO)	2001	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Joice(NO)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Joice(NO)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Joice(NO)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Joice(NO)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Joice(NO)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Joice(NO)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Joice(NO)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Joice(NO)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Joice(NO)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Joice(NO)	2001	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Joice(NO)	2001	General Area	ECM(Engine Control Module)	Version Information	
Joice(NO)	2001	General Area	ECM(Engine Control Module)	Read Fault Code	
Joice(NO)	2001	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Joice(NO)	2001	General Area	ECM(Engine Control Module)	Read Data Stream	
Joice(NO)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Joice(NO)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Joice(NO)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay

model	year	area	system	function	subfunction
Joice(NO)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Joice(NO)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Joice(NO)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Joice(NO)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Joice(NO)	2001	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Joice(NO)	2001	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Joice(NO)	2001	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Joice(NO)	2001	General Area	TCM(Transmission Control Module)	Read Fault Code	
Joice(NO)	2001	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Joice(NO)	2000	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Joice(NO)	2000	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Joice(NO)	2000	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Joice(NO)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Joice(NO)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Joice(NO)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Joice(NO)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Joice(NO)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Joice(NO)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Joice(NO)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Joice(NO)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Joice(NO)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear

model	year	area	system	function	subfunction
Joice(NO)	2000	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Joice(NO)	2000	General Area	ECM(Engine Control Module)	Version Information	
Joice(NO)	2000	General Area	ECM(Engine Control Module)	Read Fault Code	
Joice(NO)	2000	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Joice(NO)	2000	General Area	ECM(Engine Control Module)	Read Data Stream	
Joice(NO)	2000	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Joice(NO)	2000	General Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Joice(NO)	2000	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Joice(NO)	2000	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Joice(NO)	2000	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Joice(NO)	2000	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Joice(NO)	2000	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Joice(NO)	2000	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Joice(NO)	2000	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Joice(NO)	2000	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Joice(NO)	2000	General Area	TCM(Transmission Control Module)	Read Fault Code	
Joice(NO)	2000	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Joice(NO)	1999	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Joice(NO)	1999	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Joice(NO)	1999	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	

model	year	area	system	function	subfunction
Joice(NO)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Joice(NO)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Joice(NO)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Joice(NO)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Joice(NO)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Joice(NO)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Joice(NO)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Joice(NO)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Joice(NO)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Joice(NO)	1999	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Joice(NO)	1999	General Area	ECM(Engine Control Module)	Version Information	
Joice(NO)	1999	General Area	ECM(Engine Control Module)	Read Fault Code	
Joice(NO)	1999	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Joice(NO)	1999	General Area	ECM(Engine Control Module)	Read Data Stream	
Joice(NO)	1999	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Joice(NO)	1999	General Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Joice(NO)	1999	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Joice(NO)	1999	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Joice(NO)	1999	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Joice(NO)	1999	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Joice(NO)	1999	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4

model	year	area	system	function	subfunction
Joice(NO)	1999	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Joice(NO)	1999	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Joice(NO)	1999	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Joice(NO)	1999	General Area	TCM(Transmission Control Module)	Read Fault Code	
Joice(NO)	1999	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ABS(Anti-Lock Brake System)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Clear Fault Memory	
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Governor

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Timer Control Valve
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Intake Throttle Actuator
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Inlet Metering Valve
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Swirl Valve
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Main Lamp
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise On Lamp
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Throttle
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug Relay
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VGT Valve
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan2
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan1
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug Lamp
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Air Conditioning Relay
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Actuation Test	PTC Relay
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector #1 Actuation
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector #2 Actuation

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector #3 Actuation
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector #4 Actuation
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Special Function	ECU Initialization
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
K2500/K2700/K3000/K3000S(PU)	2015	General Area	ECM(Engine Control Module)	Special Function	Essential Work After Component Replacement
K2500/K2700/K3000/K3000S(PU)	2015	General Area	IMMO(Immobilizer)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2015	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changing
K2500/K2700/K3000/K3000S(PU)	2015	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
K2500/K2700/K3000/K3000S(PU)	2015	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
K2500/K2700/K3000/K3000S(PU)	2015	General Area	IMMO(Immobilizer)	Special Function	Teaching
K2500/K2700/K3000/K3000S(PU)	2015	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
K2500/K2700/K3000/K3000S(PU)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
K2500/K2700/K3000/K3000S(PU)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2015	General Area	TCM(Transmission Control Module)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2015	General Area	TCM(Transmission Control Module)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2015	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
K2500/K2700/K3000/K3000S(PU)	2015	General Area	TCM(Transmission Control Module)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-E(LC/B)
K2500/K2700/K3000/K3000S(PU)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	P' Indicator Lamp
K2500/K2700/K3000/K3000S(PU)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	R' Indicator Lamp
K2500/K2700/K3000/K3000S(PU)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	N' Indicator Lamp
K2500/K2700/K3000/K3000S(PU)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	D' Indicator Lamp
K2500/K2700/K3000/K3000S(PU)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Reverse Lamp Relay
K2500/K2700/K3000/K3000S(PU)	2015	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
K2500/K2700/K3000/K3000S(PU)	2015	General Area	TCM(Transmission Control Module)	Special Function	TCU Sub Rom Reset
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ABS(Anti-Lock Brake System)	Version Information	

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Clear Fault Memory	
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Governor
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Timer Control Valve
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Intake Throttle Actuator
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Inlet Metering Valve
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Swirl Valve
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Main Lamp
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise On Lamp
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Throttle
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug Relay

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VGT Valve
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan2
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan1
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug Lamp
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Air Conditioning Relay
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Actuation Test	PTC Relay
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector #1 Actuation
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector #2 Actuation
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector #3 Actuation
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector #4 Actuation
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Special Function	ECU Initialization
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2014	General Area	ECM(Engine Control Module)	Special Function	Essential Work After Component Replacement
K2500/K2700/K3000/K3000S(PU)	2014	General Area	IMMO(Immobilizer)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2014	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changing
K2500/K2700/K3000/K3000S(PU)	2014	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
K2500/K2700/K3000/K3000S(PU)	2014	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
K2500/K2700/K3000/K3000S(PU)	2014	General Area	IMMO(Immobilizer)	Special Function	Teaching
K2500/K2700/K3000/K3000S(PU)	2014	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
K2500/K2700/K3000/K3000S(PU)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
K2500/K2700/K3000/K3000S(PU)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2014	General Area	TCM(Transmission Control Module)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2014	General Area	TCM(Transmission Control Module)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2014	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
K2500/K2700/K3000/K3000S(PU)	2014	General Area	TCM(Transmission Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-E(LC/B)
K2500/K2700/K3000/K3000S(PU)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	P' Indicator Lamp
K2500/K2700/K3000/K3000S(PU)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	R' Indicator Lamp
K2500/K2700/K3000/K3000S(PU)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	N' Indicator Lamp
K2500/K2700/K3000/K3000S(PU)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	D' Indicator Lamp
K2500/K2700/K3000/K3000S(PU)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Reverse Lamp Relay
K2500/K2700/K3000/K3000S(PU)	2014	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
K2500/K2700/K3000/K3000S(PU)	2014	General Area	TCM(Transmission Control Module)	Special Function	TCU Sub Rom Reset
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ABS(Anti-Lock Brake System)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Clear Fault Memory	
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Governor
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Timer Control Valve
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Intake Throttle Actuator
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Inlet Metering Valve
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Swirl Valve
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Main Lamp

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise On Lamp
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Throttle
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug Relay
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VGT Valve
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan2
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan1
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug Lamp
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Air Conditioning Relay
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Actuation Test	PTC Relay
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector #1 Actuation
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector #2 Actuation
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector #3 Actuation
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector #4 Actuation
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Special Function	ECU Initialization
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
K2500/K2700/K3000/K3000S(PU)	2013	General Area	ECM(Engine Control Module)	Special Function	Essential Work After Component Replacement
K2500/K2700/K3000/K3000S(PU)	2013	General Area	IMMO(Immobilizer)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2013	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changing
K2500/K2700/K3000/K3000S(PU)	2013	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
K2500/K2700/K3000/K3000S(PU)	2013	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
K2500/K2700/K3000/K3000S(PU)	2013	General Area	IMMO(Immobilizer)	Special Function	Teaching

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2013	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
K2500/K2700/K3000/K3000S(PU)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
K2500/K2700/K3000/K3000S(PU)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2013	General Area	TCM(Transmission Control Module)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2013	General Area	TCM(Transmission Control Module)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2013	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
K2500/K2700/K3000/K3000S(PU)	2013	General Area	TCM(Transmission Control Module)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-E(LC/B)
K2500/K2700/K3000/K3000S(PU)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	P' Indicator Lamp
K2500/K2700/K3000/K3000S(PU)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	R' Indicator Lamp
K2500/K2700/K3000/K3000S(PU)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	N' Indicator Lamp
K2500/K2700/K3000/K3000S(PU)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	D' Indicator Lamp
K2500/K2700/K3000/K3000S(PU)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Reverse Lamp Relay

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2013	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
K2500/K2700/K3000/K3000S(PU)	2013	General Area	TCM(Transmission Control Module)	Special Function	TCU Sub Rom Reset
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ABS(Anti-Lock Brake System)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ECM(Engine Control Module)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ECM(Engine Control Module)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ECM(Engine Control Module)	Clear Fault Memory	
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ECM(Engine Control Module)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Governor
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Timer Control Valve
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Intake Throttle Actuator
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Inlet Metering Valve
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Swirl Valve
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Main Lamp
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise On Lamp
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ECM(Engine Control Module)	Special Function	ECU Initialization
K2500/K2700/K3000/K3000S(PU)	2012	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
K2500/K2700/K3000/K3000S(PU)	2012	General Area	IMMO(Immobilizer)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2012	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changing
K2500/K2700/K3000/K3000S(PU)	2012	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
K2500/K2700/K3000/K3000S(PU)	2012	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
K2500/K2700/K3000/K3000S(PU)	2012	General Area	IMMO(Immobilizer)	Special Function	Teaching
K2500/K2700/K3000/K3000S(PU)	2012	General Area	TCM(Transmission Control Module)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2012	General Area	TCM(Transmission Control Module)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2012	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
K2500/K2700/K3000/K3000S(PU)	2012	General Area	TCM(Transmission Control Module)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ABS(Anti-Lock Brake System)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ECM(Engine Control Module)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ECM(Engine Control Module)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ECM(Engine Control Module)	Clear Fault Memory	
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ECM(Engine Control Module)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Governor
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Timer Control Valve
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Intake Throttle Actuator
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Inlet Metering Valve
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Swirl Valve
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Main Lamp
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cruise On Lamp
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ECM(Engine Control Module)	Special Function	ECU Initialization
K2500/K2700/K3000/K3000S(PU)	2011	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
K2500/K2700/K3000/K3000S(PU)	2011	General Area	IMMO(Immobilizer)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2011	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changing

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2011	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
K2500/K2700/K3000/K3000S(PU)	2011	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
K2500/K2700/K3000/K3000S(PU)	2011	General Area	IMMO(Immobilizer)	Special Function	Teaching
K2500/K2700/K3000/K3000S(PU)	2011	General Area	TCM(Transmission Control Module)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2011	General Area	TCM(Transmission Control Module)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2011	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
K2500/K2700/K3000/K3000S(PU)	2011	General Area	TCM(Transmission Control Module)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ABS(Anti-Lock Brake System)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ECM(Engine Control Module)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ECM(Engine Control Module)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ECM(Engine Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ECM(Engine Control Module)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Governor
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Timer Control Valve
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Intake Throttle Actuator
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Inlet Metering Valve
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Swirl Valve
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Main Lamp
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cruise On Lamp

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ECM(Engine Control Module)	Special Function	ECU Initialization
K2500/K2700/K3000/K3000S(PU)	2010	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
K2500/K2700/K3000/K3000S(PU)	2010	General Area	IMMO(Immobilizer)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2010	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changing
K2500/K2700/K3000/K3000S(PU)	2010	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
K2500/K2700/K3000/K3000S(PU)	2010	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
K2500/K2700/K3000/K3000S(PU)	2010	General Area	IMMO(Immobilizer)	Special Function	Teaching
K2500/K2700/K3000/K3000S(PU)	2010	General Area	TCM(Transmission Control Module)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2010	General Area	TCM(Transmission Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2010	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
K2500/K2700/K3000/K3000S(PU)	2010	General Area	TCM(Transmission Control Module)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ABS(Anti-Lock Brake System)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ECM(Engine Control Module)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ECM(Engine Control Module)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ECM(Engine Control Module)	Clear Fault Memory	
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ECM(Engine Control Module)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Governor
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Timer Control Valve
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Intake Throttle Actuator
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Inlet Metering Valve
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Swirl Valve
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Main Lamp
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cruise On Lamp
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ECM(Engine Control Module)	Special Function	ECU Initialization
K2500/K2700/K3000/K3000S(PU)	2009	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
K2500/K2700/K3000/K3000S(PU)	2009	General Area	IMMO(Immobilizer)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2009	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changing
K2500/K2700/K3000/K3000S(PU)	2009	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
K2500/K2700/K3000/K3000S(PU)	2009	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
K2500/K2700/K3000/K3000S(PU)	2009	General Area	IMMO(Immobilizer)	Special Function	Teaching
K2500/K2700/K3000/K3000S(PU)	2009	General Area	TCM(Transmission Control Module)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2009	General Area	TCM(Transmission Control Module)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2009	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
K2500/K2700/K3000/K3000S(PU)	2009	General Area	TCM(Transmission Control Module)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ABS(Anti-Lock Brake System)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ECM(Engine Control Module)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ECM(Engine Control Module)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ECM(Engine Control Module)	Clear Fault Memory	
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ECM(Engine Control Module)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Governor
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Timer Control Valve
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Intake Throttle Actuator
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Inlet Metering Valve
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Swirl Valve
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Main Lamp
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Cruise On Lamp
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ECM(Engine Control Module)	Special Function	ECU Initialization
K2500/K2700/K3000/K3000S(PU)	2008	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
K2500/K2700/K3000/K3000S(PU)	2008	General Area	IMMO(Immobilizer)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2008	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changing

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2008	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
K2500/K2700/K3000/K3000S(PU)	2008	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
K2500/K2700/K3000/K3000S(PU)	2008	General Area	IMMO(Immobilizer)	Special Function	Teaching
K2500/K2700/K3000/K3000S(PU)	2008	General Area	TCM(Transmission Control Module)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2008	General Area	TCM(Transmission Control Module)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2008	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
K2500/K2700/K3000/K3000S(PU)	2008	General Area	TCM(Transmission Control Module)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2007	General Area	ABS(Anti-Lock Brake System)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2007	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2007	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
K2500/K2700/K3000/K3000S(PU)	2007	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
K2500/K2700/K3000/K3000S(PU)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
K2500/K2700/K3000/K3000S(PU)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
K2500/K2700/K3000/K3000S(PU)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
K2500/K2700/K3000/K3000S(PU)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
K2500/K2700/K3000/K3000S(PU)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
K2500/K2700/K3000/K3000S(PU)	2007	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
K2500/K2700/K3000/K3000S(PU)	2007	General Area	ECM(Engine Control Module)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2007	General Area	ECM(Engine Control Module)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2007	General Area	ECM(Engine Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2007	General Area	ECM(Engine Control Module)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Governor
K2500/K2700/K3000/K3000S(PU)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Timer Control Valve
K2500/K2700/K3000/K3000S(PU)	2007	General Area	IMMO(Immobilizer)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2007	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changing
K2500/K2700/K3000/K3000S(PU)	2007	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
K2500/K2700/K3000/K3000S(PU)	2007	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
K2500/K2700/K3000/K3000S(PU)	2007	General Area	IMMO(Immobilizer)	Special Function	Teaching
K2500/K2700/K3000/K3000S(PU)	2007	General Area	TCM(Transmission Control Module)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2007	General Area	TCM(Transmission Control Module)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2007	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
K2500/K2700/K3000/K3000S(PU)	2007	General Area	TCM(Transmission Control Module)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2006	General Area	ABS(Anti-Lock Brake System)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2006	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2006	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2006	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
K2500/K2700/K3000/K3000S(PU)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
K2500/K2700/K3000/K3000S(PU)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
K2500/K2700/K3000/K3000S(PU)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
K2500/K2700/K3000/K3000S(PU)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
K2500/K2700/K3000/K3000S(PU)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
K2500/K2700/K3000/K3000S(PU)	2006	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
K2500/K2700/K3000/K3000S(PU)	2006	General Area	ECM(Engine Control Module)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2006	General Area	ECM(Engine Control Module)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2006	General Area	ECM(Engine Control Module)	Clear Fault Memory	
K2500/K2700/K3000/K3000S(PU)	2006	General Area	ECM(Engine Control Module)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Governor
K2500/K2700/K3000/K3000S(PU)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Timer Control Valve
K2500/K2700/K3000/K3000S(PU)	2006	General Area	IMMO(Immobilizer)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2006	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changing
K2500/K2700/K3000/K3000S(PU)	2006	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
K2500/K2700/K3000/K3000S(PU)	2006	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
K2500/K2700/K3000/K3000S(PU)	2006	General Area	IMMO(Immobilizer)	Special Function	Teaching
K2500/K2700/K3000/K3000S(PU)	2006	General Area	TCM(Transmission Control Module)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2006	General Area	TCM(Transmission Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2006	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
K2500/K2700/K3000/K3000S(PU)	2006	General Area	TCM(Transmission Control Module)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2005	General Area	ABS(Anti-Lock Brake System)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2005	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2005	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
K2500/K2700/K3000/K3000S(PU)	2005	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
K2500/K2700/K3000/K3000S(PU)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
K2500/K2700/K3000/K3000S(PU)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
K2500/K2700/K3000/K3000S(PU)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
K2500/K2700/K3000/K3000S(PU)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
K2500/K2700/K3000/K3000S(PU)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
K2500/K2700/K3000/K3000S(PU)	2005	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
K2500/K2700/K3000/K3000S(PU)	2005	General Area	ECM(Engine Control Module)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2005	General Area	ECM(Engine Control Module)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2005	General Area	ECM(Engine Control Module)	Clear Fault Memory	
K2500/K2700/K3000/K3000S(PU)	2005	General Area	ECM(Engine Control Module)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Governor
K2500/K2700/K3000/K3000S(PU)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Timer Control Valve
K2500/K2700/K3000/K3000S(PU)	2005	General Area	IMMO(Immobilizer)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2005	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changing

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2005	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
K2500/K2700/K3000/K3000S(PU)	2005	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
K2500/K2700/K3000/K3000S(PU)	2005	General Area	IMMO(Immobilizer)	Special Function	Teaching
K2500/K2700/K3000/K3000S(PU)	2005	General Area	TCM(Transmission Control Module)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2005	General Area	TCM(Transmission Control Module)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2005	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
K2500/K2700/K3000/K3000S(PU)	2005	General Area	TCM(Transmission Control Module)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2004	General Area	ABS(Anti-Lock Brake System)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2004	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2004	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
K2500/K2700/K3000/K3000S(PU)	2004	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
K2500/K2700/K3000/K3000S(PU)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
K2500/K2700/K3000/K3000S(PU)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
K2500/K2700/K3000/K3000S(PU)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
K2500/K2700/K3000/K3000S(PU)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
K2500/K2700/K3000/K3000S(PU)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
K2500/K2700/K3000/K3000S(PU)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
K2500/K2700/K3000/K3000S(PU)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
K2500/K2700/K3000/K3000S(PU)	2004	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
K2500/K2700/K3000/K3000S(PU)	2004	General Area	ECM(Engine Control Module)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2004	General Area	ECM(Engine Control Module)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2004	General Area	ECM(Engine Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
K2500/K2700/K3000/K3000S(PU)	2004	General Area	ECM(Engine Control Module)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Governor
K2500/K2700/K3000/K3000S(PU)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Timer Control Valve
K2500/K2700/K3000/K3000S(PU)	2004	General Area	IMMO(Immobilizer)	Read Data Stream	
K2500/K2700/K3000/K3000S(PU)	2004	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changing
K2500/K2700/K3000/K3000S(PU)	2004	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
K2500/K2700/K3000/K3000S(PU)	2004	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
K2500/K2700/K3000/K3000S(PU)	2004	General Area	IMMO(Immobilizer)	Special Function	Teaching
K2500/K2700/K3000/K3000S(PU)	2004	General Area	TCM(Transmission Control Module)	Version Information	
K2500/K2700/K3000/K3000S(PU)	2004	General Area	TCM(Transmission Control Module)	Read Fault Code	
K2500/K2700/K3000/K3000S(PU)	2004	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
K2500/K2700/K3000/K3000S(PU)	2004	General Area	TCM(Transmission Control Module)	Read Data Stream	
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Version Information	
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Read Fault Code	
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Clear Fault Memory	
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Read Data Stream	

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Vent
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Floor
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defog
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-VENT-0%

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-TEMP-50%
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Mohave/Borrego(HM)	2017	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Mohave/Borrego(HM)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Mohave/Borrego(HM)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Mohave/Borrego(HM)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Mohave/Borrego(HM)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Mohave/Borrego(HM)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Mohave/Borrego(HM)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	System Initialization
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Version Information	
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Read Fault Code	
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Clear Fault Memory	
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Read Data Stream	
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window Up

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Highest Position
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Lowest Position
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Left Position
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Right Position
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Fold
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Unfold
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Puddle Lamp
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Lock
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Unlock
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Repeater
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	BSD Indicator
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Courtesy Lamp
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Heater Control
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Auto Up
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Auto
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Up
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Down

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Pocket Light Output(Option)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Illumination
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Window Lock to Assist Door
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window Up
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Highest Position
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Lowest Position
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Left Position
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Right Position
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Fold
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Unfold
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Drive Side Puddle Lamp
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Lock
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Driver Side Repeater

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Driver Courtesy Lamp
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Driver Heater Control
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Window Auto Up
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Auto
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Up
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Down
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Auto Up
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Auto
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Up
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Down
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Auto
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Up
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Down
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Window Lock to Driver Door
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Pocket Lamp(Both Left and Right)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Mood Lamp(Both Left and Right)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Courtesy Lamp
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Courtesy Lamp
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Door Curtain Up(Only Windows Close

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Door Curtain Down(Only Windows Close Status)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Door Curtain Up(Only Windows Close
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Door Curtain Down(Only Windows Close Status)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist BSD Indicator
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain re-Initialize
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear illumination
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output(Exterior)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output(Interior)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Parasitic Current Auto-Block IPS
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt Indicator
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt Indicator

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt Indicator
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left/Right
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Right
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	High Mounted Stop Lamp
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	RL Door Lock Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	RL Door Unlock Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Up
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Down
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Left
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Right
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window DOWN
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window UP
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window DOWN
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LOCK
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Courtesy Lamp
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Power Winodow UP
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Power Winodow DOWN
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window UP
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Hazard Indicator
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Cornering Lamp LH Output
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Cornering Lamp RH Output
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay(with Safety P/WDW Enable)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator(Option)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator(Option)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination(Manual Key Type)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Output
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Indicator
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Map Lamp Output
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Alt'L Signal Out
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Lamp
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Front Washer Motor Output
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Washer Motor Output
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	3Lh SBR Left Indicator
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	3Rh SBR Center Indicator
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Safety ECU Enable

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Heated Washer Nozzle Output
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Defogger Indicator
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Front Heated Glass Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	EMS Wakeup Output
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Fuel Door Open Solenoid Output
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Mood Lamp 1 Output
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Mood Lamp 2 Output
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Mood Lamp 3 Output
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Mirror Position Horizontal Output
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Mirror Position Vertical Output
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Signal
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Wiper Power Relay
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(Headrest
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(Headrest
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Foremost Position(Cushion Extension)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Last Position(Cushion Extension)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Seat Warmer Output-Rear Left
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Seat Warmer Output-Rear
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move Steering Column To The Highest Position(Tilt)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move Steering Column To The Lowest Position(Tilt)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move Steering Column At The Shortest Position(Tele)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Actuation Test	Move Steering Column At The Longest Position(Tele)
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Special Function	CLU Variant Coding
Mohave/Borrego(HM)	2017	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting
Mohave/Borrego(HM)	2017	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Mohave/Borrego(HM)	2017	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2017	General Area	Driveshaft	Version Information	
Mohave/Borrego(HM)	2017	General Area	Driveshaft	Read Fault Code	
Mohave/Borrego(HM)	2017	General Area	Driveshaft	Clear Fault Memory	
Mohave/Borrego(HM)	2017	General Area	Driveshaft	Read Data Stream	
Mohave/Borrego(HM)	2017	General Area	Driveshaft	Actuation Test	Torque Coupling Control
Mohave/Borrego(HM)	2017	General Area	Driveshaft	Special Function	Torque Coupling Control
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Version Information	
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Read Fault Code	
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Read Data Stream	
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Electrical Water Heater
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	PTC Relay
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Main Water Pump
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector #1 Actuation
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector #2 Actuation
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector #3 Actuation

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector #4 Actuation
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector #5 Actuation
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector #6 Actuation
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	GRU(Glow Relay Unit)15%Duty
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 10%
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 90%
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 10%
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 90%
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 10%
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 90%
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 5%
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 95%
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed PWM Output
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 5%
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 95%
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 5%
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 95%

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 5%
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 95%
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control Actuator(2000
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Mohave/Borrego(HM)	2017	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Mohave/Borrego(HM)	2017	General Area	ECS(Electronic Control Suspension)	Version Information	
Mohave/Borrego(HM)	2017	General Area	ECS(Electronic Control Suspension)	Read Fault Code	
Mohave/Borrego(HM)	2017	General Area	ECS(Electronic Control Suspension)	Clear Fault Memory	
Mohave/Borrego(HM)	2017	General Area	ECS(Electronic Control Suspension)	Read Data Stream	
Mohave/Borrego(HM)	2017	General Area	ECS(Electronic Control Suspension)	Actuation Test	Filling RL Valve Using Reservoir Tank
Mohave/Borrego(HM)	2017	General Area	ECS(Electronic Control Suspension)	Actuation Test	Filling RL Valve Using
Mohave/Borrego(HM)	2017	General Area	ECS(Electronic Control Suspension)	Actuation Test	Venting RL Valve
Mohave/Borrego(HM)	2017	General Area	ECS(Electronic Control Suspension)	Actuation Test	Filling RR Valve Using Reservoir Tank
Mohave/Borrego(HM)	2017	General Area	ECS(Electronic Control Suspension)	Actuation Test	Filling RR Valve Using
Mohave/Borrego(HM)	2017	General Area	ECS(Electronic Control Suspension)	Actuation Test	Venting RR Valve
Mohave/Borrego(HM)	2017	General Area	ECS(Electronic Control Suspension)	Actuation Test	Filling Reservoir Tank Using Compressor
Mohave/Borrego(HM)	2017	General Area	ECS(Electronic Control Suspension)	Actuation Test	Venting Reservoir Tank

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2017	General Area	ECS(Electronic Control Suspension)	Actuation Test	Filling RL RR Valve Using
Mohave/Borrego(HM)	2017	General Area	ECS(Electronic Control Suspension)	Actuation Test	Filling RL RR Valve Using Reservoir Tank
Mohave/Borrego(HM)	2017	General Area	ECS(Electronic Control Suspension)	Actuation Test	Venting RL and RR Valve
Mohave/Borrego(HM)	2017	General Area	ECS(Electronic Control Suspension)	Special Function	Height Sensor Calibration
Mohave/Borrego(HM)	2017	General Area	ECS(Electronic Control Suspension)	Special Function	Height Sensor De-Calibration
Mohave/Borrego(HM)	2017	General Area	ECS(Electronic Control Suspension)	Special Function	Air Filling/Venting
Mohave/Borrego(HM)	2017	General Area	ECS(Electronic Control Suspension)	Special Function	Halt System Control
Mohave/Borrego(HM)	2017	General Area	ECS(Electronic Control Suspension)	Special Function	Air Filling Setup
Mohave/Borrego(HM)	2017	General Area	ECS(Electronic Control Suspension)	Special Function	Height Sensor Mount Angle
Mohave/Borrego(HM)	2017	General Area	ESC(Electronic Stability Control)	Version Information	
Mohave/Borrego(HM)	2017	General Area	ESC(Electronic Stability Control)	Read Fault Code	
Mohave/Borrego(HM)	2017	General Area	ESC(Electronic Stability Control)	Clear Fault Memory	
Mohave/Borrego(HM)	2017	General Area	ESC(Electronic Stability Control)	Read Data Stream	
Mohave/Borrego(HM)	2017	General Area	ESC(Electronic Stability Control)	Actuation Test	Motor
Mohave/Borrego(HM)	2017	General Area	ESC(Electronic Stability Control)	Actuation Test	Inlet Valve-Left Front
Mohave/Borrego(HM)	2017	General Area	ESC(Electronic Stability Control)	Actuation Test	Inlet Valve-Right Front
Mohave/Borrego(HM)	2017	General Area	ESC(Electronic Stability Control)	Actuation Test	Inlet Valve-Left Rear
Mohave/Borrego(HM)	2017	General Area	ESC(Electronic Stability Control)	Actuation Test	Inlet Valve-Right Rear
Mohave/Borrego(HM)	2017	General Area	ESC(Electronic Stability Control)	Actuation Test	Outlet Valve-Left Front
Mohave/Borrego(HM)	2017	General Area	ESC(Electronic Stability Control)	Actuation Test	Outlet Valve-Right Front
Mohave/Borrego(HM)	2017	General Area	ESC(Electronic Stability Control)	Actuation Test	Outlet Valve-Left Rear
Mohave/Borrego(HM)	2017	General Area	ESC(Electronic Stability Control)	Actuation Test	Outlet Valve-Right Rear

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2017	General Area	ESC(Electronic Stability Control)	Actuation Test	TCS Valve-Left Front
Mohave/Borrego(HM)	2017	General Area	ESC(Electronic Stability Control)	Actuation Test	TCS Valve-Right Front
Mohave/Borrego(HM)	2017	General Area	ESC(Electronic Stability Control)	Actuation Test	Electric Shuttle Valve-Right Front
Mohave/Borrego(HM)	2017	General Area	ESC(Electronic Stability Control)	Actuation Test	Electric Shuttle Valve-Left Front
Mohave/Borrego(HM)	2017	General Area	ESC(Electronic Stability Control)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Mohave/Borrego(HM)	2017	General Area	ESC(Electronic Stability Control)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Mohave/Borrego(HM)	2017	General Area	ESC(Electronic Stability Control)	Special Function	Auto Detected Configuration Reset
Mohave/Borrego(HM)	2017	General Area	ESC(Electronic Stability Control)	Special Function	HCU Air Bleeding Mode
Mohave/Borrego(HM)	2017	General Area	IMMO(Immobilizer)	Read Fault Code	
Mohave/Borrego(HM)	2017	General Area	IMMO(Immobilizer)	Clear Fault Memory	
Mohave/Borrego(HM)	2017	General Area	IMMO(Immobilizer)	Read Data Stream	
Mohave/Borrego(HM)	2017	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Mohave/Borrego(HM)	2017	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Mohave/Borrego(HM)	2017	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Mohave/Borrego(HM)	2017	General Area	IMMO(Immobilizer)	Special Function	Teaching
Mohave/Borrego(HM)	2017	General Area	LDWS(Lane Departure Warning System)	Version Information	
Mohave/Borrego(HM)	2017	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Mohave/Borrego(HM)	2017	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Mohave/Borrego(HM)	2017	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Mohave/Borrego(HM)	2017	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Left Mirror LED ON
Mohave/Borrego(HM)	2017	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Left Mirror LED Blinking

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2017	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Right Mirror LED ON
Mohave/Borrego(HM)	2017	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Right Mirror LED Blinking
Mohave/Borrego(HM)	2017	General Area	LDWS(Lane Departure Warning System)	Actuation Test	BSD Switch LED ON/OFF
Mohave/Borrego(HM)	2017	General Area	LDWS(Lane Departure Warning System)	Special Function	BSD Radar Calibration
Mohave/Borrego(HM)	2017	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Mohave/Borrego(HM)	2017	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Mohave/Borrego(HM)	2017	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Mohave/Borrego(HM)	2017	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Mohave/Borrego(HM)	2017	General Area	SCR(Selective Catalytic Reduction)	Version Information	
Mohave/Borrego(HM)	2017	General Area	SCR(Selective Catalytic Reduction)	Read Fault Code	
Mohave/Borrego(HM)	2017	General Area	SCR(Selective Catalytic Reduction)	Clear Fault Memory	
Mohave/Borrego(HM)	2017	General Area	SCR(Selective Catalytic Reduction)	Read Data Stream	
Mohave/Borrego(HM)	2017	General Area	SCR(Selective Catalytic Reduction)	Actuation Test	Actuator Test Identifier for Urea Dosing
Mohave/Borrego(HM)	2017	General Area	SCR(Selective Catalytic Reduction)	Actuation Test	Signal Test for Urea Pressure Line Heater
Mohave/Borrego(HM)	2017	General Area	SCR(Selective Catalytic Reduction)	Actuation Test	Signal Test for Urea Tank Heater Actuator
Mohave/Borrego(HM)	2017	General Area	SCR(Selective Catalytic Reduction)	Actuation Test	Actuator Test of Urea Back Flow Pump Actuator(50%)
Mohave/Borrego(HM)	2017	General Area	SCR(Selective Catalytic Reduction)	Actuation Test	Signal Test for Urea Solenoid Pump(10th)
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Version Information	
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Read Fault Code	
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Clear Fault Memory	

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Read Data Stream	
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Actuation Test	SSB LED White
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Actuation Test	ACC Relay
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Actuation Test	Starter Relay
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Actuation Test	External Buzzer
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Actuation Test	Interior Antenna 1
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Actuation Test	Interior Antenna 2
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Actuation Test	Interior Antenna 3
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Special Function	Neutralization Mode
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Special Function	SMK Status Information
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Special Function	ESCL Status Information
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Mohave/Borrego(HM)	2017	General Area	Smart Key Unit	Special Function	Antenna Status Check
Mohave/Borrego(HM)	2017	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Mohave/Borrego(HM)	2017	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Mohave/Borrego(HM)	2017	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Mohave/Borrego(HM)	2017	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Mohave/Borrego(HM)	2017	General Area	SVMS(Surround View Monitor System)	Version Information	
Mohave/Borrego(HM)	2017	General Area	SVMS(Surround View Monitor System)	Read Fault Code	
Mohave/Borrego(HM)	2017	General Area	SVMS(Surround View Monitor System)	Clear Fault Memory	
Mohave/Borrego(HM)	2017	General Area	SVMS(Surround View Monitor System)	Read Data Stream	

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2017	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-SVM View
Mohave/Borrego(HM)	2017	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-SVM View
Mohave/Borrego(HM)	2017	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Left View
Mohave/Borrego(HM)	2017	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Left View
Mohave/Borrego(HM)	2017	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Right View
Mohave/Borrego(HM)	2017	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Right View
Mohave/Borrego(HM)	2017	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Wide View
Mohave/Borrego(HM)	2017	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Wide View
Mohave/Borrego(HM)	2017	General Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 25%
Mohave/Borrego(HM)	2017	General Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 100%
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Version Information	
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Read Fault Code	
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Read Data Stream	
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-E(LC/B)
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	P' Indicator Lamp
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	R' Indicator Lamp
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	N' Indicator Lamp
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	D' Indicator Lamp
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Reverse Lamp Relay
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/C)

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(4&OD/C)
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(27/B)
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(6/C)
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(8LR/B)
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid B
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid C
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid D
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid E
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	LR(L,R_B)Solenoid
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	UD(L_C)Solenoid
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	2ND(2-4_B)Solenoid
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	OD(H_C)Solenoid
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	1st Gear Lamp
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear Lamp
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear Lamp

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	4th Gear Lamp
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	5th Gear Lamp
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	6th Gear Lamp
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	7th Gear Lamp
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	8th Gear Lamp
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Hold Lamp
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Main Relay
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid A(Drive)
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid B(Reverse)(SBW)
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid(SBC)
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid A(Parking)
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid A(DRH)
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Special Function	TCU Sub Rom Reset
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Special Function	Oil-pressure Characteristics BackUp&Input(TCU Exchange)
Mohave/Borrego(HM)	2017	General Area	TCM(Transmission Control Module)	Special Function	Oil-pressure Characteristics Input(Transmission Exchange)
Mohave/Borrego(HM)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Mohave/Borrego(HM)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Mohave/Borrego(HM)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Mohave/Borrego(HM)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Mohave/Borrego(HM)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Mohave/Borrego(HM)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Mohave/Borrego(HM)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Mohave/Borrego(HM)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Mohave/Borrego(HM)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Mohave/Borrego(HM)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Mohave/Borrego(HM)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Mohave/Borrego(HM)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Mohave/Borrego(HM)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Mohave/Borrego(HM)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Mohave/Borrego(HM)	2016	General Area	AC(Air Conditioning)	Version Information	
Mohave/Borrego(HM)	2016	General Area	AC(Air Conditioning)	Read Fault Code	
Mohave/Borrego(HM)	2016	General Area	AC(Air Conditioning)	Clear Fault Memory	
Mohave/Borrego(HM)	2016	General Area	AC(Air Conditioning)	Read Data Stream	
Mohave/Borrego(HM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Mohave/Borrego(HM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Mohave/Borrego(HM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Mohave/Borrego(HM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Mohave/Borrego(HM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Mohave/Borrego(HM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Mohave/Borrego(HM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Mohave/Borrego(HM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Mohave/Borrego(HM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-VENT
Mohave/Borrego(HM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-FLOOR
Mohave/Borrego(HM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-DEF.
Mohave/Borrego(HM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Mohave/Borrego(HM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Mohave/Borrego(HM)	2016	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Mohave/Borrego(HM)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Mohave/Borrego(HM)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Mohave/Borrego(HM)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Mohave/Borrego(HM)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Mohave/Borrego(HM)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Mohave/Borrego(HM)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	System Initialization
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Version Information	
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Read Fault Code	
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Clear Fault Memory	
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Read Data Stream	
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp(ADM)
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Lock(ADM)
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock(ADM)
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up(ADM)
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down(ADM)

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left(ADM)
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right(ADM)
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog(ADM)
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Up(ADM)
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Down(ADM)
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Illumination
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	OSRVM Folding Out(ADM)
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	OSRVM Unfolding Out(ADM)
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Side Repeater Lamp Out(ADM)
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Lock
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Up
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Down
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	OSRVM Folding Out
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	OSRVM Unfolding Out
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Side Repeater Lamp Out
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Washer Switch

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Washer Switch
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp High
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp-Low
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Right Parking Lamp
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Right Fog Lamp
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Left Head Lamp High
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low-Left
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Parking Lamp-Left
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Left Fog Lamp
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal-Left
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head lamp washer relay
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Timer
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper low relay
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper high relay
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Horn
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Indicator
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Defog Indicator
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Back Up Signal Output
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Burglar Relay
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Adjustable Pedal On/Off
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Relay
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Panel Light Trip Computer
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Forward
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Backward
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Door
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Scuff Lamp
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Scuff Lamp
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Right Rear Scuff Lamp
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Left Rear Scuff Lamp
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Right Rear Door Power Window
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Right Rear Door Power Window Down
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Left Rear Door Power Window

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Left Rear Door Power Window Down
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Right Rear Seat Warmer Relay
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Left Rear Seat Warmer Relay
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	ATM Shift Lock Solenoid
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tailgate unlock signal output
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Defog
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Left
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp and Warning
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	License Side Marker
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Right tail lamp
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Motor
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Switch Illumination
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Fuel Filler Door Solenoid
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tilt steering colume high
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tilt steering colume low
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Telescope steering colume
Mohave/Borrego(HM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Telescope steering colume
Mohave/Borrego(HM)	2016	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Mohave/Borrego(HM)	2016	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Mohave/Borrego(HM)	2016	General Area	Driveshaft	Version Information	
Mohave/Borrego(HM)	2016	General Area	Driveshaft	Read Fault Code	

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2016	General Area	Driveshaft	Clear Fault Memory	
Mohave/Borrego(HM)	2016	General Area	Driveshaft	Read Data Stream	
Mohave/Borrego(HM)	2016	General Area	Driveshaft	Actuation Test	Torque Coupling Control
Mohave/Borrego(HM)	2016	General Area	Driveshaft	Special Function	Torque Coupling Control
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Version Information	
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Read Fault Code	
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Read Data Stream	
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 50%
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 78%

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 500 RPM
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 4000 RPM
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Alternator Control(Option)
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 5%(Option)
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Special Function	Fuel Line Air Remove
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Special Function	ECU Tuning Data Confirm
Mohave/Borrego(HM)	2016	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Mohave/Borrego(HM)	2016	General Area	ECS(Electronic Control Suspension)	Version Information	
Mohave/Borrego(HM)	2016	General Area	ECS(Electronic Control Suspension)	Read Fault Code	
Mohave/Borrego(HM)	2016	General Area	ECS(Electronic Control Suspension)	Clear Fault Memory	
Mohave/Borrego(HM)	2016	General Area	ECS(Electronic Control Suspension)	Read Data Stream	
Mohave/Borrego(HM)	2016	General Area	ECS(Electronic Control Suspension)	Actuation Test	Filling RL Valve Using Reservoir Tank
Mohave/Borrego(HM)	2016	General Area	ECS(Electronic Control Suspension)	Actuation Test	Filling RL Valve Using
Mohave/Borrego(HM)	2016	General Area	ECS(Electronic Control Suspension)	Actuation Test	Venting RL Valve
Mohave/Borrego(HM)	2016	General Area	ECS(Electronic Control Suspension)	Actuation Test	Filling RR Valve Using Reservoir Tank
Mohave/Borrego(HM)	2016	General Area	ECS(Electronic Control Suspension)	Actuation Test	Filling RR Valve Using
Mohave/Borrego(HM)	2016	General Area	ECS(Electronic Control Suspension)	Actuation Test	Venting RR Valve
Mohave/Borrego(HM)	2016	General Area	ECS(Electronic Control Suspension)	Actuation Test	Filling Reservoir Tank Using Compressor
Mohave/Borrego(HM)	2016	General Area	ECS(Electronic Control Suspension)	Actuation Test	Venting Reservoir Tank
Mohave/Borrego(HM)	2016	General Area	ECS(Electronic Control Suspension)	Actuation Test	Filling RL RR Valve Using
Mohave/Borrego(HM)	2016	General Area	ECS(Electronic Control Suspension)	Actuation Test	Filling RL RR Valve Using Reservoir Tank
Mohave/Borrego(HM)	2016	General Area	ECS(Electronic Control Suspension)	Actuation Test	Venting RL and RR Valve
Mohave/Borrego(HM)	2016	General Area	ECS(Electronic Control Suspension)	Special Function	Height Sensor Calibration
Mohave/Borrego(HM)	2016	General Area	ECS(Electronic Control Suspension)	Special Function	Height Sensor De-Calibration

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2016	General Area	ECS(Electronic Control Suspension)	Special Function	Air Filling/Venting
Mohave/Borrego(HM)	2016	General Area	ECS(Electronic Control Suspension)	Special Function	Halt System Control
Mohave/Borrego(HM)	2016	General Area	ECS(Electronic Control Suspension)	Special Function	Air Filling Setup
Mohave/Borrego(HM)	2016	General Area	ECS(Electronic Control Suspension)	Special Function	Height Sensor Mount Angle
Mohave/Borrego(HM)	2016	General Area	ESP(Electronic Stability Program)	Version Information	
Mohave/Borrego(HM)	2016	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Mohave/Borrego(HM)	2016	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Mohave/Borrego(HM)	2016	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Mohave/Borrego(HM)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Mohave/Borrego(HM)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Mohave/Borrego(HM)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Mohave/Borrego(HM)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Mohave/Borrego(HM)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Mohave/Borrego(HM)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Mohave/Borrego(HM)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Mohave/Borrego(HM)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Mohave/Borrego(HM)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Mohave/Borrego(HM)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Mohave/Borrego(HM)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Mohave/Borrego(HM)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Mohave/Borrego(HM)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Mohave/Borrego(HM)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Mohave/Borrego(HM)	2016	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset
Mohave/Borrego(HM)	2016	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Mohave/Borrego(HM)	2016	General Area	IMMO(Immobilizer)	Read Data Stream	
Mohave/Borrego(HM)	2016	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Mohave/Borrego(HM)	2016	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Mohave/Borrego(HM)	2016	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Mohave/Borrego(HM)	2016	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Mohave/Borrego(HM)	2016	General Area	IMMO(Immobilizer)	Special Function	Teaching
Mohave/Borrego(HM)	2016	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Mohave/Borrego(HM)	2016	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Mohave/Borrego(HM)	2016	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Mohave/Borrego(HM)	2016	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Mohave/Borrego(HM)	2016	General Area	Smart Key Unit	Version Information	
Mohave/Borrego(HM)	2016	General Area	Smart Key Unit	Read Fault Code	
Mohave/Borrego(HM)	2016	General Area	Smart Key Unit	Clear Fault Memory	
Mohave/Borrego(HM)	2016	General Area	Smart Key Unit	Read Data Stream	
Mohave/Borrego(HM)	2016	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Mohave/Borrego(HM)	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator Lamp
Mohave/Borrego(HM)	2016	General Area	Smart Key Unit	Actuation Test	External Buzzer Output
Mohave/Borrego(HM)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Mohave/Borrego(HM)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna1 Active

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna2 Active
Mohave/Borrego(HM)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna3 Active
Mohave/Borrego(HM)	2016	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Mohave/Borrego(HM)	2016	General Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna
Mohave/Borrego(HM)	2016	General Area	Smart Key Unit	Actuation Test	Passenger Door Handle Antenna Active
Mohave/Borrego(HM)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Mohave/Borrego(HM)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Green
Mohave/Borrego(HM)	2016	General Area	Smart Key Unit	Actuation Test	FOB holder illumination
Mohave/Borrego(HM)	2016	General Area	Smart Key Unit	Actuation Test	SSB illumination
Mohave/Borrego(HM)	2016	General Area	Smart Key Unit	Actuation Test	ACC Relay
Mohave/Borrego(HM)	2016	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Mohave/Borrego(HM)	2016	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Mohave/Borrego(HM)	2016	General Area	Smart Key Unit	Actuation Test	START Relay
Mohave/Borrego(HM)	2016	General Area	Smart Key Unit	Actuation Test	Perform ESCL Open Check
Mohave/Borrego(HM)	2016	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Mohave/Borrego(HM)	2016	General Area	Smart Key Unit	Special Function	Neutralization Mode
Mohave/Borrego(HM)	2016	General Area	Smart Key Unit	Special Function	SMK Status Information
Mohave/Borrego(HM)	2016	General Area	Smart Key Unit	Special Function	ESCL Status Information
Mohave/Borrego(HM)	2016	General Area	Smart Key Unit	Special Function	PDM Status Information
Mohave/Borrego(HM)	2016	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Mohave/Borrego(HM)	2016	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Mohave/Borrego(HM)	2016	General Area	Smart Key Unit	Special Function	Antenna Status Check

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2016	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Mohave/Borrego(HM)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Mohave/Borrego(HM)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Mohave/Borrego(HM)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Mohave/Borrego(HM)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Version Information	
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Read Fault Code	
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Read Data Stream	
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-E(LC/B)
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	P' Indicator Lamp
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	R' Indicator Lamp
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	N' Indicator Lamp
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	D' Indicator Lamp
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Reverse Lamp Relay
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/C)
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(4&OD/C)
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(27/B)

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(6/C)
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(8LR/B)
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid B
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid C
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid D
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid E
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	LR(L,R_B)Solenoid
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	UD(L_C)Solenoid
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	2ND(2-4_B)Solenoid
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	OD(H_C)Solenoid
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	1st Gear Lamp
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear Lamp
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear Lamp
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	4th Gear Lamp
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	5th Gear Lamp
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	6th Gear Lamp

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	7th Gear Lamp
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	8th Gear Lamp
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Hold Lamp
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Main Relay
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid A(Drive)
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid B(Reverse)(SBW)
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid(SBC)
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid A(Parking)
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid A(DRH)
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Special Function	TCU Sub Rom Reset
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Special Function	Oil-pressure Characteristics BackUp&Input(TCU Exchange)
Mohave/Borrego(HM)	2016	General Area	TCM(Transmission Control Module)	Special Function	Oil-pressure Characteristics Input(Transmission Exchange)
Mohave/Borrego(HM)	2015	General Area	AC(Air Conditioning)	Version Information	
Mohave/Borrego(HM)	2015	General Area	AC(Air Conditioning)	Read Fault Code	
Mohave/Borrego(HM)	2015	General Area	AC(Air Conditioning)	Clear Fault Memory	
Mohave/Borrego(HM)	2015	General Area	AC(Air Conditioning)	Read Data Stream	
Mohave/Borrego(HM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Mohave/Borrego(HM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Mohave/Borrego(HM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Mohave/Borrego(HM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Mohave/Borrego(HM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Mohave/Borrego(HM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Mohave/Borrego(HM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Mohave/Borrego(HM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Mohave/Borrego(HM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-VENT
Mohave/Borrego(HM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-FLOOR
Mohave/Borrego(HM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-DEF.
Mohave/Borrego(HM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Mohave/Borrego(HM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Mohave/Borrego(HM)	2015	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Mohave/Borrego(HM)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Mohave/Borrego(HM)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Mohave/Borrego(HM)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Mohave/Borrego(HM)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Mohave/Borrego(HM)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Mohave/Borrego(HM)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	System Initialization
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Version Information	
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Read Fault Code	
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Clear Fault Memory	
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Indicator
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Defog Indicator
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Back Up Signal Output
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Burglar Relay
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Adjustable Pedal On/Off
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Relay
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Panel Light Trip Computer
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tilt steering colume high
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tilt steering colume low
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Telescope steering colume
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Telescope steering colume
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Washer Switch
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Washer Switch
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp High
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp-Low
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Right Parking Lamp
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Right Fog Lamp
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Left Head Lamp High
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low-Left
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Parking Lamp-Left
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Left Fog Lamp
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal-Left
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head lamp washer relay
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Timer
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Wiper low relay
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Wiper high relay
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Horn
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Door
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Scuff Lamp
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Scuff Lamp
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Right Rear Scuff Lamp
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Left Rear Scuff Lamp
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Right Rear Door Power Window
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Right Rear Door Power Window Down
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Left Rear Door Power Window
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Left Rear Door Power Window Down
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Right Rear Seat Warmer Relay
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Left Rear Seat Warmer Relay

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	ATM Shift Lock Solenoid
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tailgate unlock signal output
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Defog
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Left
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp and Warning
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	License Side Marker
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Right tail lamp
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Door Lock
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Motor
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Switch Illumination
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Fuel Filler Door Solenoid
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Up
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Down
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Illumination

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	OSRVM Folding Out
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	OSRVM Unfolding Out
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Side Repeater Lamp Out
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp(ADM)
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Door Lock(ADM)
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock(ADM)
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up(ADM)
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down(ADM)
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left(ADM)
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right(ADM)
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog(ADM)
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Up(ADM)
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Down(ADM)
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	OSRVM Folding Out(ADM)
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	OSRVM Unfolding Out(ADM)
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Side Repeater Lamp Out(ADM)
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Forward
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Backward
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Mohave/Borrego(HM)	2015	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Mohave/Borrego(HM)	2015	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Mohave/Borrego(HM)	2015	General Area	Driveshaft	Version Information	
Mohave/Borrego(HM)	2015	General Area	Driveshaft	Read Fault Code	
Mohave/Borrego(HM)	2015	General Area	Driveshaft	Clear Fault Memory	
Mohave/Borrego(HM)	2015	General Area	Driveshaft	Read Data Stream	
Mohave/Borrego(HM)	2015	General Area	Driveshaft	Actuation Test	Torque Coupling Control
Mohave/Borrego(HM)	2015	General Area	Driveshaft	Special Function	Torque Coupling Control
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Version Information	
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Read Fault Code	
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Read Data Stream	
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 50%
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 78%
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 500 RPM
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 4000 RPM
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Alternator Control(Option)
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 5%(Option)
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Special Function	Write VIN

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Special Function	Fuel Line Air Remove
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Special Function	ECU Tuning Data Confirm
Mohave/Borrego(HM)	2015	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Mando)	Version Information	
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Mando)	Read Fault Code	
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Mando)	Clear Fault Memory	
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Mando)	Read Data Stream	
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RL Valve Using Reservoir Tank
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RL Valve Using
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Mando)	Actuation Test	Venting RL Valve
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RR Valve Using Reservoir Tank
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RR Valve Using
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Mando)	Actuation Test	Venting RR Valve
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling Reservoir Tank Using Compressor
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Mando)	Actuation Test	Venting Reservoir Tank

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RL RR Valve Using
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RL RR Valve Using Reservoir Tank
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Mando)	Actuation Test	Venting RL and RR Valve
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Mando)	Special Function	Height Sensor Calibration
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Mando)	Special Function	Height Sensor De-Calibration
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Mando)	Special Function	Air Filling/Venting
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Mando)	Special Function	Halt System Control
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Mando)	Special Function	Air Filling Setup
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Mando)	Special Function	Height Sensor Mount Angle
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Non)	Version Information	
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Non)	Read Fault Code	
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Non)	Clear Fault Memory	
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Non)	Read Data Stream	
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RL Valve Using Reservoir Tank
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RL Valve Using
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Non)	Actuation Test	Venting RL Valve
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RR Valve Using Reservoir Tank
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RR Valve Using
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Non)	Actuation Test	Venting RR Valve
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling Reservoir Tank Using Compressor
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Non)	Actuation Test	Venting Reservoir Tank

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RL RR Valve Using
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RL RR Valve Using Reservoir Tank
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Non)	Actuation Test	Venting RL and RR Valve
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Non)	Special Function	Height Sensor Calibration
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Non)	Special Function	Height Sensor De-Calibration
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Non)	Special Function	Air Filling/Venting
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Non)	Special Function	Halt System Control
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Non)	Special Function	Air Filling Setup
Mohave/Borrego(HM)	2015	General Area	Electronic Control Suspension(Non)	Special Function	Height Sensor Mount Angle
Mohave/Borrego(HM)	2015	General Area	EPS(Electronic Power Steering)	Version Information	
Mohave/Borrego(HM)	2015	General Area	EPS(Electronic Power Steering)	Read Fault Code	
Mohave/Borrego(HM)	2015	General Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Mohave/Borrego(HM)	2015	General Area	EPS(Electronic Power Steering)	Read Data Stream	
Mohave/Borrego(HM)	2015	General Area	ESP(Electronic Stability Program)	Version Information	
Mohave/Borrego(HM)	2015	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Mohave/Borrego(HM)	2015	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Mohave/Borrego(HM)	2015	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Mohave/Borrego(HM)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Mohave/Borrego(HM)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Mohave/Borrego(HM)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Mohave/Borrego(HM)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Mohave/Borrego(HM)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Mohave/Borrego(HM)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Mohave/Borrego(HM)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Mohave/Borrego(HM)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Mohave/Borrego(HM)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Mohave/Borrego(HM)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Mohave/Borrego(HM)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Mohave/Borrego(HM)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Mohave/Borrego(HM)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Mohave/Borrego(HM)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Mohave/Borrego(HM)	2015	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset
Mohave/Borrego(HM)	2015	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Mohave/Borrego(HM)	2015	General Area	IMMO(Immobilizer)	Read Data Stream	
Mohave/Borrego(HM)	2015	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Mohave/Borrego(HM)	2015	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Mohave/Borrego(HM)	2015	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Mohave/Borrego(HM)	2015	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Mohave/Borrego(HM)	2015	General Area	IMMO(Immobilizer)	Special Function	Teaching
Mohave/Borrego(HM)	2015	General Area	Smart Key	Version Information	
Mohave/Borrego(HM)	2015	General Area	Smart Key	Read Fault Code	
Mohave/Borrego(HM)	2015	General Area	Smart Key	Clear Fault Memory	

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2015	General Area	Smart Key	Read Data Stream	
Mohave/Borrego(HM)	2015	General Area	Smart Key	Actuation Test	Key Out Indicator
Mohave/Borrego(HM)	2015	General Area	Smart Key	Actuation Test	Immobilizer Indicator Lamp
Mohave/Borrego(HM)	2015	General Area	Smart Key	Actuation Test	External Buzzer Output
Mohave/Borrego(HM)	2015	General Area	Smart Key	Actuation Test	ESCL Enable(ESCL only)
Mohave/Borrego(HM)	2015	General Area	Smart Key	Actuation Test	Interior Antenna1 Active
Mohave/Borrego(HM)	2015	General Area	Smart Key	Actuation Test	Interior Antenna2 Active
Mohave/Borrego(HM)	2015	General Area	Smart Key	Actuation Test	Interior Antenna3 Active
Mohave/Borrego(HM)	2015	General Area	Smart Key	Actuation Test	Bumper Antenna Active
Mohave/Borrego(HM)	2015	General Area	Smart Key	Actuation Test	Left Door Handle Antenna
Mohave/Borrego(HM)	2015	General Area	Smart Key	Actuation Test	Passenger Door Handle Antenna Active
Mohave/Borrego(HM)	2015	General Area	Smart Key	Actuation Test	SSB LED Amber
Mohave/Borrego(HM)	2015	General Area	Smart Key	Actuation Test	SSB LED Blue/Green
Mohave/Borrego(HM)	2015	General Area	Smart Key	Actuation Test	FOB holder illumination
Mohave/Borrego(HM)	2015	General Area	Smart Key	Actuation Test	SSB illumination
Mohave/Borrego(HM)	2015	General Area	Smart Key	Actuation Test	ACC Relay
Mohave/Borrego(HM)	2015	General Area	Smart Key	Actuation Test	IGN1 Relay
Mohave/Borrego(HM)	2015	General Area	Smart Key	Actuation Test	IGN2 Relay
Mohave/Borrego(HM)	2015	General Area	Smart Key	Actuation Test	START Relay
Mohave/Borrego(HM)	2015	General Area	Smart Key	Actuation Test	Perform ESCL Open Check
Mohave/Borrego(HM)	2015	General Area	Smart Key	Special Function	Neutralization Mode
Mohave/Borrego(HM)	2015	General Area	Smart Key	Special Function	SMK Status Information

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2015	General Area	Smart Key	Special Function	ESCL Status Information
Mohave/Borrego(HM)	2015	General Area	Smart Key	Special Function	PDM Status Information
Mohave/Borrego(HM)	2015	General Area	Smart Key	Special Function	FOB KEY Status Information
Mohave/Borrego(HM)	2015	General Area	Smart Key	Special Function	Serial Communication Line Check
Mohave/Borrego(HM)	2015	General Area	Smart Key	Special Function	Antenna Status Check
Mohave/Borrego(HM)	2015	General Area	Smart Key	Special Function	Smart Key Code Saving
Mohave/Borrego(HM)	2015	General Area	Smart Key	Special Function	ESCL Open Status Check
Mohave/Borrego(HM)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Mohave/Borrego(HM)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Mohave/Borrego(HM)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Mohave/Borrego(HM)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Version Information	
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Read Fault Code	
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Read Data Stream	
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	SLO1
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	SOL2
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	SOL3
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	SOL4
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	SOL5

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	SOL6
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF 1
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	SHIFT LOCK
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	REVERSE LAMP RELAY
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-E(LC/B)
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	P' Indicator Lamp
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	R' Indicator Lamp
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	N' Indicator Lamp
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	D' Indicator Lamp
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/C)
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(4&OD/C)
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(27/B)
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(6/C)
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(8LR/B)
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid B
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid C
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid D

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid E
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	LR(L,R_B)Solenoid
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	UD(L_C)Solenoid
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	2ND(2-4_B)Solenoid
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	OD(H_C)Solenoid
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	1st Gear Lamp
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear Lamp
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear Lamp
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	4th Gear Lamp
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	5th Gear Lamp
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	6th Gear Lamp
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	7th Gear Lamp
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	8th Gear Lamp
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Hold Lamp
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Main Relay
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid A(Drive)
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid B(Reverse)(SBW)
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid(SBC)
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid A(Parking)

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid A(DRH)
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Special Function	TCU Sub Rom Reset
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Special Function	Oil-pressure Characteristics BackUp&Input(TCU Exchange)
Mohave/Borrego(HM)	2015	General Area	TCM(Transmission Control Module)	Special Function	Oil-pressure Characteristics Input(Transmission Exchange)
Mohave/Borrego(HM)	2014	General Area	AC(Air Conditioning)	Version Information	
Mohave/Borrego(HM)	2014	General Area	AC(Air Conditioning)	Read Fault Code	
Mohave/Borrego(HM)	2014	General Area	AC(Air Conditioning)	Clear Fault Memory	
Mohave/Borrego(HM)	2014	General Area	AC(Air Conditioning)	Read Data Stream	
Mohave/Borrego(HM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Mohave/Borrego(HM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Mohave/Borrego(HM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Mohave/Borrego(HM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Mohave/Borrego(HM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Mohave/Borrego(HM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Mohave/Borrego(HM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Mohave/Borrego(HM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Mohave/Borrego(HM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Mohave/Borrego(HM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-VENT
Mohave/Borrego(HM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-FLOOR
Mohave/Borrego(HM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-DEF.

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Mohave/Borrego(HM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Mohave/Borrego(HM)	2014	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Mohave/Borrego(HM)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Mohave/Borrego(HM)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Mohave/Borrego(HM)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Mohave/Borrego(HM)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Mohave/Borrego(HM)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Mohave/Borrego(HM)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	System Initialization
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Version Information	
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Read Fault Code	
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Clear Fault Memory	
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Read Data Stream	
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tilt steering colume high
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tilt steering colume low
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Telescope steering colume
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Telescope steering colume
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front Washer Switch
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Washer Switch
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp High
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp-Low
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Right Parking Lamp

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Right Fog Lamp
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Left Head Lamp High
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low-Left
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Parking Lamp-Left
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Left Fog Lamp
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal-Left
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head lamp washer relay
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Timer
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Wiper low relay
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Wiper high relay
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Horn
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Door
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Driver Scuff Lamp
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Assist Scuff Lamp
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Right Rear Scuff Lamp
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Left Rear Scuff Lamp
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Right Rear Door Power Window
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Right Rear Door Power Window Down
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Left Rear Door Power Window
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Left Rear Door Power Window Down

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Right Rear Seat Warmer Relay
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Left Rear Seat Warmer Relay
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	ATM Shift Lock Solenoid
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tailgate unlock signal output
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Defog
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Left
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp and Warning
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	License Side Marker
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Right tail lamp
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Door Lock
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Motor
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Switch Illumination
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Fuel Filler Door Solenoid
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Up
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Down
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Illumination
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	OSRVM Folding Out
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	OSRVM Unfolding Out
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Side Repeater Lamp Out
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp(ADM)
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Door Lock(ADM)
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock(ADM)
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up(ADM)
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down(ADM)
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left(ADM)
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right(ADM)
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog(ADM)
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Up(ADM)
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Down(ADM)
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	OSRVM Folding Out(ADM)
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	OSRVM Unfolding Out(ADM)
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Side Repeater Lamp Out(ADM)
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Forward
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Backward

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Indicator
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Defog Indicator
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Back Up Signal Output
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Burglar Relay
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Adjustable Pedal On/Off
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Relay
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Panel Light Trip Computer
Mohave/Borrego(HM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Mohave/Borrego(HM)	2014	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Mohave/Borrego(HM)	2014	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Mohave/Borrego(HM)	2014	General Area	Driveshaft	Version Information	
Mohave/Borrego(HM)	2014	General Area	Driveshaft	Read Fault Code	
Mohave/Borrego(HM)	2014	General Area	Driveshaft	Clear Fault Memory	
Mohave/Borrego(HM)	2014	General Area	Driveshaft	Read Data Stream	
Mohave/Borrego(HM)	2014	General Area	Driveshaft	Actuation Test	Torque Coupling Control
Mohave/Borrego(HM)	2014	General Area	Driveshaft	Special Function	Torque Coupling Control

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Version Information	
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Read Fault Code	
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Read Data Stream	
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 50%
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 78%
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 500 RPM
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 4000 RPM
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Alternator Control(Option)
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 5%(Option)
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Special Function	Fuel Line Air Remove
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Special Function	ECU Tuning Data Confirm
Mohave/Borrego(HM)	2014	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Mando)	Version Information	
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Mando)	Read Fault Code	
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Mando)	Clear Fault Memory	
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Mando)	Read Data Stream	
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RL Valve Using Reservoir Tank
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RL Valve Using
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Mando)	Actuation Test	Venting RL Valve
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RR Valve Using Reservoir Tank
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RR Valve Using
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Mando)	Actuation Test	Venting RR Valve
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling Reservoir Tank Using Compressor
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Mando)	Actuation Test	Venting Reservoir Tank
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RL RR Valve Using
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RL RR Valve Using Reservoir Tank
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Mando)	Actuation Test	Venting RL and RR Valve
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Mando)	Special Function	Height Sensor Calibration
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Mando)	Special Function	Height Sensor De-Calibration
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Mando)	Special Function	Air Filling/Venting
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Mando)	Special Function	Halt System Control
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Mando)	Special Function	Air Filling Setup
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Mando)	Special Function	Height Sensor Mount Angle

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Non)	Version Information	
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Non)	Read Fault Code	
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Non)	Clear Fault Memory	
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Non)	Read Data Stream	
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RL Valve Using Reservoir Tank
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RL Valve Using
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Non)	Actuation Test	Venting RL Valve
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RR Valve Using Reservoir Tank
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RR Valve Using
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Non)	Actuation Test	Venting RR Valve
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling Reservoir Tank Using Compressor
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Non)	Actuation Test	Venting Reservoir Tank
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RL RR Valve Using
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RL RR Valve Using Reservoir Tank
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Non)	Actuation Test	Venting RL and RR Valve
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Non)	Special Function	Height Sensor Calibration
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Non)	Special Function	Height Sensor De-Calibration
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Non)	Special Function	Air Filling/Venting
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Non)	Special Function	Halt System Control
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Non)	Special Function	Air Filling Setup
Mohave/Borrego(HM)	2014	General Area	Electronic Control Suspension(Non)	Special Function	Height Sensor Mount Angle

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2014	General Area	EPS(Electronic Power Steering)	Version Information	
Mohave/Borrego(HM)	2014	General Area	EPS(Electronic Power Steering)	Read Fault Code	
Mohave/Borrego(HM)	2014	General Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Mohave/Borrego(HM)	2014	General Area	EPS(Electronic Power Steering)	Read Data Stream	
Mohave/Borrego(HM)	2014	General Area	ESP(Electronic Stability Program)	Version Information	
Mohave/Borrego(HM)	2014	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Mohave/Borrego(HM)	2014	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Mohave/Borrego(HM)	2014	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Mohave/Borrego(HM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Mohave/Borrego(HM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Mohave/Borrego(HM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Mohave/Borrego(HM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Mohave/Borrego(HM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Mohave/Borrego(HM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Mohave/Borrego(HM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Mohave/Borrego(HM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Mohave/Borrego(HM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Mohave/Borrego(HM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Mohave/Borrego(HM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Mohave/Borrego(HM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Mohave/Borrego(HM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Mohave/Borrego(HM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Mohave/Borrego(HM)	2014	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset
Mohave/Borrego(HM)	2014	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Mohave/Borrego(HM)	2014	General Area	IMMO(Immobilizer)	Read Data Stream	
Mohave/Borrego(HM)	2014	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Mohave/Borrego(HM)	2014	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Mohave/Borrego(HM)	2014	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Mohave/Borrego(HM)	2014	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Mohave/Borrego(HM)	2014	General Area	IMMO(Immobilizer)	Special Function	Teaching
Mohave/Borrego(HM)	2014	General Area	Smart Key	Version Information	
Mohave/Borrego(HM)	2014	General Area	Smart Key	Read Fault Code	
Mohave/Borrego(HM)	2014	General Area	Smart Key	Clear Fault Memory	
Mohave/Borrego(HM)	2014	General Area	Smart Key	Read Data Stream	
Mohave/Borrego(HM)	2014	General Area	Smart Key	Actuation Test	Key Out Indicator
Mohave/Borrego(HM)	2014	General Area	Smart Key	Actuation Test	Immobilizer Indicator Lamp
Mohave/Borrego(HM)	2014	General Area	Smart Key	Actuation Test	External Buzzer Output
Mohave/Borrego(HM)	2014	General Area	Smart Key	Actuation Test	ESCL Enable(ESCL only)
Mohave/Borrego(HM)	2014	General Area	Smart Key	Actuation Test	Interior Antenna1 Active
Mohave/Borrego(HM)	2014	General Area	Smart Key	Actuation Test	Interior Antenna2 Active
Mohave/Borrego(HM)	2014	General Area	Smart Key	Actuation Test	Interior Antenna3 Active
Mohave/Borrego(HM)	2014	General Area	Smart Key	Actuation Test	Bumper Antenna Active
Mohave/Borrego(HM)	2014	General Area	Smart Key	Actuation Test	Left Door Handle Antenna

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2014	General Area	Smart Key	Actuation Test	Passenger Door Handle Antenna Active
Mohave/Borrego(HM)	2014	General Area	Smart Key	Actuation Test	SSB LED Amber
Mohave/Borrego(HM)	2014	General Area	Smart Key	Actuation Test	SSB LED Blue/Green
Mohave/Borrego(HM)	2014	General Area	Smart Key	Actuation Test	FOB holder illumination
Mohave/Borrego(HM)	2014	General Area	Smart Key	Actuation Test	SSB illumination
Mohave/Borrego(HM)	2014	General Area	Smart Key	Actuation Test	ACC Relay
Mohave/Borrego(HM)	2014	General Area	Smart Key	Actuation Test	IGN1 Relay
Mohave/Borrego(HM)	2014	General Area	Smart Key	Actuation Test	IGN2 Relay
Mohave/Borrego(HM)	2014	General Area	Smart Key	Actuation Test	START Relay
Mohave/Borrego(HM)	2014	General Area	Smart Key	Actuation Test	Perform ESCL Open Check
Mohave/Borrego(HM)	2014	General Area	Smart Key	Special Function	Neutralization Mode
Mohave/Borrego(HM)	2014	General Area	Smart Key	Special Function	SMK Status Information
Mohave/Borrego(HM)	2014	General Area	Smart Key	Special Function	ESCL Status Information
Mohave/Borrego(HM)	2014	General Area	Smart Key	Special Function	PDM Status Information
Mohave/Borrego(HM)	2014	General Area	Smart Key	Special Function	FOB KEY Status Information
Mohave/Borrego(HM)	2014	General Area	Smart Key	Special Function	Serial Communication Line Check
Mohave/Borrego(HM)	2014	General Area	Smart Key	Special Function	Antenna Status Check
Mohave/Borrego(HM)	2014	General Area	Smart Key	Special Function	Smart Key Code Saving
Mohave/Borrego(HM)	2014	General Area	Smart Key	Special Function	ESCL Open Status Check
Mohave/Borrego(HM)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Mohave/Borrego(HM)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Mohave/Borrego(HM)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Mohave/Borrego(HM)	2014	General Area	Steering	Version Information	
Mohave/Borrego(HM)	2014	General Area	Steering	Read Fault Code	
Mohave/Borrego(HM)	2014	General Area	Steering	Clear Fault Memory	
Mohave/Borrego(HM)	2014	General Area	Steering	Read Data Stream	
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Version Information	
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Read Fault Code	
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Read Data Stream	
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	SLO1
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	SOL2
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	SOL3
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	SOL4
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	SOL5
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	SOL6
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF 1
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	SHIFT LOCK
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	REVERSE LAMP RELAY
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-E(LC/B)
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	P' Indicator Lamp

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	R' Indicator Lamp
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	N' Indicator Lamp
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	D' Indicator Lamp
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/C)
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(4&OD/C)
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(27/B)
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(6/C)
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(8LR/B)
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid B
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid C
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid D
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid E
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	LR(L,R_B)Solenoid
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	UD(L_C)Solenoid
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	2ND(2-4_B)Solenoid
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	OD(H_C)Solenoid

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	1st Gear Lamp
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear Lamp
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear Lamp
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	4th Gear Lamp
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	5th Gear Lamp
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	6th Gear Lamp
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	7th Gear Lamp
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	8th Gear Lamp
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Hold Lamp
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Main Relay
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid A(Drive)
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid B(Reverse)(SBW)
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid(SBC)
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid A(Parking)
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid A(DRH)
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Special Function	TCU Sub Rom Reset
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Special Function	Oil-pressure Characteristics BackUp&Input(TCU Exchange)
Mohave/Borrego(HM)	2014	General Area	TCM(Transmission Control Module)	Special Function	Oil-pressure Characteristics Input(Transmission Exchange)

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2013	General Area	AC(Air Conditioning)	Version Information	
Mohave/Borrego(HM)	2013	General Area	AC(Air Conditioning)	Read Fault Code	
Mohave/Borrego(HM)	2013	General Area	AC(Air Conditioning)	Clear Fault Memory	
Mohave/Borrego(HM)	2013	General Area	AC(Air Conditioning)	Read Data Stream	
Mohave/Borrego(HM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Mohave/Borrego(HM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Mohave/Borrego(HM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Mohave/Borrego(HM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Mohave/Borrego(HM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Mohave/Borrego(HM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Mohave/Borrego(HM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Mohave/Borrego(HM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Mohave/Borrego(HM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Mohave/Borrego(HM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-VENT
Mohave/Borrego(HM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-FLOOR
Mohave/Borrego(HM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-DEF.
Mohave/Borrego(HM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Mohave/Borrego(HM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Mohave/Borrego(HM)	2013	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Mohave/Borrego(HM)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Mohave/Borrego(HM)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Mohave/Borrego(HM)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Mohave/Borrego(HM)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Mohave/Borrego(HM)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	System Initialization
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Version Information	
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Read Fault Code	
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Clear Fault Memory	
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Read Data Stream	
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Indicator
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Defog Indicator
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Back Up Signal Output
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Burglar Relay
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Adjustable Pedal On/Off
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Relay
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Panel Light Trip Computer
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tilt steering colume high
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tilt steering colume low
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Telescope steering colume
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Telescope steering colume

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Front Washer Switch
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Washer Switch
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp High
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp-Low
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Right Parking Lamp
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Right Fog Lamp
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Left Head Lamp High
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low-Left
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Parking Lamp-Left
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Left Fog Lamp
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal-Left
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head lamp washer relay
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Timer
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Wiper low relay
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Wiper high relay
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Horn
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Door
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Driver Scuff Lamp
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Assist Scuff Lamp
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Right Rear Scuff Lamp
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Left Rear Scuff Lamp

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Right Rear Door Power Window
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Right Rear Door Power Window Down
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Left Rear Door Power Window
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Left Rear Door Power Window Down
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Right Rear Seat Warmer Relay
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Left Rear Seat Warmer Relay
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	ATM Shift Lock Solenoid
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tailgate unlock signal output
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Defog
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Left
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp and Warning
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	License Side Marker
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Right tail lamp
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door Lock
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Motor
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Switch Illumination
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Fuel Filler Door Solenoid
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Up
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Down
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Illumination
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	OSRVM Folding Out
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	OSRVM Unfolding Out
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Side Repeater Lamp Out
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp(ADM)
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door Lock(ADM)
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock(ADM)
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up(ADM)
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down(ADM)
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left(ADM)
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right(ADM)
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog(ADM)
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Up(ADM)
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Down(ADM)
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	OSRVM Folding Out(ADM)
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	OSRVM Unfolding Out(ADM)
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Side Repeater Lamp Out(ADM)

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Forward
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Backward
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor
Mohave/Borrego(HM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Mohave/Borrego(HM)	2013	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Mohave/Borrego(HM)	2013	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Mohave/Borrego(HM)	2013	General Area	Driveshaft	Version Information	
Mohave/Borrego(HM)	2013	General Area	Driveshaft	Read Fault Code	
Mohave/Borrego(HM)	2013	General Area	Driveshaft	Clear Fault Memory	
Mohave/Borrego(HM)	2013	General Area	Driveshaft	Read Data Stream	
Mohave/Borrego(HM)	2013	General Area	Driveshaft	Actuation Test	Torque Coupling Control
Mohave/Borrego(HM)	2013	General Area	Driveshaft	Special Function	Torque Coupling Control
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Version Information	
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Read Fault Code	
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Read Data Stream	
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 50%
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 78%
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 500 RPM
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 4000 RPM

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Alternator Control(Option)
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 5%(Option)
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Special Function	Fuel Line Air Remove
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Special Function	ECU Tuning Data Confirm
Mohave/Borrego(HM)	2013	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Mando)	Version Information	
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Mando)	Read Fault Code	
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Mando)	Clear Fault Memory	
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Mando)	Read Data Stream	
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RL Valve Using Reservoir Tank
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RL Valve Using

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Mando)	Actuation Test	Venting RL Valve
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RR Valve Using Reservoir Tank
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RR Valve Using
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Mando)	Actuation Test	Venting RR Valve
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling Reservoir Tank Using Compressor
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Mando)	Actuation Test	Venting Reservoir Tank
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RL RR Valve Using
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RL RR Valve Using Reservoir Tank
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Mando)	Actuation Test	Venting RL and RR Valve
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Mando)	Special Function	Height Sensor Calibration
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Mando)	Special Function	Height Sensor De-Calibration
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Mando)	Special Function	Air Filling/Venting
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Mando)	Special Function	Halt System Control
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Mando)	Special Function	Air Filling Setup
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Mando)	Special Function	Height Sensor Mount Angle
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Non)	Version Information	
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Non)	Read Fault Code	
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Non)	Clear Fault Memory	
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Non)	Read Data Stream	
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RL Valve Using Reservoir Tank
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RL Valve Using

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Non)	Actuation Test	Venting RL Valve
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RR Valve Using Reservoir Tank
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RR Valve Using
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Non)	Actuation Test	Venting RR Valve
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling Reservoir Tank Using Compressor
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Non)	Actuation Test	Venting Reservoir Tank
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RL RR Valve Using
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RL RR Valve Using Reservoir Tank
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Non)	Actuation Test	Venting RL and RR Valve
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Non)	Special Function	Height Sensor Calibration
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Non)	Special Function	Height Sensor De-Calibration
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Non)	Special Function	Air Filling/Venting
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Non)	Special Function	Halt System Control
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Non)	Special Function	Air Filling Setup
Mohave/Borrego(HM)	2013	General Area	Electronic Control Suspension(Non)	Special Function	Height Sensor Mount Angle
Mohave/Borrego(HM)	2013	General Area	EPS(Electronic Power Steering)	Version Information	
Mohave/Borrego(HM)	2013	General Area	EPS(Electronic Power Steering)	Read Fault Code	
Mohave/Borrego(HM)	2013	General Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Mohave/Borrego(HM)	2013	General Area	EPS(Electronic Power Steering)	Read Data Stream	
Mohave/Borrego(HM)	2013	General Area	ESP(Electronic Stability Program)	Version Information	
Mohave/Borrego(HM)	2013	General Area	ESP(Electronic Stability Program)	Read Fault Code	

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2013	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Mohave/Borrego(HM)	2013	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Mohave/Borrego(HM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Mohave/Borrego(HM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Mohave/Borrego(HM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Mohave/Borrego(HM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Mohave/Borrego(HM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Mohave/Borrego(HM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Mohave/Borrego(HM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Mohave/Borrego(HM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Mohave/Borrego(HM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Mohave/Borrego(HM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Mohave/Borrego(HM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Mohave/Borrego(HM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Mohave/Borrego(HM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Mohave/Borrego(HM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Mohave/Borrego(HM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Mohave/Borrego(HM)	2013	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset
Mohave/Borrego(HM)	2013	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Mohave/Borrego(HM)	2013	General Area	IMMO(Immobilizer)	Read Data Stream	
Mohave/Borrego(HM)	2013	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2013	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Mohave/Borrego(HM)	2013	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Mohave/Borrego(HM)	2013	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Mohave/Borrego(HM)	2013	General Area	IMMO(Immobilizer)	Special Function	Teaching
Mohave/Borrego(HM)	2013	General Area	Smart Key	Version Information	
Mohave/Borrego(HM)	2013	General Area	Smart Key	Read Fault Code	
Mohave/Borrego(HM)	2013	General Area	Smart Key	Clear Fault Memory	
Mohave/Borrego(HM)	2013	General Area	Smart Key	Read Data Stream	
Mohave/Borrego(HM)	2013	General Area	Smart Key	Actuation Test	Key Out Indicator
Mohave/Borrego(HM)	2013	General Area	Smart Key	Actuation Test	Immobilizer Indicator Lamp
Mohave/Borrego(HM)	2013	General Area	Smart Key	Actuation Test	External Buzzer Output
Mohave/Borrego(HM)	2013	General Area	Smart Key	Actuation Test	ESCL Enable(ESCL only)
Mohave/Borrego(HM)	2013	General Area	Smart Key	Actuation Test	Interior Antenna1 Active
Mohave/Borrego(HM)	2013	General Area	Smart Key	Actuation Test	Interior Antenna2 Active
Mohave/Borrego(HM)	2013	General Area	Smart Key	Actuation Test	Interior Antenna3 Active
Mohave/Borrego(HM)	2013	General Area	Smart Key	Actuation Test	Bumper Antenna Active
Mohave/Borrego(HM)	2013	General Area	Smart Key	Actuation Test	Left Door Handle Antenna
Mohave/Borrego(HM)	2013	General Area	Smart Key	Actuation Test	Passenger Door Handle Antenna Active
Mohave/Borrego(HM)	2013	General Area	Smart Key	Actuation Test	SSB LED Amber
Mohave/Borrego(HM)	2013	General Area	Smart Key	Actuation Test	SSB LED Blue/Green
Mohave/Borrego(HM)	2013	General Area	Smart Key	Actuation Test	FOB holder illumination
Mohave/Borrego(HM)	2013	General Area	Smart Key	Actuation Test	SSB illumination

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2013	General Area	Smart Key	Actuation Test	ACC Relay
Mohave/Borrego(HM)	2013	General Area	Smart Key	Actuation Test	IGN1 Relay
Mohave/Borrego(HM)	2013	General Area	Smart Key	Actuation Test	IGN2 Relay
Mohave/Borrego(HM)	2013	General Area	Smart Key	Actuation Test	START Relay
Mohave/Borrego(HM)	2013	General Area	Smart Key	Actuation Test	Perform ESCL Open Check
Mohave/Borrego(HM)	2013	General Area	Smart Key	Special Function	Neutralization Mode
Mohave/Borrego(HM)	2013	General Area	Smart Key	Special Function	SMK Status Information
Mohave/Borrego(HM)	2013	General Area	Smart Key	Special Function	ESCL Status Information
Mohave/Borrego(HM)	2013	General Area	Smart Key	Special Function	PDM Status Information
Mohave/Borrego(HM)	2013	General Area	Smart Key	Special Function	FOB KEY Status Information
Mohave/Borrego(HM)	2013	General Area	Smart Key	Special Function	Serial Communication Line Check
Mohave/Borrego(HM)	2013	General Area	Smart Key	Special Function	Antenna Status Check
Mohave/Borrego(HM)	2013	General Area	Smart Key	Special Function	Smart Key Code Saving
Mohave/Borrego(HM)	2013	General Area	Smart Key	Special Function	ESCL Open Status Check
Mohave/Borrego(HM)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Mohave/Borrego(HM)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Mohave/Borrego(HM)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Mohave/Borrego(HM)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Mohave/Borrego(HM)	2013	General Area	Steering	Version Information	
Mohave/Borrego(HM)	2013	General Area	Steering	Read Fault Code	

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2013	General Area	Steering	Clear Fault Memory	
Mohave/Borrego(HM)	2013	General Area	Steering	Read Data Stream	
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Version Information	
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Read Fault Code	
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Read Data Stream	
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	SLO1
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	SOL2
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	SOL3
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	SOL4
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	SOL5
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	SOL6
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF 1
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	SHIFT LOCK
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	REVERSE LAMP RELAY
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-E(LC/B)
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	P' Indicator Lamp
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	R' Indicator Lamp
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	N' Indicator Lamp
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	D' Indicator Lamp
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/C)

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(4&OD/C)
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(27/B)
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(6/C)
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(8LR/B)
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid B
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid C
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid D
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid E
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	LR(L,R_B)Solenoid
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	UD(L_C)Solenoid
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	2ND(2-4_B)Solenoid
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	OD(H_C)Solenoid
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	1st Gear Lamp
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear Lamp
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear Lamp

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	4th Gear Lamp
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	5th Gear Lamp
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	6th Gear Lamp
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	7th Gear Lamp
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	8th Gear Lamp
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Hold Lamp
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Main Relay
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid A(Drive)
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid B(Reverse)(SBW)
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid(SBC)
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid A(Parking)
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid A(DRH)
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Special Function	TCU Sub Rom Reset
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Special Function	Oil-pressure Characteristics BackUp&Input(TCU Exchange)
Mohave/Borrego(HM)	2013	General Area	TCM(Transmission Control Module)	Special Function	Oil-pressure Characteristics Input(Transmission Exchange)
Mohave/Borrego(HM)	2012	General Area	AC(Air Conditioning)	Version Information	
Mohave/Borrego(HM)	2012	General Area	AC(Air Conditioning)	Read Fault Code	
Mohave/Borrego(HM)	2012	General Area	AC(Air Conditioning)	Clear Fault Memory	
Mohave/Borrego(HM)	2012	General Area	AC(Air Conditioning)	Read Data Stream	

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Mohave/Borrego(HM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Mohave/Borrego(HM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Mohave/Borrego(HM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Mohave/Borrego(HM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Mohave/Borrego(HM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Mohave/Borrego(HM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Mohave/Borrego(HM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Mohave/Borrego(HM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Mohave/Borrego(HM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-VENT
Mohave/Borrego(HM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-FLOOR
Mohave/Borrego(HM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-DEF.
Mohave/Borrego(HM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Mohave/Borrego(HM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Mohave/Borrego(HM)	2012	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Mohave/Borrego(HM)	2012	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Mohave/Borrego(HM)	2012	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Mohave/Borrego(HM)	2012	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Mohave/Borrego(HM)	2012	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Mohave/Borrego(HM)	2012	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Mohave/Borrego(HM)	2012	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	System Initialization
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Version Information	

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Read Fault Code	
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Clear Fault Memory	
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Read Data Stream	
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Indicator
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Defog Indicator
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Back Up Signal Output
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Burglar Relay
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Adjustable Pedal On/Off
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Relay
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Panel Light Trip Computer
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Tilt steering colume high
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Tilt steering colume low
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Telescope steering colume
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Telescope steering colume
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Front Washer Switch
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Washer Switch
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp High
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp-Low

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Right Parking Lamp
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Right Fog Lamp
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Left Head Lamp High
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low-Left
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Parking Lamp-Left
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Left Fog Lamp
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal-Left
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Head lamp washer relay
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Timer
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Wiper low relay
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Wiper high relay
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Horn
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Door
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Driver Scuff Lamp
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Assist Scuff Lamp
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Right Rear Scuff Lamp
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Left Rear Scuff Lamp
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Right Rear Door Power Window
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Right Rear Door Power Window Down
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Left Rear Door Power Window

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Left Rear Door Power Window Down
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Right Rear Seat Warmer Relay
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Left Rear Seat Warmer Relay
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	ATM Shift Lock Solenoid
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Tailgate unlock signal output
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Defog
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Left
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp and Warning
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	License Side Marker
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Right tail lamp
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Door Lock
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Motor
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Switch Illumination
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Fuel Filler Door Solenoid
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Up
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Down
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Illumination
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	OSRVM Folding Out
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	OSRVM Unfolding Out
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Side Repeater Lamp Out
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp(ADM)
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Door Lock(ADM)
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock(ADM)
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up(ADM)
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down(ADM)
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left(ADM)
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right(ADM)
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog(ADM)
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Up(ADM)
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Down(ADM)
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	OSRVM Folding Out(ADM)
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	OSRVM Unfolding Out(ADM)
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Side Repeater Lamp Out(ADM)
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Forward
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Backward

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor
Mohave/Borrego(HM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Mohave/Borrego(HM)	2012	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Mohave/Borrego(HM)	2012	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Mohave/Borrego(HM)	2012	General Area	Driveshaft	Version Information	
Mohave/Borrego(HM)	2012	General Area	Driveshaft	Read Fault Code	
Mohave/Borrego(HM)	2012	General Area	Driveshaft	Clear Fault Memory	
Mohave/Borrego(HM)	2012	General Area	Driveshaft	Read Data Stream	
Mohave/Borrego(HM)	2012	General Area	Driveshaft	Actuation Test	Torque Coupling Control
Mohave/Borrego(HM)	2012	General Area	Driveshaft	Special Function	Torque Coupling Control
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Version Information	
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Read Fault Code	
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Read Data Stream	
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	A/C COMPRESSOR
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 50%
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 78%
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 500 RPM
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 4000 RPM
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Alternator Control(Option)
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 5%(Option)
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Special Function	Fuel Line Air Remove
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Special Function	ECU Tuning Data Confirm
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Mohave/Borrego(HM)	2012	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Mando)	Version Information	
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Mando)	Read Fault Code	
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Mando)	Clear Fault Memory	
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Mando)	Read Data Stream	
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RL Valve Using Reservoir Tank
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RL Valve Using
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Mando)	Actuation Test	Venting RL Valve
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RR Valve Using Reservoir Tank
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RR Valve Using

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Mando)	Actuation Test	Venting RR Valve
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling Reservoir Tank Using Compressor
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Mando)	Actuation Test	Venting Reservoir Tank
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RL RR Valve Using
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RL RR Valve Using Reservoir Tank
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Mando)	Actuation Test	Venting RL and RR Valve
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Mando)	Special Function	Height Sensor Calibration
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Mando)	Special Function	Height Sensor De-Calibration
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Mando)	Special Function	Air Filling/Venting
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Mando)	Special Function	Halt System Control
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Mando)	Special Function	Air Filling Setup
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Mando)	Special Function	Height Sensor Mount Angle
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Non)	Version Information	
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Non)	Read Fault Code	
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Non)	Clear Fault Memory	
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Non)	Read Data Stream	
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RL Valve Using Reservoir Tank
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RL Valve Using
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Non)	Actuation Test	Venting RL Valve
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RR Valve Using Reservoir Tank
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RR Valve Using

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Non)	Actuation Test	Venting RR Valve
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling Reservoir Tank Using Compressor
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Non)	Actuation Test	Venting Reservoir Tank
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RL RR Valve Using
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RL RR Valve Using Reservoir Tank
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Non)	Actuation Test	Venting RL and RR Valve
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Non)	Special Function	Height Sensor Calibration
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Non)	Special Function	Height Sensor De-Calibration
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Non)	Special Function	Air Filling/Venting
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Non)	Special Function	Halt System Control
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Non)	Special Function	Air Filling Setup
Mohave/Borrego(HM)	2012	General Area	Electronic Control Suspension(Non)	Special Function	Height Sensor Mount Angle
Mohave/Borrego(HM)	2012	General Area	EPS(Electronic Power Steering)	Version Information	
Mohave/Borrego(HM)	2012	General Area	EPS(Electronic Power Steering)	Read Fault Code	
Mohave/Borrego(HM)	2012	General Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Mohave/Borrego(HM)	2012	General Area	EPS(Electronic Power Steering)	Read Data Stream	
Mohave/Borrego(HM)	2012	General Area	ESP(Electronic Stability Program)	Version Information	
Mohave/Borrego(HM)	2012	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Mohave/Borrego(HM)	2012	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Mohave/Borrego(HM)	2012	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Mohave/Borrego(HM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Mohave/Borrego(HM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Mohave/Borrego(HM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Mohave/Borrego(HM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Mohave/Borrego(HM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Mohave/Borrego(HM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Mohave/Borrego(HM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Mohave/Borrego(HM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Mohave/Borrego(HM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Mohave/Borrego(HM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Mohave/Borrego(HM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Mohave/Borrego(HM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Mohave/Borrego(HM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Mohave/Borrego(HM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Mohave/Borrego(HM)	2012	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset
Mohave/Borrego(HM)	2012	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Mohave/Borrego(HM)	2012	General Area	IMMO(Immobilizer)	Read Data Stream	
Mohave/Borrego(HM)	2012	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Mohave/Borrego(HM)	2012	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Mohave/Borrego(HM)	2012	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Mohave/Borrego(HM)	2012	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Mohave/Borrego(HM)	2012	General Area	IMMO(Immobilizer)	Special Function	Teaching

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2012	General Area	Smart Key	Version Information	
Mohave/Borrego(HM)	2012	General Area	Smart Key	Read Fault Code	
Mohave/Borrego(HM)	2012	General Area	Smart Key	Clear Fault Memory	
Mohave/Borrego(HM)	2012	General Area	Smart Key	Read Data Stream	
Mohave/Borrego(HM)	2012	General Area	Smart Key	Actuation Test	Key Out Indicator
Mohave/Borrego(HM)	2012	General Area	Smart Key	Actuation Test	Immobilizer Indicator Lamp
Mohave/Borrego(HM)	2012	General Area	Smart Key	Actuation Test	External Buzzer Output
Mohave/Borrego(HM)	2012	General Area	Smart Key	Actuation Test	ESCL Enable(ESCL only)
Mohave/Borrego(HM)	2012	General Area	Smart Key	Actuation Test	Interior Antenna1 Active
Mohave/Borrego(HM)	2012	General Area	Smart Key	Actuation Test	Interior Antenna2 Active
Mohave/Borrego(HM)	2012	General Area	Smart Key	Actuation Test	Interior Antenna3 Active
Mohave/Borrego(HM)	2012	General Area	Smart Key	Actuation Test	Bumper Antenna Active
Mohave/Borrego(HM)	2012	General Area	Smart Key	Actuation Test	Left Door Handle Antenna
Mohave/Borrego(HM)	2012	General Area	Smart Key	Actuation Test	Passenger Door Handle Antenna Active
Mohave/Borrego(HM)	2012	General Area	Smart Key	Actuation Test	SSB LED Amber
Mohave/Borrego(HM)	2012	General Area	Smart Key	Actuation Test	SSB LED Blue/Green
Mohave/Borrego(HM)	2012	General Area	Smart Key	Actuation Test	FOB holder illumination
Mohave/Borrego(HM)	2012	General Area	Smart Key	Actuation Test	SSB illumination
Mohave/Borrego(HM)	2012	General Area	Smart Key	Actuation Test	ACC Relay
Mohave/Borrego(HM)	2012	General Area	Smart Key	Actuation Test	IGN1 Relay
Mohave/Borrego(HM)	2012	General Area	Smart Key	Actuation Test	IGN2 Relay
Mohave/Borrego(HM)	2012	General Area	Smart Key	Actuation Test	START Relay

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2012	General Area	Smart Key	Actuation Test	Perform ESCL Open Check
Mohave/Borrego(HM)	2012	General Area	Smart Key	Special Function	Neutralization Mode
Mohave/Borrego(HM)	2012	General Area	Smart Key	Special Function	SMK Status Information
Mohave/Borrego(HM)	2012	General Area	Smart Key	Special Function	ESCL Status Information
Mohave/Borrego(HM)	2012	General Area	Smart Key	Special Function	PDM Status Information
Mohave/Borrego(HM)	2012	General Area	Smart Key	Special Function	FOB KEY Status Information
Mohave/Borrego(HM)	2012	General Area	Smart Key	Special Function	Serial Communication Line Check
Mohave/Borrego(HM)	2012	General Area	Smart Key	Special Function	Antenna Status Check
Mohave/Borrego(HM)	2012	General Area	Smart Key	Special Function	Smart Key Code Saving
Mohave/Borrego(HM)	2012	General Area	Smart Key	Special Function	ESCL Open Status Check
Mohave/Borrego(HM)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Mohave/Borrego(HM)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Mohave/Borrego(HM)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Mohave/Borrego(HM)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Version Information	
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Read Fault Code	
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Read Data Stream	
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/C)

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(4&OD/C)
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(27/B)
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(6/C)
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(8LR/B)
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid B
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid C
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid D
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid E
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	LR(L,R_B)Solenoid
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	UD(L_C)Solenoid
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	2ND(2-4_B)Solenoid
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	OD(H_C)Solenoid
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	1st Gear Lamp
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear Lamp
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear Lamp

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	4th Gear Lamp
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	5th Gear Lamp
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	6th Gear Lamp
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	7th Gear Lamp
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	8th Gear Lamp
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Hold Lamp
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Main Relay
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid A(Drive)
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid B(Reverse)(SBW)
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid(SBC)
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid A(Parking)
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid A(DRH)
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-E(LC/B)
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	P' Indicator Lamp
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	R' Indicator Lamp
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	N' Indicator Lamp
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	D' Indicator Lamp
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Reverse Lamp Relay
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	SLO1
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	SOL2
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	SOL3

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	SOL4
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	SOL5
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	SOL6
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF 1
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	SHIFT LOCK
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Special Function	Oil-pressure Characteristics BackUp&Input(TCU Exchange)
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Special Function	Oil-pressure Characteristics Input(Transmission Exchange)
Mohave/Borrego(HM)	2012	General Area	TCM(Transmission Control Module)	Special Function	TCU Sub Rom Reset
Mohave/Borrego(HM)	2011	General Area	AC(Air Conditioning)	Version Information	
Mohave/Borrego(HM)	2011	General Area	AC(Air Conditioning)	Read Fault Code	
Mohave/Borrego(HM)	2011	General Area	AC(Air Conditioning)	Clear Fault Memory	
Mohave/Borrego(HM)	2011	General Area	AC(Air Conditioning)	Read Data Stream	
Mohave/Borrego(HM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Mohave/Borrego(HM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Mohave/Borrego(HM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Mohave/Borrego(HM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Mohave/Borrego(HM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Mohave/Borrego(HM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Mohave/Borrego(HM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Mohave/Borrego(HM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Mohave/Borrego(HM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-VENT
Mohave/Borrego(HM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-FLOOR
Mohave/Borrego(HM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-DEF.
Mohave/Borrego(HM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Mohave/Borrego(HM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Mohave/Borrego(HM)	2011	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Mohave/Borrego(HM)	2011	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Mohave/Borrego(HM)	2011	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Mohave/Borrego(HM)	2011	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Mohave/Borrego(HM)	2011	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Mohave/Borrego(HM)	2011	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Mohave/Borrego(HM)	2011	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	System Initialization
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Version Information	
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Read Fault Code	
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Clear Fault Memory	
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Read Data Stream	
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Indicator
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Defog Indicator
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Back Up Signal Output
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Burglar Relay

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Adjustable Pedal On/Off
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Relay
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Panel Light Trip Computer
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Tilt steering colume high
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Tilt steering colume low
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Telescope steering colume
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Telescope steering colume
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Front Washer Switch
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Washer Switch
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp High
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp-Low
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Right Parking Lamp
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Right Fog Lamp
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Left Head Lamp High
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low-Left
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Parking Lamp-Left
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Left Fog Lamp
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal-Left

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Head lamp washer relay
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Timer
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Wiper low relay
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Wiper high relay
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Horn
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Door
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Driver Scuff Lamp
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Assist Scuff Lamp
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Right Rear Scuff Lamp
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Left Rear Scuff Lamp
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Right Rear Door Power Window
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Right Rear Door Power Window Down
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Left Rear Door Power Window
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Left Rear Door Power Window Down
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Right Rear Seat Warmer Relay
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Left Rear Seat Warmer Relay
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	ATM Shift Lock Solenoid
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Tailgate unlock signal output
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Defog

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Left
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp and Warning
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	License Side Marker
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Right tail lamp
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Door Lock
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Motor
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Switch Illumination
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Fuel Filler Door Solenoid
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Up
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Down
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Illumination
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	OSRVM Folding Out
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	OSRVM Unfolding Out
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Side Repeater Lamp Out
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp(ADM)
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Door Lock(ADM)

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock(ADM)
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up(ADM)
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down(ADM)
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left(ADM)
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right(ADM)
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog(ADM)
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Up(ADM)
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Down(ADM)
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	OSRVM Folding Out(ADM)
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	OSRVM Unfolding Out(ADM)
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Side Repeater Lamp Out(ADM)
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Forward
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Backward
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor
Mohave/Borrego(HM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Mohave/Borrego(HM)	2011	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Mohave/Borrego(HM)	2011	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Mohave/Borrego(HM)	2011	General Area	Driveshaft	Version Information	
Mohave/Borrego(HM)	2011	General Area	Driveshaft	Read Fault Code	

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2011	General Area	Driveshaft	Clear Fault Memory	
Mohave/Borrego(HM)	2011	General Area	Driveshaft	Read Data Stream	
Mohave/Borrego(HM)	2011	General Area	Driveshaft	Actuation Test	Torque Coupling Control
Mohave/Borrego(HM)	2011	General Area	Driveshaft	Special Function	Torque Coupling Control
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Version Information	
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Read Fault Code	
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Read Data Stream	
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater On(Diesel)
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	VGT Actuator
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Mohave/Borrego(HM)	2011	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Mando)	Version Information	
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Mando)	Read Fault Code	
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Mando)	Clear Fault Memory	
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Mando)	Read Data Stream	
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RL Valve Using Reservoir Tank
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RL Valve Using
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Mando)	Actuation Test	Venting RL Valve
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RR Valve Using Reservoir Tank
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RR Valve Using
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Mando)	Actuation Test	Venting RR Valve
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling Reservoir Tank Using Compressor
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Mando)	Actuation Test	Venting Reservoir Tank
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RL RR Valve Using
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RL RR Valve Using Reservoir Tank

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Mando)	Actuation Test	Venting RL and RR Valve
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Mando)	Special Function	Height Sensor Calibration
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Mando)	Special Function	Height Sensor De-Calibration
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Mando)	Special Function	Air Filling/Venting
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Mando)	Special Function	Halt System Control
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Mando)	Special Function	Air Filling Setup
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Mando)	Special Function	Height Sensor Mount Angle
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Non)	Version Information	
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Non)	Read Fault Code	
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Non)	Clear Fault Memory	
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Non)	Read Data Stream	
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RL Valve Using Reservoir Tank
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RL Valve Using
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Non)	Actuation Test	Venting RL Valve
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RR Valve Using Reservoir Tank
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RR Valve Using
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Non)	Actuation Test	Venting RR Valve
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling Reservoir Tank Using Compressor
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Non)	Actuation Test	Venting Reservoir Tank
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RL RR Valve Using
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RL RR Valve Using Reservoir Tank

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Non)	Actuation Test	Venting RL and RR Valve
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Non)	Special Function	Height Sensor Calibration
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Non)	Special Function	Height Sensor De-Calibration
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Non)	Special Function	Air Filling/Venting
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Non)	Special Function	Halt System Control
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Non)	Special Function	Air Filling Setup
Mohave/Borrego(HM)	2011	General Area	Electronic Control Suspension(Non)	Special Function	Height Sensor Mount Angle
Mohave/Borrego(HM)	2011	General Area	EPS(Electronic Power Steering)	Version Information	
Mohave/Borrego(HM)	2011	General Area	EPS(Electronic Power Steering)	Read Fault Code	
Mohave/Borrego(HM)	2011	General Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Mohave/Borrego(HM)	2011	General Area	EPS(Electronic Power Steering)	Read Data Stream	
Mohave/Borrego(HM)	2011	General Area	ESP(Electronic Stability Program)	Version Information	
Mohave/Borrego(HM)	2011	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Mohave/Borrego(HM)	2011	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Mohave/Borrego(HM)	2011	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Mohave/Borrego(HM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Mohave/Borrego(HM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Mohave/Borrego(HM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Mohave/Borrego(HM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Mohave/Borrego(HM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Mohave/Borrego(HM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Mohave/Borrego(HM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Mohave/Borrego(HM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Mohave/Borrego(HM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Mohave/Borrego(HM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Mohave/Borrego(HM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Mohave/Borrego(HM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Mohave/Borrego(HM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Mohave/Borrego(HM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Mohave/Borrego(HM)	2011	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset
Mohave/Borrego(HM)	2011	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Mohave/Borrego(HM)	2011	General Area	IMMO(Immobilizer)	Read Data Stream	
Mohave/Borrego(HM)	2011	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Mohave/Borrego(HM)	2011	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Mohave/Borrego(HM)	2011	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Mohave/Borrego(HM)	2011	General Area	IMMO(Immobilizer)	Special Function	Teaching
Mohave/Borrego(HM)	2011	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Mohave/Borrego(HM)	2011	General Area	Smart Key	Version Information	
Mohave/Borrego(HM)	2011	General Area	Smart Key	Read Fault Code	
Mohave/Borrego(HM)	2011	General Area	Smart Key	Clear Fault Memory	
Mohave/Borrego(HM)	2011	General Area	Smart Key	Read Data Stream	
Mohave/Borrego(HM)	2011	General Area	Smart Key	Actuation Test	SSB LED Amber
Mohave/Borrego(HM)	2011	General Area	Smart Key	Actuation Test	SSB LED Blue/Green

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2011	General Area	Smart Key	Actuation Test	FOB holder illumination
Mohave/Borrego(HM)	2011	General Area	Smart Key	Actuation Test	SSB illumination
Mohave/Borrego(HM)	2011	General Area	Smart Key	Actuation Test	ACC Relay
Mohave/Borrego(HM)	2011	General Area	Smart Key	Actuation Test	IGN1 Relay
Mohave/Borrego(HM)	2011	General Area	Smart Key	Actuation Test	IGN2 Relay
Mohave/Borrego(HM)	2011	General Area	Smart Key	Actuation Test	START Relay
Mohave/Borrego(HM)	2011	General Area	Smart Key	Actuation Test	Perform ESCL Open Check
Mohave/Borrego(HM)	2011	General Area	Smart Key	Actuation Test	Key Out Indicator
Mohave/Borrego(HM)	2011	General Area	Smart Key	Actuation Test	Immobilizer Indicator Lamp
Mohave/Borrego(HM)	2011	General Area	Smart Key	Actuation Test	External Buzzer Output
Mohave/Borrego(HM)	2011	General Area	Smart Key	Actuation Test	ESCL Enable(ESCL only)
Mohave/Borrego(HM)	2011	General Area	Smart Key	Actuation Test	Interior Antenna1 Active
Mohave/Borrego(HM)	2011	General Area	Smart Key	Actuation Test	Interior Antenna2 Active
Mohave/Borrego(HM)	2011	General Area	Smart Key	Actuation Test	Interior Antenna3 Active
Mohave/Borrego(HM)	2011	General Area	Smart Key	Actuation Test	Bumper Antenna Active
Mohave/Borrego(HM)	2011	General Area	Smart Key	Actuation Test	Left Door Handle Antenna
Mohave/Borrego(HM)	2011	General Area	Smart Key	Actuation Test	Passenger Door Handle Antenna Active
Mohave/Borrego(HM)	2011	General Area	Smart Key	Special Function	ESCL Open Status Check
Mohave/Borrego(HM)	2011	General Area	Smart Key	Special Function	Neutralization Mode
Mohave/Borrego(HM)	2011	General Area	Smart Key	Special Function	SMK Status Information
Mohave/Borrego(HM)	2011	General Area	Smart Key	Special Function	ESCL Status Information
Mohave/Borrego(HM)	2011	General Area	Smart Key	Special Function	PDM Status Information

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2011	General Area	Smart Key	Special Function	FOB KEY Status Information
Mohave/Borrego(HM)	2011	General Area	Smart Key	Special Function	Serial Communication Line Check
Mohave/Borrego(HM)	2011	General Area	Smart Key	Special Function	Antenna Status Check
Mohave/Borrego(HM)	2011	General Area	Smart Key	Special Function	Smart Key Code Saving
Mohave/Borrego(HM)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Mohave/Borrego(HM)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Mohave/Borrego(HM)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Mohave/Borrego(HM)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Mohave/Borrego(HM)	2011	General Area	TCM(Transmission Control Module)	Version Information	
Mohave/Borrego(HM)	2011	General Area	TCM(Transmission Control Module)	Read Fault Code	
Mohave/Borrego(HM)	2011	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Mohave/Borrego(HM)	2011	General Area	TCM(Transmission Control Module)	Read Data Stream	
Mohave/Borrego(HM)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	SLO1
Mohave/Borrego(HM)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	SOL2
Mohave/Borrego(HM)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	SOL3
Mohave/Borrego(HM)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	SOL4
Mohave/Borrego(HM)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	SOL5
Mohave/Borrego(HM)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	SOL6
Mohave/Borrego(HM)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF 1
Mohave/Borrego(HM)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	SHIFT LOCK

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	REVERSE LAMP RELAY
Mohave/Borrego(HM)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-E(LC/B)
Mohave/Borrego(HM)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	P' Indicator Lamp
Mohave/Borrego(HM)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	R' Indicator Lamp
Mohave/Borrego(HM)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	N' Indicator Lamp
Mohave/Borrego(HM)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	D' Indicator Lamp
Mohave/Borrego(HM)	2011	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Mohave/Borrego(HM)	2011	General Area	TCM(Transmission Control Module)	Special Function	TCU Sub Rom Reset
Mohave/Borrego(HM)	2010	General Area	AC(Air Conditioning)	Version Information	
Mohave/Borrego(HM)	2010	General Area	AC(Air Conditioning)	Read Fault Code	
Mohave/Borrego(HM)	2010	General Area	AC(Air Conditioning)	Clear Fault Memory	
Mohave/Borrego(HM)	2010	General Area	AC(Air Conditioning)	Read Data Stream	
Mohave/Borrego(HM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Mohave/Borrego(HM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Mohave/Borrego(HM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Mohave/Borrego(HM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Mohave/Borrego(HM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Mohave/Borrego(HM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Mohave/Borrego(HM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Mohave/Borrego(HM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Mohave/Borrego(HM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Mohave/Borrego(HM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-VENT

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-FLOOR
Mohave/Borrego(HM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-DEF.
Mohave/Borrego(HM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Mohave/Borrego(HM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Mohave/Borrego(HM)	2010	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Mohave/Borrego(HM)	2010	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Mohave/Borrego(HM)	2010	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Mohave/Borrego(HM)	2010	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Mohave/Borrego(HM)	2010	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Mohave/Borrego(HM)	2010	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Mohave/Borrego(HM)	2010	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	System Initialization
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Version Information	
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Read Fault Code	
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Clear Fault Memory	
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Read Data Stream	
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Indicator
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Rear Defog Indicator
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Back Up Signal Output
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Burglar Relay
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Adjustable Pedal On/Off

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Relay
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Panel Light Trip Computer
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Tilt steering colume high
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Tilt steering colume low
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Telescope steering colume
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Telescope steering colume
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Front Washer Switch
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Rear Washer Switch
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp High
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp-Low
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Right Parking Lamp
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Right Fog Lamp
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Left Head Lamp High
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low-Left
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Parking Lamp-Left
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Left Fog Lamp
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal-Left
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Head lamp washer relay
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Timer
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Wiper low relay

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Wiper high relay
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Horn
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Door
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Driver Scuff Lamp
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Assist Scuff Lamp
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Right Rear Scuff Lamp
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Left Rear Scuff Lamp
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Right Rear Door Power Window
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Right Rear Door Power Window Down
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Left Rear Door Power Window
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Left Rear Door Power Window Down
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Right Rear Seat Warmer Relay
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Left Rear Seat Warmer Relay
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	ATM Shift Lock Solenoid
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Tailgate unlock signal output
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Rear Defog
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Left
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp and Warning
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	License Side Marker

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Right tail lamp
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Door Lock
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Motor
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Rear Switch Illumination
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Fuel Filler Door Solenoid
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Up
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Down
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Illumination
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	OSRVM Folding Out
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	OSRVM Unfolding Out
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Side Repeater Lamp Out
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp(ADM)
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Door Lock(ADM)
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock(ADM)
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up(ADM)
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down(ADM)

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left(ADM)
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right(ADM)
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog(ADM)
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Up(ADM)
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Down(ADM)
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	OSRVM Folding Out(ADM)
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	OSRVM Unfolding Out(ADM)
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Side Repeater Lamp Out(ADM)
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Forward
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Backward
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor
Mohave/Borrego(HM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Mohave/Borrego(HM)	2010	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Mohave/Borrego(HM)	2010	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Mohave/Borrego(HM)	2010	General Area	Driveshaft	Version Information	
Mohave/Borrego(HM)	2010	General Area	Driveshaft	Read Fault Code	
Mohave/Borrego(HM)	2010	General Area	Driveshaft	Clear Fault Memory	
Mohave/Borrego(HM)	2010	General Area	Driveshaft	Read Data Stream	
Mohave/Borrego(HM)	2010	General Area	Driveshaft	Actuation Test	Torque Coupling Control

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2010	General Area	Driveshaft	Special Function	Torque Coupling Control
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Version Information	
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Read Fault Code	
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Read Data Stream	
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater On(Diesel)
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	VGT Actuator
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Special Function	Read VIN

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Mohave/Borrego(HM)	2010	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Mando)	Version Information	
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Mando)	Read Fault Code	
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Mando)	Clear Fault Memory	
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Mando)	Read Data Stream	
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RL Valve Using Reservoir Tank
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RL Valve Using
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Mando)	Actuation Test	Venting RL Valve
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RR Valve Using Reservoir Tank
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RR Valve Using
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Mando)	Actuation Test	Venting RR Valve
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling Reservoir Tank Using Compressor
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Mando)	Actuation Test	Venting Reservoir Tank
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RL RR Valve Using
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RL RR Valve Using Reservoir Tank
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Mando)	Actuation Test	Venting RL and RR Valve
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Mando)	Special Function	Height Sensor Calibration
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Mando)	Special Function	Height Sensor De-Calibration

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Mando)	Special Function	Air Filling/Venting
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Mando)	Special Function	Halt System Control
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Mando)	Special Function	Air Filling Setup
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Mando)	Special Function	Height Sensor Mount Angle
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Non)	Version Information	
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Non)	Read Fault Code	
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Non)	Clear Fault Memory	
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Non)	Read Data Stream	
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RL Valve Using Reservoir Tank
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RL Valve Using
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Non)	Actuation Test	Venting RL Valve
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RR Valve Using Reservoir Tank
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RR Valve Using
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Non)	Actuation Test	Venting RR Valve
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling Reservoir Tank Using Compressor
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Non)	Actuation Test	Venting Reservoir Tank
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RL RR Valve Using
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RL RR Valve Using Reservoir Tank
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Non)	Actuation Test	Venting RL and RR Valve
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Non)	Special Function	Height Sensor Calibration
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Non)	Special Function	Height Sensor De-Calibration

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Non)	Special Function	Air Filling/Venting
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Non)	Special Function	Halt System Control
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Non)	Special Function	Air Filling Setup
Mohave/Borrego(HM)	2010	General Area	Electronic Control Suspension(Non)	Special Function	Height Sensor Mount Angle
Mohave/Borrego(HM)	2010	General Area	EPS(Electronic Power Steering)	Version Information	
Mohave/Borrego(HM)	2010	General Area	EPS(Electronic Power Steering)	Read Fault Code	
Mohave/Borrego(HM)	2010	General Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Mohave/Borrego(HM)	2010	General Area	EPS(Electronic Power Steering)	Read Data Stream	
Mohave/Borrego(HM)	2010	General Area	ESP(Electronic Stability Program)	Version Information	
Mohave/Borrego(HM)	2010	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Mohave/Borrego(HM)	2010	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Mohave/Borrego(HM)	2010	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Mohave/Borrego(HM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Mohave/Borrego(HM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Mohave/Borrego(HM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Mohave/Borrego(HM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Mohave/Borrego(HM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Mohave/Borrego(HM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Mohave/Borrego(HM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Mohave/Borrego(HM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Mohave/Borrego(HM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Mohave/Borrego(HM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Mohave/Borrego(HM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Mohave/Borrego(HM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Mohave/Borrego(HM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Mohave/Borrego(HM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Mohave/Borrego(HM)	2010	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset
Mohave/Borrego(HM)	2010	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Mohave/Borrego(HM)	2010	General Area	IMMO(Immobilizer)	Read Data Stream	
Mohave/Borrego(HM)	2010	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Mohave/Borrego(HM)	2010	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Mohave/Borrego(HM)	2010	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Mohave/Borrego(HM)	2010	General Area	IMMO(Immobilizer)	Special Function	Teaching
Mohave/Borrego(HM)	2010	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Mohave/Borrego(HM)	2010	General Area	Smart Key	Version Information	
Mohave/Borrego(HM)	2010	General Area	Smart Key	Read Fault Code	
Mohave/Borrego(HM)	2010	General Area	Smart Key	Clear Fault Memory	
Mohave/Borrego(HM)	2010	General Area	Smart Key	Read Data Stream	
Mohave/Borrego(HM)	2010	General Area	Smart Key	Actuation Test	Key Out Indicator
Mohave/Borrego(HM)	2010	General Area	Smart Key	Actuation Test	Immobilizer Indicator Lamp
Mohave/Borrego(HM)	2010	General Area	Smart Key	Actuation Test	External Buzzer Output
Mohave/Borrego(HM)	2010	General Area	Smart Key	Actuation Test	ESCL Enable(ESCL only)
Mohave/Borrego(HM)	2010	General Area	Smart Key	Actuation Test	Interior Antenna1 Active

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2010	General Area	Smart Key	Actuation Test	Interior Antenna2 Active
Mohave/Borrego(HM)	2010	General Area	Smart Key	Actuation Test	Interior Antenna3 Active
Mohave/Borrego(HM)	2010	General Area	Smart Key	Actuation Test	Bumper Antenna Active
Mohave/Borrego(HM)	2010	General Area	Smart Key	Actuation Test	Left Door Handle Antenna
Mohave/Borrego(HM)	2010	General Area	Smart Key	Actuation Test	Passenger Door Handle Antenna Active
Mohave/Borrego(HM)	2010	General Area	Smart Key	Actuation Test	SSB LED Amber
Mohave/Borrego(HM)	2010	General Area	Smart Key	Actuation Test	SSB LED Blue/Green
Mohave/Borrego(HM)	2010	General Area	Smart Key	Actuation Test	FOB holder illumination
Mohave/Borrego(HM)	2010	General Area	Smart Key	Actuation Test	SSB illumination
Mohave/Borrego(HM)	2010	General Area	Smart Key	Actuation Test	ACC Relay
Mohave/Borrego(HM)	2010	General Area	Smart Key	Actuation Test	IGN1 Relay
Mohave/Borrego(HM)	2010	General Area	Smart Key	Actuation Test	IGN2 Relay
Mohave/Borrego(HM)	2010	General Area	Smart Key	Actuation Test	START Relay
Mohave/Borrego(HM)	2010	General Area	Smart Key	Actuation Test	Perform ESCL Open Check
Mohave/Borrego(HM)	2010	General Area	Smart Key	Special Function	Neutralization Mode
Mohave/Borrego(HM)	2010	General Area	Smart Key	Special Function	SMK Status Information
Mohave/Borrego(HM)	2010	General Area	Smart Key	Special Function	ESCL Status Information
Mohave/Borrego(HM)	2010	General Area	Smart Key	Special Function	PDM Status Information
Mohave/Borrego(HM)	2010	General Area	Smart Key	Special Function	FOB KEY Status Information
Mohave/Borrego(HM)	2010	General Area	Smart Key	Special Function	Serial Communication Line Check
Mohave/Borrego(HM)	2010	General Area	Smart Key	Special Function	Antenna Status Check
Mohave/Borrego(HM)	2010	General Area	Smart Key	Special Function	Smart Key Code Saving

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2010	General Area	Smart Key	Special Function	ESCL Open Status Check
Mohave/Borrego(HM)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Mohave/Borrego(HM)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Mohave/Borrego(HM)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Mohave/Borrego(HM)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Mohave/Borrego(HM)	2010	General Area	TCM(Transmission Control Module)	Version Information	
Mohave/Borrego(HM)	2010	General Area	TCM(Transmission Control Module)	Read Fault Code	
Mohave/Borrego(HM)	2010	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Mohave/Borrego(HM)	2010	General Area	TCM(Transmission Control Module)	Read Data Stream	
Mohave/Borrego(HM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	SLO1
Mohave/Borrego(HM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	SOL2
Mohave/Borrego(HM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	SOL3
Mohave/Borrego(HM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	SOL4
Mohave/Borrego(HM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	SOL5
Mohave/Borrego(HM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	SOL6
Mohave/Borrego(HM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF 1
Mohave/Borrego(HM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	SHIFT LOCK
Mohave/Borrego(HM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	REVERSE LAMP RELAY
Mohave/Borrego(HM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-E(LC/B)
Mohave/Borrego(HM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	P' Indicator Lamp

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	R' Indicator Lamp
Mohave/Borrego(HM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	N' Indicator Lamp
Mohave/Borrego(HM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	D' Indicator Lamp
Mohave/Borrego(HM)	2010	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Mohave/Borrego(HM)	2010	General Area	TCM(Transmission Control Module)	Special Function	TCU Sub Rom Reset
Mohave/Borrego(HM)	2009	General Area	AC(Air Conditioning)	Version Information	
Mohave/Borrego(HM)	2009	General Area	AC(Air Conditioning)	Read Fault Code	
Mohave/Borrego(HM)	2009	General Area	AC(Air Conditioning)	Clear Fault Memory	
Mohave/Borrego(HM)	2009	General Area	AC(Air Conditioning)	Read Data Stream	
Mohave/Borrego(HM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Mohave/Borrego(HM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Mohave/Borrego(HM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Mohave/Borrego(HM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Mohave/Borrego(HM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Mohave/Borrego(HM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Mohave/Borrego(HM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Mohave/Borrego(HM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Mohave/Borrego(HM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Mohave/Borrego(HM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-VENT
Mohave/Borrego(HM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-FLOOR
Mohave/Borrego(HM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-DEF.
Mohave/Borrego(HM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Mohave/Borrego(HM)	2009	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Mohave/Borrego(HM)	2009	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Mohave/Borrego(HM)	2009	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Mohave/Borrego(HM)	2009	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Mohave/Borrego(HM)	2009	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Mohave/Borrego(HM)	2009	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Mohave/Borrego(HM)	2009	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	System Initialization
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Version Information	
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Read Fault Code	
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Clear Fault Memory	
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Read Data Stream	
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Indicator
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Rear Defog Indicator
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Back Up Signal Output
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Burglar Relay
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Adjustable Pedal On/Off
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Relay
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Panel Light Trip Computer

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Tilt steering colume high
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Tilt steering colume low
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Telescope steering colume
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Telescope steering colume
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Front Washer Switch
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Rear Washer Switch
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp High
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp-Low
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Right Parking Lamp
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Right Fog Lamp
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Left Head Lamp High
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low-Left
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Parking Lamp-Left
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Left Fog Lamp
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal-Left
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Head lamp washer relay
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Timer
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Wiper low relay
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Wiper high relay
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Horn
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Door

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Driver Scuff Lamp
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Assist Scuff Lamp
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Right Rear Scuff Lamp
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Left Rear Scuff Lamp
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Right Rear Door Power Window
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Right Rear Door Power Window Down
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Left Rear Door Power Window
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Left Rear Door Power Window Down
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Right Rear Seat Warmer Relay
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Left Rear Seat Warmer Relay
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	ATM Shift Lock Solenoid
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Tailgate unlock signal output
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Rear Defog
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Left
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp and Warning
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	License Side Marker
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Right tail lamp
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Door Lock
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Motor
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Rear Switch Illumination
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Fuel Filler Door Solenoid
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Up
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Down
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Illumination
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	OSRVM Folding Out
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	OSRVM Unfolding Out
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Side Repeater Lamp Out
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp(ADM)
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Door Lock(ADM)
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock(ADM)
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up(ADM)
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down(ADM)
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left(ADM)
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right(ADM)
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog(ADM)

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Up(ADM)
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Power Window-Down(ADM)
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	OSRVM Folding Out(ADM)
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	OSRVM Unfolding Out(ADM)
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Side Repeater Lamp Out(ADM)
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Forward
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Backward
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor
Mohave/Borrego(HM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Mohave/Borrego(HM)	2009	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Mohave/Borrego(HM)	2009	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Mohave/Borrego(HM)	2009	General Area	Driveshaft	Version Information	
Mohave/Borrego(HM)	2009	General Area	Driveshaft	Read Fault Code	
Mohave/Borrego(HM)	2009	General Area	Driveshaft	Clear Fault Memory	
Mohave/Borrego(HM)	2009	General Area	Driveshaft	Read Data Stream	
Mohave/Borrego(HM)	2009	General Area	Driveshaft	Actuation Test	Torque Coupling Control
Mohave/Borrego(HM)	2009	General Area	Driveshaft	Special Function	Torque Coupling Control
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Version Information	
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Read Data Stream	
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater On(Diesel)
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	VGT Actuator
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2009	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Mando)	Version Information	
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Mando)	Read Fault Code	
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Mando)	Clear Fault Memory	
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Mando)	Read Data Stream	
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RL Valve Using Reservoir Tank
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RL Valve Using
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Mando)	Actuation Test	Venting RL Valve
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RR Valve Using Reservoir Tank
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RR Valve Using
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Mando)	Actuation Test	Venting RR Valve
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling Reservoir Tank Using Compressor
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Mando)	Actuation Test	Venting Reservoir Tank
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RL RR Valve Using
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Mando)	Actuation Test	Filling RL RR Valve Using Reservoir Tank
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Mando)	Actuation Test	Venting RL and RR Valve
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Mando)	Special Function	Height Sensor Calibration
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Mando)	Special Function	Height Sensor De-Calibration
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Mando)	Special Function	Air Filling/Venting
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Mando)	Special Function	Halt System Control
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Mando)	Special Function	Air Filling Setup

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Mando)	Special Function	Height Sensor Mount Angle
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Non)	Version Information	
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Non)	Read Fault Code	
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Non)	Clear Fault Memory	
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Non)	Read Data Stream	
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RL Valve Using Reservoir Tank
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RL Valve Using
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Non)	Actuation Test	Venting RL Valve
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RR Valve Using Reservoir Tank
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RR Valve Using
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Non)	Actuation Test	Venting RR Valve
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling Reservoir Tank Using Compressor
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Non)	Actuation Test	Venting Reservoir Tank
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RL RR Valve Using
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Non)	Actuation Test	Filling RL RR Valve Using Reservoir Tank
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Non)	Actuation Test	Venting RL and RR Valve
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Non)	Special Function	Height Sensor Calibration
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Non)	Special Function	Height Sensor De-Calibration
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Non)	Special Function	Air Filling/Venting
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Non)	Special Function	Halt System Control
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Non)	Special Function	Air Filling Setup

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2009	General Area	Electronic Control Suspension(Non)	Special Function	Height Sensor Mount Angle
Mohave/Borrego(HM)	2009	General Area	EPS(Electronic Power Steering)	Version Information	
Mohave/Borrego(HM)	2009	General Area	EPS(Electronic Power Steering)	Read Fault Code	
Mohave/Borrego(HM)	2009	General Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Mohave/Borrego(HM)	2009	General Area	EPS(Electronic Power Steering)	Read Data Stream	
Mohave/Borrego(HM)	2009	General Area	ESP(Electronic Stability Program)	Version Information	
Mohave/Borrego(HM)	2009	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Mohave/Borrego(HM)	2009	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Mohave/Borrego(HM)	2009	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Mohave/Borrego(HM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Mohave/Borrego(HM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Mohave/Borrego(HM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Mohave/Borrego(HM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Mohave/Borrego(HM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Mohave/Borrego(HM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Mohave/Borrego(HM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Mohave/Borrego(HM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Mohave/Borrego(HM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Mohave/Borrego(HM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Mohave/Borrego(HM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Mohave/Borrego(HM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Mohave/Borrego(HM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Mohave/Borrego(HM)	2009	General Area	ESP(Electronic Stability Program)	Special Function	Steering Angle Sensor

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2009	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Mohave/Borrego(HM)	2009	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset
Mohave/Borrego(HM)	2009	General Area	IMMO(Immobilizer)	Read Data Stream	
Mohave/Borrego(HM)	2009	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Mohave/Borrego(HM)	2009	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Mohave/Borrego(HM)	2009	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Mohave/Borrego(HM)	2009	General Area	IMMO(Immobilizer)	Special Function	Teaching
Mohave/Borrego(HM)	2009	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Mohave/Borrego(HM)	2009	General Area	Smart Key	Version Information	
Mohave/Borrego(HM)	2009	General Area	Smart Key	Read Fault Code	
Mohave/Borrego(HM)	2009	General Area	Smart Key	Clear Fault Memory	
Mohave/Borrego(HM)	2009	General Area	Smart Key	Read Data Stream	
Mohave/Borrego(HM)	2009	General Area	Smart Key	Actuation Test	Key Out Indicator
Mohave/Borrego(HM)	2009	General Area	Smart Key	Actuation Test	Immobilizer Indicator Lamp
Mohave/Borrego(HM)	2009	General Area	Smart Key	Actuation Test	External Buzzer Output
Mohave/Borrego(HM)	2009	General Area	Smart Key	Actuation Test	ESCL Enable(ESCL only)
Mohave/Borrego(HM)	2009	General Area	Smart Key	Actuation Test	Interior Antenna1 Active
Mohave/Borrego(HM)	2009	General Area	Smart Key	Actuation Test	Interior Antenna2 Active
Mohave/Borrego(HM)	2009	General Area	Smart Key	Actuation Test	Interior Antenna3 Active
Mohave/Borrego(HM)	2009	General Area	Smart Key	Actuation Test	Bumper Antenna Active
Mohave/Borrego(HM)	2009	General Area	Smart Key	Actuation Test	Left Door Handle Antenna
Mohave/Borrego(HM)	2009	General Area	Smart Key	Actuation Test	Passenger Door Handle Antenna Active

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2009	General Area	Smart Key	Actuation Test	SSB LED Amber
Mohave/Borrego(HM)	2009	General Area	Smart Key	Actuation Test	SSB LED Blue/Green
Mohave/Borrego(HM)	2009	General Area	Smart Key	Actuation Test	FOB holder illumination
Mohave/Borrego(HM)	2009	General Area	Smart Key	Actuation Test	SSB illumination
Mohave/Borrego(HM)	2009	General Area	Smart Key	Actuation Test	ACC Relay
Mohave/Borrego(HM)	2009	General Area	Smart Key	Actuation Test	IGN1 Relay
Mohave/Borrego(HM)	2009	General Area	Smart Key	Actuation Test	IGN2 Relay
Mohave/Borrego(HM)	2009	General Area	Smart Key	Actuation Test	START Relay
Mohave/Borrego(HM)	2009	General Area	Smart Key	Actuation Test	Perform ESCL Open Check
Mohave/Borrego(HM)	2009	General Area	Smart Key	Special Function	Neutralization Mode
Mohave/Borrego(HM)	2009	General Area	Smart Key	Special Function	SMK Status Information
Mohave/Borrego(HM)	2009	General Area	Smart Key	Special Function	ESCL Status Information
Mohave/Borrego(HM)	2009	General Area	Smart Key	Special Function	PDM Status Information
Mohave/Borrego(HM)	2009	General Area	Smart Key	Special Function	FOB KEY Status Information
Mohave/Borrego(HM)	2009	General Area	Smart Key	Special Function	Serial Communication Line Check
Mohave/Borrego(HM)	2009	General Area	Smart Key	Special Function	Antenna Status Check
Mohave/Borrego(HM)	2009	General Area	Smart Key	Special Function	Smart Key Code Saving
Mohave/Borrego(HM)	2009	General Area	Smart Key	Special Function	ESCL Open Status Check
Mohave/Borrego(HM)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Mohave/Borrego(HM)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Mohave/Borrego(HM)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Mohave/Borrego(HM)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Mohave/Borrego(HM)	2009	General Area	TCM(Transmission Control Module)	Version Information	
Mohave/Borrego(HM)	2009	General Area	TCM(Transmission Control Module)	Read Fault Code	
Mohave/Borrego(HM)	2009	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Mohave/Borrego(HM)	2009	General Area	TCM(Transmission Control Module)	Read Data Stream	
Mohave/Borrego(HM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	SLO1
Mohave/Borrego(HM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	SOL2
Mohave/Borrego(HM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	SOL3
Mohave/Borrego(HM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	SOL4
Mohave/Borrego(HM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	SOL5
Mohave/Borrego(HM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	SOL6
Mohave/Borrego(HM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF 1
Mohave/Borrego(HM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	SHIFT LOCK
Mohave/Borrego(HM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	REVERSE LAMP RELAY
Mohave/Borrego(HM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-E(LC/B)
Mohave/Borrego(HM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	P' Indicator Lamp
Mohave/Borrego(HM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	R' Indicator Lamp
Mohave/Borrego(HM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	N' Indicator Lamp
Mohave/Borrego(HM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	D' Indicator Lamp
Mohave/Borrego(HM)	2009	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Mohave/Borrego(HM)	2009	General Area	TCM(Transmission Control Module)	Special Function	TCU Sub Rom Reset
Opirus(GH)	2010	General Area	AC(Air Conditioning)	Version	
Opirus(GH)	2010	General Area	AC(Air Conditioning)	Read Fault Code	

model	year	area	system	function	subfunction
Opirus(GH)	2010	General Area	AC(Air Conditioning)	Clear Fault	
Opirus(GH)	2010	General Area	AC(Air Conditioning)	Read Data	
Opirus(GH)	2010	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Opirus(GH)	2010	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Opirus(GH)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Opirus(GH)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Opirus(GH)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Opirus(GH)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Opirus(GH)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Opirus(GH)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Opirus(GH)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Opirus(GH)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Opirus(GH)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Opirus(GH)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Opirus(GH)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Opirus(GH)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Opirus(GH)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Opirus(GH)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Opirus(GH)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Opirus(GH)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Opirus(GH)	2010	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Opirus(GH)	2010	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Opirus(GH)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Opirus(GH)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close

model	year	area	system	function	subfunction
Opirus(GH)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Opirus(GH)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Opirus(GH)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Opirus(GH)	2010	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Opirus(GH)	2010	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Opirus(GH)	2010	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Opirus(GH)	2010	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Opirus(GH)	2010	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Version Information	
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Read Fault Code	
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Clear Fault Memory	
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Read Data Stream	
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	SLIDE POWER SEAT FORWARD
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	SLIDE POWER SEAT BACKWARD
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	RECLINE POWER SEAT FORWARD
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	RECLINE POWER SEAT BACKWARD
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	POWER SEAT FRONT HEIGHT
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	POWER SEAT FRONT HEIGHT DOWN
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	POWER SEAT REAR HEIGHT UP
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	POWER SEAT REAR HEIGHT
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	TAIL LAMP
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	HEADLAMP LOW

model	year	area	system	function	subfunction
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	HEADLAMP HIGH
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	HEADLAMP HIGH INDICATOR
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	FRONT FOG LAMP
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	FRONT FOG LAMP INDICATOR
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	WIPER LOW RELAY
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	WIPER HIGH RELAY
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	DEFROSTER RELAY
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	TRUNK OPEN
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	HORN
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	ROOM LAMP
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	HAZARD LAMP
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	LEFT DIRECTION LAMP
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	RIGHT DIRECTION LAMP
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	CHIME BELL
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	KEY HOLE INLLUMINATOR
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	SEAT BELT INDICATOR
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	IMMOBILIZER INDICATOR
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	CENTRAL DOOR LOCK
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	CENTRAL DOOR UNLOCK
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	DRIVER POWER WINDOW AUTO
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	DRIVER POWER WINDOW AUTO DOWN
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	DRIVER REAR POWER WINDOW AUTO UP

model	year	area	system	function	subfunction
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	DRIVER REAR POWER WINDOW AUTO DOWN
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR UP POSITION
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR DOWN POSITION
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR LEFT POSITION
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR RIGHT POSITION
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR UNFOLDING
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	PSNGER POWER WINDOW AUTO
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	PSNGER POWER WINDOW AUTO DOWN
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	PSNGER REAR POWER WINDOW AUTO UP
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	PSNGER REAR POWER WINDOW AUTO DOWN
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR UP POSITION
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR DOWN POSITION
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR LEFT POSITION
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR RIGHT POSITION
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR

model	year	area	system	function	subfunction
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR UNFOLDING
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	STEERING COLUMN
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	STEERING COLUMN
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	STEERING COLUMN SHORT(TELESCOP
Opirus(GH)	2010	General Area	BCM(Body Control Module)	Actuation Test	STEERING COLUMN
Opirus(GH)	2010	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Opirus(GH)	2010	General Area	CODE(Transmitter Code Saving)	Special Function	Register Transmitter
Opirus(GH)	2010	General Area	ECM(Engine Control Module)	Version Information	
Opirus(GH)	2010	General Area	ECM(Engine Control Module)	Read Fault Code	
Opirus(GH)	2010	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Opirus(GH)	2010	General Area	ECM(Engine Control Module)	Read Data Stream	
Opirus(GH)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Opirus(GH)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Opirus(GH)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Opirus(GH)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Opirus(GH)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Opirus(GH)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Opirus(GH)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Opirus(GH)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Opirus(GH)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Opirus(GH)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Opirus(GH)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM

model	year	area	system	function	subfunction
Opirus(GH)	2010	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Opirus(GH)	2010	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Opirus(GH)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Opirus(GH)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Opirus(GH)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Opirus(GH)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Opirus(GH)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Opirus(GH)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Opirus(GH)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Opirus(GH)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Opirus(GH)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Opirus(GH)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Opirus(GH)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Opirus(GH)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Opirus(GH)	2010	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Opirus(GH)	2010	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Opirus(GH)	2010	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Opirus(GH)	2010	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Opirus(GH)	2010	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Opirus(GH)	2010	General Area	ECS(Electronic Control Suspension)	Version Information	
Opirus(GH)	2010	General Area	ECS(Electronic Control Suspension)	Read Fault Code	
Opirus(GH)	2010	General Area	ECS(Electronic Control Suspension)	Clear Fault Memory	
Opirus(GH)	2010	General Area	ECS(Electronic Control Suspension)	Read Data Stream	

model	year	area	system	function	subfunction
Opirus(GH)	2010	General Area	ECS(Electronic Control Suspension)	Actuation Test	Actuator Control-Soft/Hard
Opirus(GH)	2010	General Area	ECS(Electronic Control Suspension)	Actuation Test	Actuator Control-Soft/Soft
Opirus(GH)	2010	General Area	ECS(Electronic Control Suspension)	Actuation Test	Actuator Control-Hard/Soft
Opirus(GH)	2010	General Area	EPS(Electronic Power Steering)	Version Information	
Opirus(GH)	2010	General Area	EPS(Electronic Power Steering)	Read Fault Code	
Opirus(GH)	2010	General Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Opirus(GH)	2010	General Area	EPS(Electronic Power Steering)	Read Data Stream	
Opirus(GH)	2010	General Area	ESP(Electronic Stability Program)	Version Information	
Opirus(GH)	2010	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Opirus(GH)	2010	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Opirus(GH)	2010	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Opirus(GH)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Opirus(GH)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Opirus(GH)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Opirus(GH)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Opirus(GH)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Opirus(GH)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Opirus(GH)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Opirus(GH)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Opirus(GH)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Opirus(GH)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Opirus(GH)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Opirus(GH)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Left

model	year	area	system	function	subfunction
Opirus(GH)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Right
Opirus(GH)	2010	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Opirus(GH)	2010	General Area	IMMO(Immobilizer)	Read Data	
Opirus(GH)	2010	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Opirus(GH)	2010	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Opirus(GH)	2010	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Opirus(GH)	2010	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Opirus(GH)	2010	General Area	IMMO(Immobilizer)	Special Function	Teaching
Opirus(GH)	2010	General Area	Smart Key	Version	
Opirus(GH)	2010	General Area	Smart Key	Read Fault Code	
Opirus(GH)	2010	General Area	Smart Key	Clear Fault	
Opirus(GH)	2010	General Area	Smart Key	Read Data	
Opirus(GH)	2010	General Area	Smart Key	Actuation Test	IMMO.INDICATOR LAMP
Opirus(GH)	2010	General Area	Smart Key	Actuation Test	EXTERNAL
Opirus(GH)	2010	General Area	Smart Key	Actuation Test	INTERIOR ANTENNA1
Opirus(GH)	2010	General Area	Smart Key	Actuation Test	INTERIOR ANTENNA2
Opirus(GH)	2010	General Area	Smart Key	Actuation Test	TRUNK ANTENNA ACTIVE
Opirus(GH)	2010	General Area	Smart Key	Actuation Test	BUMPER/TAIL GATE ANTENNA ACTIVE
Opirus(GH)	2010	General Area	Smart Key	Actuation Test	DRV_DB ANTENNA ACTIVE
Opirus(GH)	2010	General Area	Smart Key	Actuation Test	AST_DR ANTENNA ACTIVE
Opirus(GH)	2010	General Area	Smart Key	Actuation Test	SSB LED Amber
Opirus(GH)	2010	General Area	Smart Key	Actuation Test	SSB LED Blue/Green
Opirus(GH)	2010	General Area	Smart Key	Actuation Test	FOB holder illumination
Opirus(GH)	2010	General Area	Smart Key	Actuation Test	SSB illumination
Opirus(GH)	2010	General Area	Smart Key	Actuation Test	ACC Relay
Opirus(GH)	2010	General Area	Smart Key	Actuation Test	IGN1 Relay
Opirus(GH)	2010	General Area	Smart Key	Actuation Test	IGN2 Relay
Opirus(GH)	2010	General Area	Smart Key	Actuation Test	START Relay
Opirus(GH)	2010	General Area	Smart Key	Actuation Test	Perform ESCL Open Check
Opirus(GH)	2010	General Area	Smart Key	Actuation Test	LED IMMO INDICATOR

model	year	area	system	function	subfunction
Opirus(GH)	2010	General Area	Smart Key	Special Function	ESCL Open Status Check
Opirus(GH)	2010	General Area	Smart Key	Special Function	Smart Key Code Saving
Opirus(GH)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Opirus(GH)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Opirus(GH)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Opirus(GH)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Opirus(GH)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Opirus(GH)	2010	General Area	TCM(Transmission Control Module)	Version Information	
Opirus(GH)	2010	General Area	TCM(Transmission Control Module)	Read Fault Code	
Opirus(GH)	2010	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Opirus(GH)	2010	General Area	TCM(Transmission Control Module)	Read Data Stream	
Opirus(GH)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Opirus(GH)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Opirus(GH)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Opirus(GH)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Opirus(GH)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Opirus(GH)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Opirus(GH)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Opirus(GH)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Opirus(GH)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp

model	year	area	system	function	subfunction
Opirus(GH)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Opirus(GH)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Opirus(GH)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Opirus(GH)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Opirus(GH)	2010	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Opirus(GH)	2009	General Area	AC(Air Conditioning)	Version	
Opirus(GH)	2009	General Area	AC(Air Conditioning)	Read Fault Code	
Opirus(GH)	2009	General Area	AC(Air Conditioning)	Clear Fault	
Opirus(GH)	2009	General Area	AC(Air Conditioning)	Read Data	
Opirus(GH)	2009	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Opirus(GH)	2009	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Opirus(GH)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Opirus(GH)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Opirus(GH)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Opirus(GH)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Opirus(GH)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Opirus(GH)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Opirus(GH)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Opirus(GH)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Opirus(GH)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Opirus(GH)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Opirus(GH)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Opirus(GH)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Opirus(GH)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Opirus(GH)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Opirus(GH)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot

model	year	area	system	function	subfunction
Opirus(GH)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Opirus(GH)	2009	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Opirus(GH)	2009	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Opirus(GH)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Opirus(GH)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Opirus(GH)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Opirus(GH)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Opirus(GH)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Opirus(GH)	2009	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Opirus(GH)	2009	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Opirus(GH)	2009	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Opirus(GH)	2009	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Opirus(GH)	2009	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Version Information	
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Read Fault Code	
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Clear Fault Memory	
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Read Data Stream	
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	SLIDE POWER SEAT FORWARD
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	SLIDE POWER SEAT BACKWARD
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	RECLINE POWER SEAT FORWARD
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	RECLINE POWER SEAT BACKWARD
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	POWER SEAT FRONT HEIGHT

model	year	area	system	function	subfunction
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	POWER SEAT FRONT HEIGHT DOWN
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	POWER SEAT REAR HEIGHT UP
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	POWER SEAT REAR HEIGHT
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	TAIL LAMP
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	HEADLAMP LOW
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	HEADLAMP HIGH
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	HEADLAMP HIGH INDICATOR
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	FRONT FOG LAMP
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	FRONT FOG LAMP INDICATOR
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	WIPER LOW RELAY
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	WIPER HIGH RELAY
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	DEFROSTER RELAY
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	TRUNK OPEN
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	HORN
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	ROOM LAMP
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	HAZARD LAMP
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	LEFT DIRECTION LAMP
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	RIGHT DIRECTION LAMP
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	CHIME BELL
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	KEY HOLE INLLUMINATOR
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	SEAT BELT INDICATOR
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	IMMOBILIZER INDICATOR

model	year	area	system	function	subfunction
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	CENTRAL DOOR LOCK
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	CENTRAL DOOR UNLOCK
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	DRIVER POWER WINDOW AUTO
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	DRIVER POWER WINDOW AUTO DOWN
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	DRIVER REAR POWER WINDOW AUTO UP
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	DRIVER REAR POWER WINDOW AUTO DOWN
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR UP POSITION
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR DOWN POSITION
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR LEFT POSITION
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR RIGHT POSITION
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR UNFOLDING
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	PSNGER POWER WINDOW AUTO
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	PSNGER POWER WINDOW AUTO DOWN
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	PSNGER REAR POWER WINDOW AUTO UP
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	PSNGER REAR POWER WINDOW AUTO DOWN

model	year	area	system	function	subfunction
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR UP POSITION
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR DOWN POSITION
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR LEFT POSITION
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR RIGHT POSITION
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR UNFOLDING
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	STEERING COLUMN
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	STEERING COLUMN
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	STEERING COLUMN SHORT(TELESCOP
Opirus(GH)	2009	General Area	BCM(Body Control Module)	Actuation Test	STEERING COLUMN
Opirus(GH)	2009	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Opirus(GH)	2009	General Area	CODE(Transmitter Code Saving)	Special Function	Register Transmitter
Opirus(GH)	2009	General Area	ECM(Engine Control Module)	Version Information	
Opirus(GH)	2009	General Area	ECM(Engine Control Module)	Read Fault Code	
Opirus(GH)	2009	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Opirus(GH)	2009	General Area	ECM(Engine Control Module)	Read Data Stream	
Opirus(GH)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Opirus(GH)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Opirus(GH)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Opirus(GH)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4

model	year	area	system	function	subfunction
Opirus(GH)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Opirus(GH)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Opirus(GH)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Opirus(GH)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Opirus(GH)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Opirus(GH)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Opirus(GH)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Opirus(GH)	2009	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Opirus(GH)	2009	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Opirus(GH)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Opirus(GH)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Opirus(GH)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Opirus(GH)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Opirus(GH)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Opirus(GH)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Opirus(GH)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Opirus(GH)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Opirus(GH)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Opirus(GH)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Opirus(GH)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Opirus(GH)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Opirus(GH)	2009	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Opirus(GH)	2009	General Area	ECM(Engine Control Module)	Special Function	Write VIN

model	year	area	system	function	subfunction
Opirus(GH)	2009	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Opirus(GH)	2009	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Opirus(GH)	2009	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Opirus(GH)	2009	General Area	ECS(Electronic Control Suspension)	Version Information	
Opirus(GH)	2009	General Area	ECS(Electronic Control Suspension)	Read Fault Code	
Opirus(GH)	2009	General Area	ECS(Electronic Control Suspension)	Clear Fault Memory	
Opirus(GH)	2009	General Area	ECS(Electronic Control Suspension)	Read Data Stream	
Opirus(GH)	2009	General Area	ECS(Electronic Control Suspension)	Actuation Test	Actuator Control-Soft/Hard
Opirus(GH)	2009	General Area	ECS(Electronic Control Suspension)	Actuation Test	Actuator Control-Soft/Soft
Opirus(GH)	2009	General Area	ECS(Electronic Control Suspension)	Actuation Test	Actuator Control-Hard/Soft
Opirus(GH)	2009	General Area	EPS(Electronic Power Steering)	Version Information	
Opirus(GH)	2009	General Area	EPS(Electronic Power Steering)	Read Fault Code	
Opirus(GH)	2009	General Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Opirus(GH)	2009	General Area	EPS(Electronic Power Steering)	Read Data Stream	
Opirus(GH)	2009	General Area	ESP(Electronic Stability Program)	Version Information	
Opirus(GH)	2009	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Opirus(GH)	2009	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Opirus(GH)	2009	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Opirus(GH)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Opirus(GH)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Opirus(GH)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Opirus(GH)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Opirus(GH)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear

model	year	area	system	function	subfunction
Opirus(GH)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Opirus(GH)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Opirus(GH)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Opirus(GH)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Opirus(GH)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Opirus(GH)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Opirus(GH)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Left
Opirus(GH)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Right
Opirus(GH)	2009	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Opirus(GH)	2009	General Area	IMMO(Immobilizer)	Read Data	
Opirus(GH)	2009	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Opirus(GH)	2009	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Opirus(GH)	2009	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Opirus(GH)	2009	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Opirus(GH)	2009	General Area	IMMO(Immobilizer)	Special Function	Teaching
Opirus(GH)	2009	General Area	Smart Key	Version	
Opirus(GH)	2009	General Area	Smart Key	Read Fault Code	
Opirus(GH)	2009	General Area	Smart Key	Clear Fault	
Opirus(GH)	2009	General Area	Smart Key	Read Data	
Opirus(GH)	2009	General Area	Smart Key	Actuation Test	IMMO.INDICATOR LAMP
Opirus(GH)	2009	General Area	Smart Key	Actuation Test	EXTERNAL
Opirus(GH)	2009	General Area	Smart Key	Actuation Test	INTERIOR ANTENNA1
Opirus(GH)	2009	General Area	Smart Key	Actuation Test	INTERIOR ANTENNA2
Opirus(GH)	2009	General Area	Smart Key	Actuation Test	TRUNK ANTENNA ACTIVE
Opirus(GH)	2009	General Area	Smart Key	Actuation Test	BUMPER/TAIL GATE ANTENNA ACTIVE
Opirus(GH)	2009	General Area	Smart Key	Actuation Test	DRV_DB ANTENNA ACTIVE
Opirus(GH)	2009	General Area	Smart Key	Actuation Test	AST_DR ANTENNA ACTIVE

model	year	area	system	function	subfunction
Opirus(GH)	2009	General Area	Smart Key	Actuation Test	SSB LED Amber
Opirus(GH)	2009	General Area	Smart Key	Actuation Test	SSB LED Blue/Green
Opirus(GH)	2009	General Area	Smart Key	Actuation Test	FOB holder illumination
Opirus(GH)	2009	General Area	Smart Key	Actuation Test	SSB illumination
Opirus(GH)	2009	General Area	Smart Key	Actuation Test	ACC Relay
Opirus(GH)	2009	General Area	Smart Key	Actuation Test	IGN1 Relay
Opirus(GH)	2009	General Area	Smart Key	Actuation Test	IGN2 Relay
Opirus(GH)	2009	General Area	Smart Key	Actuation Test	START Relay
Opirus(GH)	2009	General Area	Smart Key	Actuation Test	Perform ESCL Open Check
Opirus(GH)	2009	General Area	Smart Key	Actuation Test	LED IMMO INDICATOR
Opirus(GH)	2009	General Area	Smart Key	Special Function	ESCL Open Status Check
Opirus(GH)	2009	General Area	Smart Key	Special Function	Smart Key Code Saving
Opirus(GH)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Opirus(GH)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Opirus(GH)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Opirus(GH)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Opirus(GH)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Opirus(GH)	2009	General Area	TCM(Transmission Control Module)	Version Information	
Opirus(GH)	2009	General Area	TCM(Transmission Control Module)	Read Fault Code	
Opirus(GH)	2009	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Opirus(GH)	2009	General Area	TCM(Transmission Control Module)	Read Data Stream	
Opirus(GH)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Opirus(GH)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-

model	year	area	system	function	subfunction
Opirus(GH)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Opirus(GH)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Opirus(GH)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Opirus(GH)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Opirus(GH)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Opirus(GH)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Opirus(GH)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Opirus(GH)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Opirus(GH)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Opirus(GH)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Opirus(GH)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Opirus(GH)	2009	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Opirus(GH)	2008	General Area	AC(Air Conditioning)	Version	
Opirus(GH)	2008	General Area	AC(Air Conditioning)	Read Fault Code	
Opirus(GH)	2008	General Area	AC(Air Conditioning)	Clear Fault	
Opirus(GH)	2008	General Area	AC(Air Conditioning)	Read Data	
Opirus(GH)	2008	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Opirus(GH)	2008	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Opirus(GH)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Opirus(GH)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Opirus(GH)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Opirus(GH)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Opirus(GH)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Opirus(GH)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Opirus(GH)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Opirus(GH)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%

model	year	area	system	function	subfunction
Opirus(GH)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Opirus(GH)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Opirus(GH)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Opirus(GH)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Opirus(GH)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Opirus(GH)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Opirus(GH)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Opirus(GH)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Opirus(GH)	2008	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Opirus(GH)	2008	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Opirus(GH)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Opirus(GH)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Opirus(GH)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Opirus(GH)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Opirus(GH)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Opirus(GH)	2008	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Opirus(GH)	2008	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Opirus(GH)	2008	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Opirus(GH)	2008	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Opirus(GH)	2008	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Version Information	
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Clear Fault Memory	
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Read Data Stream	
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	SLIDE POWER SEAT FORWARD
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	SLIDE POWER SEAT BACKWARD
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	RECLINE POWER SEAT FORWARD
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	RECLINE POWER SEAT BACKWARD
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	POWER SEAT FRONT HEIGHT
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	POWER SEAT FRONT HEIGHT DOWN
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	POWER SEAT REAR HEIGHT UP
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	POWER SEAT REAR HEIGHT
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	TAIL LAMP
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	HEADLAMP LOW
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	HEADLAMP HIGH
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	HEADLAMP HIGH INDICATOR
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	FRONT FOG LAMP
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	FRONT FOG LAMP INDICATOR
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	WIPER LOW RELAY
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	WIPER HIGH RELAY
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	DEFROSTER RELAY
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	TRUNK OPEN
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	HORN
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	ROOM LAMP

model	year	area	system	function	subfunction
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	HAZARD LAMP
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	LEFT DIRECTION LAMP
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	RIGHT DIRECTION LAMP
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	CHIME BELL
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	KEY HOLE INLLUMINATOR
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	SEAT BELT INDICATOR
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	IMMOBILIZER INDICATOR
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	CENTRAL DOOR LOCK
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	CENTRAL DOOR UNLOCK
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	DRIVER POWER WINDOW AUTO
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	DRIVER POWER WINDOW AUTO DOWN
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	DRIVER REAR POWER WINDOW AUTO UP
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	DRIVER REAR POWER WINDOW AUTO DOWN
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR UP POSITION
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR DOWN POSITION
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR LEFT POSITION
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR RIGHT POSITION
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR UNFOLDING

model	year	area	system	function	subfunction
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	PSNGER POWER WINDOW AUTO
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	PSNGER POWER WINDOW AUTO DOWN
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	PSNGER REAR POWER WINDOW AUTO UP
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	PSNGER REAR POWER WINDOW AUTO DOWN
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR UP POSITION
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR DOWN POSITION
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR LEFT POSITION
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR RIGHT POSITION
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR UNFOLDING
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	STEERING COLUMN
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	STEERING COLUMN
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	STEERING COLUMN SHORT(TELESCOP
Opirus(GH)	2008	General Area	BCM(Body Control Module)	Actuation Test	STEERING COLUMN
Opirus(GH)	2008	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Opirus(GH)	2008	General Area	CODE(Transmitter Code Saving)	Special Function	Register Transmitter
Opirus(GH)	2008	General Area	ECM(Engine Control Module)	Version Information	
Opirus(GH)	2008	General Area	ECM(Engine Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Opirus(GH)	2008	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Opirus(GH)	2008	General Area	ECM(Engine Control Module)	Read Data Stream	
Opirus(GH)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Opirus(GH)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Opirus(GH)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Opirus(GH)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Opirus(GH)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Opirus(GH)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Opirus(GH)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Opirus(GH)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Opirus(GH)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Opirus(GH)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Opirus(GH)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Opirus(GH)	2008	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Opirus(GH)	2008	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Opirus(GH)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Opirus(GH)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Opirus(GH)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Opirus(GH)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Opirus(GH)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Opirus(GH)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Opirus(GH)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Opirus(GH)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Opirus(GH)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Opirus(GH)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Opirus(GH)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Opirus(GH)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Opirus(GH)	2008	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Opirus(GH)	2008	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Opirus(GH)	2008	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Opirus(GH)	2008	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Opirus(GH)	2008	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Opirus(GH)	2008	General Area	ECS(Electronic Control Suspension)	Version Information	
Opirus(GH)	2008	General Area	ECS(Electronic Control Suspension)	Read Fault Code	
Opirus(GH)	2008	General Area	ECS(Electronic Control Suspension)	Clear Fault Memory	
Opirus(GH)	2008	General Area	ECS(Electronic Control Suspension)	Read Data Stream	
Opirus(GH)	2008	General Area	ECS(Electronic Control Suspension)	Actuation Test	Actuator Control-Soft/Hard
Opirus(GH)	2008	General Area	ECS(Electronic Control Suspension)	Actuation Test	Actuator Control-Soft/Soft
Opirus(GH)	2008	General Area	ECS(Electronic Control Suspension)	Actuation Test	Actuator Control-Hard/Soft
Opirus(GH)	2008	General Area	EPS(Electronic Power Steering)	Version Information	
Opirus(GH)	2008	General Area	EPS(Electronic Power Steering)	Read Fault Code	
Opirus(GH)	2008	General Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Opirus(GH)	2008	General Area	EPS(Electronic Power Steering)	Read Data Stream	
Opirus(GH)	2008	General Area	ESP(Electronic Stability Program)	Version Information	
Opirus(GH)	2008	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Opirus(GH)	2008	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	

model	year	area	system	function	subfunction
Opirus(GH)	2008	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Opirus(GH)	2008	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Opirus(GH)	2008	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Opirus(GH)	2008	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Opirus(GH)	2008	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Opirus(GH)	2008	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Opirus(GH)	2008	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Opirus(GH)	2008	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Opirus(GH)	2008	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Opirus(GH)	2008	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Opirus(GH)	2008	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Opirus(GH)	2008	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Opirus(GH)	2008	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Left
Opirus(GH)	2008	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Right
Opirus(GH)	2008	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Opirus(GH)	2008	General Area	IMMO(Immobilizer)	Read Data	
Opirus(GH)	2008	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Opirus(GH)	2008	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Opirus(GH)	2008	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Opirus(GH)	2008	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Opirus(GH)	2008	General Area	IMMO(Immobilizer)	Special Function	Teaching
Opirus(GH)	2008	General Area	Smart Key	Version	
Opirus(GH)	2008	General Area	Smart Key	Read Fault Code	
Opirus(GH)	2008	General Area	Smart Key	Clear Fault	
Opirus(GH)	2008	General Area	Smart Key	Read Data	
Opirus(GH)	2008	General Area	Smart Key	Actuation Test	LED IMMO INDICATOR

model	year	area	system	function	subfunction
Opirus(GH)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Opirus(GH)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Opirus(GH)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Opirus(GH)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Opirus(GH)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Opirus(GH)	2008	General Area	TCM(Transmission Control Module)	Version Information	
Opirus(GH)	2008	General Area	TCM(Transmission Control Module)	Read Fault Code	
Opirus(GH)	2008	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Opirus(GH)	2008	General Area	TCM(Transmission Control Module)	Read Data Stream	
Opirus(GH)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Opirus(GH)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Opirus(GH)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Opirus(GH)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Opirus(GH)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Opirus(GH)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Opirus(GH)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Opirus(GH)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Opirus(GH)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Opirus(GH)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Opirus(GH)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp

model	year	area	system	function	subfunction
Opirus(GH)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Opirus(GH)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Opirus(GH)	2008	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Opirus(GH)	2007	General Area	AC(Air Conditioning)	Version	
Opirus(GH)	2007	General Area	AC(Air Conditioning)	Read Fault Code	
Opirus(GH)	2007	General Area	AC(Air Conditioning)	Clear Fault	
Opirus(GH)	2007	General Area	AC(Air Conditioning)	Read Data	
Opirus(GH)	2007	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Opirus(GH)	2007	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Opirus(GH)	2007	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Opirus(GH)	2007	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Opirus(GH)	2007	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Opirus(GH)	2007	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Opirus(GH)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Opirus(GH)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Opirus(GH)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Opirus(GH)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Opirus(GH)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Opirus(GH)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Opirus(GH)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Opirus(GH)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Opirus(GH)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Opirus(GH)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Opirus(GH)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Opirus(GH)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Opirus(GH)	2007	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh

model	year	area	system	function	subfunction
Opirus(GH)	2007	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Opirus(GH)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Opirus(GH)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Opirus(GH)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Opirus(GH)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Opirus(GH)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Opirus(GH)	2007	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Opirus(GH)	2007	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Opirus(GH)	2007	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Opirus(GH)	2007	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Opirus(GH)	2007	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Version Information	
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Read Fault Code	
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Clear Fault Memory	
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Read Data Stream	
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	TAIL LAMP
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	HEADLAMP LOW
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	HEADLAMP HIGH
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	HEADLAMP HIGH INDICATOR
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	FRONT FOG LAMP
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	FRONT FOG LAMP INDICATOR
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	WIPER LOW RELAY

model	year	area	system	function	subfunction
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	WIPER HIGH RELAY
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	DEFROSTER RELAY
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	TRUNK OPEN
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	HORN
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	ROOM LAMP
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	HAZARD LAMP
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	LEFT DIRECTION LAMP
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	RIGHT DIRECTION LAMP
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	CHIME BELL
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	KEY HOLE INLLUMINATOR
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	SEAT BELT INDICATOR
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	IMMOBILIZER INDICATOR
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	SLIDE POWER SEAT FORWARD
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	SLIDE POWER SEAT BACKWARD
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	RECLINE POWER SEAT FORWARD
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	RECLINE POWER SEAT BACKWARD
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	POWER SEAT FRONT HEIGHT
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	POWER SEAT FRONT HEIGHT DOWN
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	POWER SEAT REAR HEIGHT UP
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	POWER SEAT REAR HEIGHT
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	CENTRAL DOOR LOCK
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	CENTRAL DOOR UNLOCK

model	year	area	system	function	subfunction
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	DRIVER POWER WINDOW AUTO
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	DRIVER POWER WINDOW AUTO DOWN
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	DRIVER REAR POWER WINDOW AUTO UP
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	DRIVER REAR POWER WINDOW AUTO DOWN
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR UP POSITION
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR DOWN POSITION
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR LEFT POSITION
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR RIGHT POSITION
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR UNFOLDING
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	PSNGER POWER WINDOW AUTO
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	PSNGER POWER WINDOW AUTO DOWN
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	PSNGER REAR POWER WINDOW AUTO UP
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	PSNGER REAR POWER WINDOW AUTO DOWN
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR UP POSITION
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR DOWN POSITION

model	year	area	system	function	subfunction
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR LEFT POSITION
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR RIGHT POSITION
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR UNFOLDING
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	STEERING COLUMN
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	STEERING COLUMN
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	STEERING COLUMN SHORT(TELESCOP
Opirus(GH)	2007	General Area	BCM(Body Control Module)	Actuation Test	STEERING COLUMN
Opirus(GH)	2007	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Opirus(GH)	2007	General Area	CODE(Transmitter Code Saving)	Special Function	Register Transmitter
Opirus(GH)	2007	General Area	ECM(Engine Control Module)	Version Information	
Opirus(GH)	2007	General Area	ECM(Engine Control Module)	Read Fault Code	
Opirus(GH)	2007	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Opirus(GH)	2007	General Area	ECM(Engine Control Module)	Read Data Stream	
Opirus(GH)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Opirus(GH)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Opirus(GH)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Opirus(GH)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Opirus(GH)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Opirus(GH)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Opirus(GH)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)

model	year	area	system	function	subfunction
Opirus(GH)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Opirus(GH)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Opirus(GH)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Opirus(GH)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Opirus(GH)	2007	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Opirus(GH)	2007	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Opirus(GH)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Opirus(GH)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Opirus(GH)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Opirus(GH)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Opirus(GH)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Opirus(GH)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Opirus(GH)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Opirus(GH)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Opirus(GH)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Opirus(GH)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Opirus(GH)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Opirus(GH)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Opirus(GH)	2007	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Opirus(GH)	2007	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Opirus(GH)	2007	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Opirus(GH)	2007	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Opirus(GH)	2007	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting

model	year	area	system	function	subfunction
Opirus(GH)	2007	General Area	ECS(Electronic Control Suspension)	Version Information	
Opirus(GH)	2007	General Area	ECS(Electronic Control Suspension)	Read Fault Code	
Opirus(GH)	2007	General Area	ECS(Electronic Control Suspension)	Clear Fault Memory	
Opirus(GH)	2007	General Area	ECS(Electronic Control Suspension)	Read Data Stream	
Opirus(GH)	2007	General Area	ECS(Electronic Control Suspension)	Actuation Test	Actuator Control-Soft/Hard
Opirus(GH)	2007	General Area	ECS(Electronic Control Suspension)	Actuation Test	Actuator Control-Soft/Soft
Opirus(GH)	2007	General Area	ECS(Electronic Control Suspension)	Actuation Test	Actuator Control-Hard/Soft
Opirus(GH)	2007	General Area	EPS(Electronic Power Steering)	Version Information	
Opirus(GH)	2007	General Area	EPS(Electronic Power Steering)	Read Fault Code	
Opirus(GH)	2007	General Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Opirus(GH)	2007	General Area	EPS(Electronic Power Steering)	Read Data Stream	
Opirus(GH)	2007	General Area	ESP(Electronic Stability Program)	Version Information	
Opirus(GH)	2007	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Opirus(GH)	2007	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Opirus(GH)	2007	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Opirus(GH)	2007	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Opirus(GH)	2007	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Opirus(GH)	2007	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Opirus(GH)	2007	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Opirus(GH)	2007	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Opirus(GH)	2007	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Opirus(GH)	2007	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Opirus(GH)	2007	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear

model	year	area	system	function	subfunction
Opirus(GH)	2007	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Opirus(GH)	2007	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Opirus(GH)	2007	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Opirus(GH)	2007	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Left
Opirus(GH)	2007	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Right
Opirus(GH)	2007	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Opirus(GH)	2007	General Area	IMMO(Immobilizer)	Read Data	
Opirus(GH)	2007	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Opirus(GH)	2007	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Opirus(GH)	2007	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Opirus(GH)	2007	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Opirus(GH)	2007	General Area	IMMO(Immobilizer)	Special Function	Teaching
Opirus(GH)	2007	General Area	Smart Key	Version	
Opirus(GH)	2007	General Area	Smart Key	Read Fault Code	
Opirus(GH)	2007	General Area	Smart Key	Clear Fault	
Opirus(GH)	2007	General Area	Smart Key	Read Data	
Opirus(GH)	2007	General Area	Smart Key	Actuation Test	LED IMMO INDICATOR
Opirus(GH)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Opirus(GH)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Opirus(GH)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Opirus(GH)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Opirus(GH)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Opirus(GH)	2007	General Area	TCM(Transmission Control Module)	Version Information	
Opirus(GH)	2007	General Area	TCM(Transmission Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Opirus(GH)	2007	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Opirus(GH)	2007	General Area	TCM(Transmission Control Module)	Read Data Stream	
Opirus(GH)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Opirus(GH)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Opirus(GH)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Opirus(GH)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Opirus(GH)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Opirus(GH)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Opirus(GH)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Opirus(GH)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Opirus(GH)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Opirus(GH)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Opirus(GH)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Opirus(GH)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Opirus(GH)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Opirus(GH)	2007	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Opirus(GH)	2006	General Area	AC(Air Conditioning)	Version	
Opirus(GH)	2006	General Area	AC(Air Conditioning)	Read Fault Code	
Opirus(GH)	2006	General Area	AC(Air Conditioning)	Clear Fault	
Opirus(GH)	2006	General Area	AC(Air Conditioning)	Read Data	
Opirus(GH)	2006	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Opirus(GH)	2006	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Opirus(GH)	2006	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Opirus(GH)	2006	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Opirus(GH)	2006	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Opirus(GH)	2006	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High

model	year	area	system	function	subfunction
Opirus(GH)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Opirus(GH)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Opirus(GH)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Opirus(GH)	2006	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Opirus(GH)	2006	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Opirus(GH)	2006	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Opirus(GH)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Opirus(GH)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Opirus(GH)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Opirus(GH)	2006	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Outlet Mode-
Opirus(GH)	2006	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Outlet Mode-
Opirus(GH)	2006	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Outlet Mode-Defrost
Opirus(GH)	2006	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Opirus(GH)	2006	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Opirus(GH)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Opirus(GH)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Opirus(GH)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Opirus(GH)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Opirus(GH)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Opirus(GH)	2006	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Opirus(GH)	2006	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Opirus(GH)	2006	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Opirus(GH)	2006	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Opirus(GH)	2006	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Version Information	
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Read Fault Code	
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Clear Fault Memory	
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Read Data Stream	
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	TAIL LAMP
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	HEADLAMP LOW
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	HEADLAMP HIGH
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	HEADLAMP HIGH INDICATOR
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	FRONT FOG LAMP
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	FRONT FOG LAMP INDICATOR
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	WIPER LOW RELAY
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	WIPER HIGH RELAY
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	DEFROSTER RELAY
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	TRUNK OPEN
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	HORN
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	BRAKE LAMP MALFUNCTION INDICATOR
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	ROOM LAMP
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	HAZARD LAMP
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	LEFT DIRECTION LAMP
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	RIGHT DIRECTION LAMP

model	year	area	system	function	subfunction
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	CHIME BELL
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	KEY HOLE INLLUMINATOR
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	SEAT BELT INDICATOR
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	IMMOBILIZER INDICATOR
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	SLIDE POWER SEAT FORWARD
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	SLIDE POWER SEAT BACKWARD
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	RECLINE POWER SEAT FORWARD
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	RECLINE POWER SEAT BACKWARD
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	POWER SEAT FRONT HEIGHT
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	POWER SEAT FRONT HEIGHT DOWN
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	POWER SEAT REAR HEIGHT UP
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	POWER SEAT REAR HEIGHT
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	CENTRAL DOOR LOCK
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	CENTRAL DOOR UNLOCK
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	DRIVER POWER WINDOW AUTO
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	DRIVER POWER WINDOW AUTO DOWN
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	DRIVER REAR POWER WINDOW AUTO UP
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	DRIVER REAR POWER WINDOW AUTO DOWN
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR UP POSITION
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR DOWN POSITION

model	year	area	system	function	subfunction
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR LEFT POSITION
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR RIGHT POSITION
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR UNFOLDING
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	PSNGER POWER WINDOW AUTO
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	PSNGER POWER WINDOW AUTO DOWN
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	PSNGER REAR POWER WINDOW AUTO UP
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	PSNGER REAR POWER WINDOW AUTO DOWN
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR UP POSITION
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR DOWN POSITION
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR LEFT POSITION
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR RIGHT POSITION
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR UNFOLDING
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	STEERING COLUMN
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	STEERING COLUMN

model	year	area	system	function	subfunction
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	STEERING COLUMN SHORT(TELESCOP
Opirus(GH)	2006	General Area	BCM(Body Control Module)	Actuation Test	STEERING COLUMN
Opirus(GH)	2006	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Opirus(GH)	2006	General Area	CODE(Transmitter Code Saving)	Special Function	Register Transmitter
Opirus(GH)	2006	General Area	ECM(Engine Control Module)	Version Information	
Opirus(GH)	2006	General Area	ECM(Engine Control Module)	Read Fault Code	
Opirus(GH)	2006	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Opirus(GH)	2006	General Area	ECM(Engine Control Module)	Read Data Stream	
Opirus(GH)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Opirus(GH)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Opirus(GH)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Opirus(GH)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Opirus(GH)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Opirus(GH)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Opirus(GH)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Opirus(GH)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Purge Control Solenoid Valve
Opirus(GH)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Opirus(GH)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Opirus(GH)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Opirus(GH)	2006	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Opirus(GH)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Limp Home Solenoid Valve
Opirus(GH)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Purge Solenoid Vent

model	year	area	system	function	subfunction
Opirus(GH)	2006	General Area	ECS(Electronic Control Suspension)	Version Information	
Opirus(GH)	2006	General Area	ECS(Electronic Control Suspension)	Read Fault Code	
Opirus(GH)	2006	General Area	ECS(Electronic Control Suspension)	Clear Fault Memory	
Opirus(GH)	2006	General Area	ECS(Electronic Control Suspension)	Read Data Stream	
Opirus(GH)	2006	General Area	ECS(Electronic Control Suspension)	Actuation Test	Actuator Control-Soft/Hard
Opirus(GH)	2006	General Area	ECS(Electronic Control Suspension)	Actuation Test	Actuator Control-Soft/Soft
Opirus(GH)	2006	General Area	ECS(Electronic Control Suspension)	Actuation Test	Actuator Control-Hard/Soft
Opirus(GH)	2006	General Area	EPS(Electronic Power Steering)	Read Fault Code	
Opirus(GH)	2006	General Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Opirus(GH)	2006	General Area	ESP(Electronic Stability Program)	Version Information	
Opirus(GH)	2006	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Opirus(GH)	2006	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Opirus(GH)	2006	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Opirus(GH)	2006	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Opirus(GH)	2006	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Opirus(GH)	2006	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Opirus(GH)	2006	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Opirus(GH)	2006	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Opirus(GH)	2006	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Opirus(GH)	2006	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Opirus(GH)	2006	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Opirus(GH)	2006	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Opirus(GH)	2006	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front

model	year	area	system	function	subfunction
Opirus(GH)	2006	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Opirus(GH)	2006	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Left
Opirus(GH)	2006	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Right
Opirus(GH)	2006	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Opirus(GH)	2006	General Area	IMMO(Immobilizer)	Read Data	
Opirus(GH)	2006	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Opirus(GH)	2006	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Opirus(GH)	2006	General Area	IMMO(Immobilizer)	Special Function	Teaching
Opirus(GH)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Opirus(GH)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Opirus(GH)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Opirus(GH)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Opirus(GH)	2006	General Area	TCM(Transmission Control Module)	Version Information	
Opirus(GH)	2006	General Area	TCM(Transmission Control Module)	Read Fault Code	
Opirus(GH)	2006	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Opirus(GH)	2006	General Area	TCM(Transmission Control Module)	Read Data Stream	
Opirus(GH)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Opirus(GH)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Opirus(GH)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Opirus(GH)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Opirus(GH)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Opirus(GH)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Vlave(5 A/T Only)

model	year	area	system	function	subfunction
Opirus(GH)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Opirus(GH)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Opirus(GH)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Opirus(GH)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Opirus(GH)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Opirus(GH)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Opirus(GH)	2005	General Area	AC(Air Conditioning)	Version	
Opirus(GH)	2005	General Area	AC(Air Conditioning)	Read Fault Code	
Opirus(GH)	2005	General Area	AC(Air Conditioning)	Clear Fault	
Opirus(GH)	2005	General Area	AC(Air Conditioning)	Read Data	
Opirus(GH)	2005	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Opirus(GH)	2005	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Opirus(GH)	2005	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Opirus(GH)	2005	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Opirus(GH)	2005	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Opirus(GH)	2005	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Opirus(GH)	2005	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Opirus(GH)	2005	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Opirus(GH)	2005	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Opirus(GH)	2005	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Opirus(GH)	2005	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Opirus(GH)	2005	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Opirus(GH)	2005	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Opirus(GH)	2005	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Opirus(GH)	2005	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost

model	year	area	system	function	subfunction
Opirus(GH)	2005	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Outlet Mode-
Opirus(GH)	2005	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Outlet Mode-
Opirus(GH)	2005	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Outlet Mode-Defrost
Opirus(GH)	2005	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Opirus(GH)	2005	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Opirus(GH)	2005	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Opirus(GH)	2005	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Opirus(GH)	2005	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Opirus(GH)	2005	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Opirus(GH)	2005	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Opirus(GH)	2005	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Opirus(GH)	2005	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Opirus(GH)	2005	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Opirus(GH)	2005	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Opirus(GH)	2005	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Version Information	
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Read Fault Code	
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Clear Fault Memory	
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Read Data Stream	
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	TAIL LAMP
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	HEADLAMP LOW
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	HEADLAMP HIGH

model	year	area	system	function	subfunction
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	HEADLAMP HIGH INDICATOR
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	FRONT FOG LAMP
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	FRONT FOG LAMP INDICATOR
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	WIPER LOW RELAY
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	WIPER HIGH RELAY
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	DEFROSTER RELAY
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	TRUNK OPEN
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	HORN
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	BRAKE LAMP MALFUNCTION INDICATOR
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	ROOM LAMP
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	HAZARD LAMP
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	LEFT DIRECTION LAMP
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	RIGHT DIRECTION LAMP
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	CHIME BELL
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	KEY HOLE INLLUMINATOR
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	SEAT BELT INDICATOR
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	IMMOBILIZER INDICATOR
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	SLIDE POWER SEAT FORWARD
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	SLIDE POWER SEAT BACKWARD
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	RECLINE POWER SEAT FORWARD
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	RECLINE POWER SEAT BACKWARD
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	POWER SEAT FRONT HEIGHT

model	year	area	system	function	subfunction
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	POWER SEAT FRONT HEIGHT DOWN
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	POWER SEAT REAR HEIGHT UP
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	POWER SEAT REAR HEIGHT
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	CENTRAL DOOR LOCK
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	CENTRAL DOOR UNLOCK
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	DRIVER POWER WINDOW AUTO
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	DRIVER POWER WINDOW AUTO DOWN
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	DRIVER REAR POWER WINDOW AUTO UP
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	DRIVER REAR POWER WINDOW AUTO DOWN
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR UP POSITION
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR DOWN POSITION
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR LEFT POSITION
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR RIGHT POSITION
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR UNFOLDING
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	PSNGER POWER WINDOW AUTO
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	PSNGER POWER WINDOW AUTO DOWN

model	year	area	system	function	subfunction
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	PSNGER REAR POWER WINDOW AUTO UP
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	PSNGER REAR POWER WINDOW AUTO DOWN
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR UP POSITION
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR DOWN POSITION
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR LEFT POSITION
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR RIGHT POSITION
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR UNFOLDING
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	STEERING COLUMN
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	STEERING COLUMN
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	STEERING COLUMN SHORT(TELESCOP
Opirus(GH)	2005	General Area	BCM(Body Control Module)	Actuation Test	STEERING COLUMN
Opirus(GH)	2005	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Opirus(GH)	2005	General Area	CODE(Transmitter Code Saving)	Special Function	Register Transmitter
Opirus(GH)	2005	General Area	ECM(Engine Control Module)	Version Information	
Opirus(GH)	2005	General Area	ECM(Engine Control Module)	Read Fault Code	
Opirus(GH)	2005	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Opirus(GH)	2005	General Area	ECM(Engine Control Module)	Read Data Stream	
Opirus(GH)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1

model	year	area	system	function	subfunction
Opirus(GH)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Opirus(GH)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Opirus(GH)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Opirus(GH)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Opirus(GH)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Opirus(GH)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Opirus(GH)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Purge Control Solenoid Valve
Opirus(GH)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Opirus(GH)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Opirus(GH)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Opirus(GH)	2005	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Opirus(GH)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Limp Home Solenoid Valve
Opirus(GH)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Purge Solenoid Vent
Opirus(GH)	2005	General Area	ECS(Electronic Control Suspension)	Version Information	
Opirus(GH)	2005	General Area	ECS(Electronic Control Suspension)	Read Fault Code	
Opirus(GH)	2005	General Area	ECS(Electronic Control Suspension)	Clear Fault Memory	
Opirus(GH)	2005	General Area	ECS(Electronic Control Suspension)	Read Data Stream	
Opirus(GH)	2005	General Area	ECS(Electronic Control Suspension)	Actuation Test	Actuator Control-Soft/Hard
Opirus(GH)	2005	General Area	ECS(Electronic Control Suspension)	Actuation Test	Actuator Control-Soft/Soft
Opirus(GH)	2005	General Area	ECS(Electronic Control Suspension)	Actuation Test	Actuator Control-Hard/Soft
Opirus(GH)	2005	General Area	EPS(Electronic Power Steering)	Read Fault Code	
Opirus(GH)	2005	General Area	EPS(Electronic Power Steering)	Clear Fault Memory	

model	year	area	system	function	subfunction
Opirus(GH)	2005	General Area	ESP(Electronic Stability Program)	Version Information	
Opirus(GH)	2005	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Opirus(GH)	2005	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Opirus(GH)	2005	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Opirus(GH)	2005	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Opirus(GH)	2005	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Opirus(GH)	2005	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Opirus(GH)	2005	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Opirus(GH)	2005	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Opirus(GH)	2005	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Opirus(GH)	2005	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Opirus(GH)	2005	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Opirus(GH)	2005	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Opirus(GH)	2005	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Opirus(GH)	2005	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Opirus(GH)	2005	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Left
Opirus(GH)	2005	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Right
Opirus(GH)	2005	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Opirus(GH)	2005	General Area	IMMO(Immobilizer)	Read Data	
Opirus(GH)	2005	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Opirus(GH)	2005	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Opirus(GH)	2005	General Area	IMMO(Immobilizer)	Special Function	Teaching
Opirus(GH)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	

model	year	area	system	function	subfunction
Opirus(GH)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Opirus(GH)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Opirus(GH)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Opirus(GH)	2005	General Area	TCM(Transmission Control Module)	Version Information	
Opirus(GH)	2005	General Area	TCM(Transmission Control Module)	Read Fault Code	
Opirus(GH)	2005	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Opirus(GH)	2005	General Area	TCM(Transmission Control Module)	Read Data Stream	
Opirus(GH)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Opirus(GH)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Opirus(GH)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Opirus(GH)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Opirus(GH)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Opirus(GH)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Vlave(5 A/T Only)
Opirus(GH)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Opirus(GH)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Opirus(GH)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Opirus(GH)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Opirus(GH)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Opirus(GH)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Opirus(GH)	2004	General Area	AC(Air Conditioning)	Version	
Opirus(GH)	2004	General Area	AC(Air Conditioning)	Read Fault Code	
Opirus(GH)	2004	General Area	AC(Air Conditioning)	Clear Fault	
Opirus(GH)	2004	General Area	AC(Air Conditioning)	Read Data	

model	year	area	system	function	subfunction
Opirus(GH)	2004	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Opirus(GH)	2004	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Opirus(GH)	2004	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Opirus(GH)	2004	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Opirus(GH)	2004	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Opirus(GH)	2004	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Opirus(GH)	2004	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Opirus(GH)	2004	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Opirus(GH)	2004	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Opirus(GH)	2004	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Opirus(GH)	2004	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Opirus(GH)	2004	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Opirus(GH)	2004	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Opirus(GH)	2004	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Opirus(GH)	2004	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Opirus(GH)	2004	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Outlet Mode-
Opirus(GH)	2004	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Outlet Mode-
Opirus(GH)	2004	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Outlet Mode-Defrost
Opirus(GH)	2004	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Opirus(GH)	2004	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Opirus(GH)	2004	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Opirus(GH)	2004	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Opirus(GH)	2004	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%

model	year	area	system	function	subfunction
Opirus(GH)	2004	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Opirus(GH)	2004	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Opirus(GH)	2004	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Opirus(GH)	2004	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Opirus(GH)	2004	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Opirus(GH)	2004	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Opirus(GH)	2004	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Version Information	
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Read Fault Code	
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Clear Fault Memory	
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Read Data Stream	
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	TAIL LAMP
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	HEADLAMP LOW
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	HEADLAMP HIGH
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	HEADLAMP HIGH INDICATOR
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	FRONT FOG LAMP
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	FRONT FOG LAMP INDICATOR
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	WIPER LOW RELAY
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	WIPER HIGH RELAY
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	DEFROSTER RELAY
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	TRUNK OPEN
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	HORN

model	year	area	system	function	subfunction
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	BRAKE LAMP MALFUNCTION INDICATOR
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	ROOM LAMP
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	HAZARD LAMP
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	LEFT DIRECTION LAMP
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	RIGHT DIRECTION LAMP
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	CHIME BELL
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	KEY HOLE INLLUMINATOR
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	SEAT BELT INDICATOR
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	IMMOBILIZER INDICATOR
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	SLIDE POWER SEAT FORWARD
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	SLIDE POWER SEAT BACKWARD
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	RECLINE POWER SEAT FORWARD
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	RECLINE POWER SEAT BACKWARD
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	POWER SEAT FRONT HEIGHT
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	POWER SEAT FRONT HEIGHT DOWN
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	POWER SEAT REAR HEIGHT UP
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	POWER SEAT REAR HEIGHT
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	CENTRAL DOOR LOCK
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	CENTRAL DOOR UNLOCK
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	DRIVER POWER WINDOW AUTO
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	DRIVER POWER WINDOW AUTO DOWN

model	year	area	system	function	subfunction
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	DRIVER REAR POWER WINDOW AUTO UP
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	DRIVER REAR POWER WINDOW AUTO DOWN
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR UP POSITION
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR DOWN POSITION
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR LEFT POSITION
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR RIGHT POSITION
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	LH OUTSIDE MIRROR UNFOLDING
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	PSNGER POWER WINDOW AUTO
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	PSNGER POWER WINDOW AUTO DOWN
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	PSNGER REAR POWER WINDOW AUTO UP
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	PSNGER REAR POWER WINDOW AUTO DOWN
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR UP POSITION
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR DOWN POSITION
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR LEFT POSITION

model	year	area	system	function	subfunction
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR RIGHT POSITION
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	RH OUTSIDE MIRROR UNFOLDING
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	STEERING COLUMN
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	STEERING COLUMN
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	STEERING COLUMN SHORT(TELESCOP
Opirus(GH)	2004	General Area	BCM(Body Control Module)	Actuation Test	STEERING COLUMN
Opirus(GH)	2004	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Opirus(GH)	2004	General Area	CODE(Transmitter Code Saving)	Special Function	Register Transmitter
Opirus(GH)	2004	General Area	ECM(Engine Control Module)	Version Information	
Opirus(GH)	2004	General Area	ECM(Engine Control Module)	Read Fault Code	
Opirus(GH)	2004	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Opirus(GH)	2004	General Area	ECM(Engine Control Module)	Read Data Stream	
Opirus(GH)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Opirus(GH)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Opirus(GH)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Opirus(GH)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Opirus(GH)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Opirus(GH)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Opirus(GH)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Opirus(GH)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Purge Control Solenoid Valve

model	year	area	system	function	subfunction
Opirus(GH)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Opirus(GH)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Opirus(GH)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Opirus(GH)	2004	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Opirus(GH)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Limp Home Solenoid Valve
Opirus(GH)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Purge Solenoid Vent
Opirus(GH)	2004	General Area	ECS(Electronic Control Suspension)	Version Information	
Opirus(GH)	2004	General Area	ECS(Electronic Control Suspension)	Read Fault Code	
Opirus(GH)	2004	General Area	ECS(Electronic Control Suspension)	Clear Fault Memory	
Opirus(GH)	2004	General Area	ECS(Electronic Control Suspension)	Read Data Stream	
Opirus(GH)	2004	General Area	ECS(Electronic Control Suspension)	Actuation Test	Actuator Control-Soft/Hard
Opirus(GH)	2004	General Area	ECS(Electronic Control Suspension)	Actuation Test	Actuator Control-Soft/Soft
Opirus(GH)	2004	General Area	ECS(Electronic Control Suspension)	Actuation Test	Actuator Control-Hard/Soft
Opirus(GH)	2004	General Area	EPS(Electronic Power Steering)	Read Fault Code	
Opirus(GH)	2004	General Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Opirus(GH)	2004	General Area	ESP(Electronic Stability Program)	Version Information	
Opirus(GH)	2004	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Opirus(GH)	2004	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Opirus(GH)	2004	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Opirus(GH)	2004	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Opirus(GH)	2004	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Opirus(GH)	2004	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front

model	year	area	system	function	subfunction
Opirus(GH)	2004	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Opirus(GH)	2004	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Opirus(GH)	2004	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Opirus(GH)	2004	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Opirus(GH)	2004	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Opirus(GH)	2004	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Opirus(GH)	2004	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Opirus(GH)	2004	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Opirus(GH)	2004	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Left
Opirus(GH)	2004	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Right
Opirus(GH)	2004	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Opirus(GH)	2004	General Area	IMMO(Immobilizer)	Read Data	
Opirus(GH)	2004	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Opirus(GH)	2004	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Opirus(GH)	2004	General Area	IMMO(Immobilizer)	Special Function	Teaching
Opirus(GH)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Opirus(GH)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Opirus(GH)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Opirus(GH)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Opirus(GH)	2004	General Area	TCM(Transmission Control Module)	Version Information	
Opirus(GH)	2004	General Area	TCM(Transmission Control Module)	Read Fault Code	
Opirus(GH)	2004	General Area	TCM(Transmission Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Opirus(GH)	2004	General Area	TCM(Transmission Control Module)	Read Data Stream	
Opirus(GH)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Opirus(GH)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Opirus(GH)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Opirus(GH)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Opirus(GH)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Opirus(GH)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Vlave(5 A/T Only)
Opirus(GH)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Opirus(GH)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Opirus(GH)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Opirus(GH)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Opirus(GH)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Opirus(GH)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Optima HEV(JF HEV)	2016	General Area	AAF(Active Air Flap)	Version Information	
Optima HEV(JF HEV)	2016	General Area	AAF(Active Air Flap)	Read Fault Code	
Optima HEV(JF HEV)	2016	General Area	AAF(Active Air Flap)	Clear Fault Memory	
Optima HEV(JF HEV)	2016	General Area	AAF(Active Air Flap)	Read Data Stream	
Optima HEV(JF HEV)	2016	General Area	AAF(Active Air Flap)	Actuation Test	Manually Active Air Flap Open
Optima HEV(JF HEV)	2016	General Area	AAF(Active Air Flap)	Actuation Test	Manually Active Air Flap Close
Optima HEV(JF HEV)	2016	General Area	AAF(Active Air Flap)	Actuation Test	Active Air Flap Test
Optima HEV(JF HEV)	2016	General Area	ABS(Anti-Lock Brake System)	Version Information	
Optima HEV(JF HEV)	2016	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	

model	year	area	system	function	subfunction
Optima HEV(JF HEV)	2016	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Optima HEV(JF HEV)	2016	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Optima HEV(JF HEV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Optima HEV(JF HEV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IFL Control
Optima HEV(JF HEV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IFR Control
Optima HEV(JF HEV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IRL Control
Optima HEV(JF HEV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IRR Control
Optima HEV(JF HEV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	OFL Control
Optima HEV(JF HEV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	OFR Control
Optima HEV(JF HEV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ORL Control
Optima HEV(JF HEV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ORR Control
Optima HEV(JF HEV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Optima HEV(JF HEV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Optima HEV(JF HEV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Release Valve #2
Optima HEV(JF HEV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Release Valve #1
Optima HEV(JF HEV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Apply Valve #1
Optima HEV(JF HEV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Apply Valve #2
Optima HEV(JF HEV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Cut Valve #1
Optima HEV(JF HEV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Cut Valve #2
Optima HEV(JF HEV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Simulator Valve #2
Optima HEV(JF HEV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Release Motor RH(Caliper Type Only)

model	year	area	system	function	subfunction
Optima HEV(JF HEV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Apply Motor RH(Caliper Type Only)
Optima HEV(JF HEV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Release Motor LH(Caliper Type Only)
Optima HEV(JF HEV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Apply Motor LH(Caliper Type Only)
Optima HEV(JF HEV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Release(Cable Type Only)
Optima HEV(JF HEV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Apply(Cable Type
Optima HEV(JF HEV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Optima HEV(JF HEV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Optima HEV(JF HEV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	EPB Warning Lamp-ON
Optima HEV(JF HEV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	EPB Warning Lamp-OFF
Optima HEV(JF HEV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	EPB Status Lamp-ON
Optima HEV(JF HEV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	EPB Status Lamp-OFF
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Version Information	
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Read Fault Code	
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Clear Fault Memory	
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Read Data Stream	
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%

model	year	area	system	function	subfunction
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-VENT
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-FLOOR
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-DEF.
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Intake Door-Fresh
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Intake Door-Recirc
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-Off
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-1Step
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-2Step
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-3Step
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-4Step
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-5Step
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-6Step
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-7Step
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-8Step
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Close
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Vent
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Floor

model	year	area	system	function	subfunction
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defog
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Temperature Air Mix Door 0%
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Temperature Air Mix Door 50%
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Temperature Air Mix Door 100%
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Mode Door-Vent
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Mode Door-BI-Level
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Mode Door-Floor
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console On Door
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Off Door
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Air Flow Door-0%
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Air Flow Door-50%
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Air Flow Door-100%
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Flow Door-0%
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Flow Door-50%
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Flow Door-100%
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Driver B-PILLAR Door-0%
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Driver B-PILLAR Door-
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Passenger B-PILLAR Door-0%
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Passenger B-PILLAR Door-
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-Off
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-1Step

model	year	area	system	function	subfunction
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-2Step
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-3Step
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-4Step
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-5Step
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-6Step
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-7Step
Optima HEV(JF HEV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-8Step
Optima HEV(JF HEV)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Optima HEV(JF HEV)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Optima HEV(JF HEV)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Optima HEV(JF HEV)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Optima HEV(JF HEV)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Optima HEV(JF HEV)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Middle(Center)Position
Optima HEV(JF HEV)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Optima HEV(JF HEV)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	DBL(Dynamic Bending Light)Max(RH)Position
Optima HEV(JF HEV)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	DBL(Dynamic Bending Light)Middle Position-Center
Optima HEV(JF HEV)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	DBL(Dynamic Bending Light)Max(LH)Position
Optima HEV(JF HEV)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class C

model	year	area	system	function	subfunction
Optima HEV(JF HEV)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class V
Optima HEV(JF HEV)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class E
Optima HEV(JF HEV)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class E1
Optima HEV(JF HEV)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class E2
Optima HEV(JF HEV)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class HIGH
Optima HEV(JF HEV)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class W
Optima HEV(JF HEV)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test LED OFF
Optima HEV(JF HEV)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SBL Function Test SBL LH ON
Optima HEV(JF HEV)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SBL Function Test SBL RH ON
Optima HEV(JF HEV)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SBL function Test SBL ON(ALL)
Optima HEV(JF HEV)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	AFLS AIM'G Mode
Optima HEV(JF HEV)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL normal position
Optima HEV(JF HEV)	2016	General Area	Battery Management System	Version Information	
Optima HEV(JF HEV)	2016	General Area	Battery Management System	Read Fault Code	
Optima HEV(JF HEV)	2016	General Area	Battery Management System	Clear Fault Memory	
Optima HEV(JF HEV)	2016	General Area	Battery Management System	Read Data Stream	
Optima HEV(JF HEV)	2016	General Area	Battery Management System	Actuation Test	Fan 1st
Optima HEV(JF HEV)	2016	General Area	Battery Management System	Actuation Test	Fan 2nd
Optima HEV(JF HEV)	2016	General Area	Battery Management System	Actuation Test	Fan 3rd
Optima HEV(JF HEV)	2016	General Area	Battery Management System	Actuation Test	Fan 4th
Optima HEV(JF HEV)	2016	General Area	Battery Management System	Actuation Test	Fan 5th
Optima HEV(JF HEV)	2016	General Area	Battery Management System	Actuation Test	Fan 6th
Optima HEV(JF HEV)	2016	General Area	Battery Management System	Actuation Test	Fan 7th

model	year	area	system	function	subfunction
Optima HEV(JF HEV)	2016	General Area	Battery Management System	Actuation Test	Fan 8th
Optima HEV(JF HEV)	2016	General Area	Battery Management System	Actuation Test	Fan 9th
Optima HEV(JF HEV)	2016	General Area	Battery Management System	Actuation Test	Fan Stop
Optima HEV(JF HEV)	2016	General Area	Battery Management System	Actuation Test	Main Relay(-)ON
Optima HEV(JF HEV)	2016	General Area	Battery Management System	Actuation Test	Precharge Relay ON
Optima HEV(JF HEV)	2016	General Area	Battery Management System	Actuation Test	Main Relay(-),Precharge Relay ON simultaneous
Optima HEV(JF HEV)	2016	General Area	Battery Management System	Actuation Test	Main Relay(-),Main Relay(+)ON
Optima HEV(JF HEV)	2016	General Area	Battery Management System	Actuation Test	Main Relay(-)(+),Precharge Relay OFF simultaneous
Optima HEV(JF HEV)	2016	General Area	Battery Management System	Actuation Test	Main Relay(+)ON
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Version Information	
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Read Fault Code	
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Clear Fault Memory	
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Read Data Stream	
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window Up
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Highest Position
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Lowest Position

model	year	area	system	function	subfunction
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Left Position
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Right Position
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Fold
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Unfold
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Puddle Lamp
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Lock
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Unlock
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Repeater
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	BSD Indicator
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Courtesy Lamp
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Heater Control
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Auto Up
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Auto
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Up
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Down
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Pocket Light Output(Option)
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Illumination
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Window Lock to Assist Door
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF

model	year	area	system	function	subfunction
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay

model	year	area	system	function	subfunction
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator

model	year	area	system	function	subfunction
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay(with Safety P/WDW Enable)
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator(Option)
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator(Option)
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay

model	year	area	system	function	subfunction
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination(Manual Key Type)
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay

model	year	area	system	function	subfunction
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Output
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Indicator
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Map Lamp Output
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Alt'L Signal Out
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Lamp
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Washer Motor Output
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Washer Motor Output
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	3Lh SBR Left Indicator
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	3Rh SBR Center Indicator
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Safety ECU Enable
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Heated Washer Nozzle Output
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Defogger Indicator
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Heated Glass Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	EMS Wakeup Output
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Fuel Door Open Solenoid Output
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mood Lamp 1 Output
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mood Lamp 2 Output
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mood Lamp 3 Output
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Position Horizontal Output
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Position Vertical Output

model	year	area	system	function	subfunction
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Signal
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Power Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window Up
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Highest Position
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Lowest Position
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Left Position
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Right Position
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Fold
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Unfold
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Drive Side Puddle Lamp
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Lock
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Side Repeater
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Courtesy Lamp
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Heater Control
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Window Auto Up

model	year	area	system	function	subfunction
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Auto
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Up
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Down
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Auto Up
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Auto
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Up
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Down
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Auto
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Up
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Down
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Window Lock to Driver Door
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Pocket Lamp(Both Left and Right)
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Mood Lamp(Both Left and Right)
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Courtesy Lamp
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Courtesy Lamp
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Door Curtain Up(Only Windows Close
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Door Curtain Down(Only Windows Close Status)
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Door Curtain Up(Only Windows Close

model	year	area	system	function	subfunction
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Door Curtain Down(Only Windows Close Status)
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist BSD Indicator
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain re-Initialize
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear illumination
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(Headrest
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(Headrest
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Foremost Position(Cushion Extension)

model	year	area	system	function	subfunction
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Last Position(Cushion Extension)
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Parasitic Current Auto-Block IPS
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt Indicator

model	year	area	system	function	subfunction
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt Indicator
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt Indicator
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left/Right
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Right
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	High Mounted Stop Lamp
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	RL Door Lock Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	RL Door Unlock Relay
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Up
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Down
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Left
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Right
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window DOWN
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window UP
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window DOWN
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LOCK
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Courtesy Lamp
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Power Window UP
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Power Window DOWN
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window UP
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Charging Status LED(Yellow)On
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Charging Status LED(Green)On
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Special Function	CLU Variant Coding

model	year	area	system	function	subfunction
Optima HEV(JF HEV)	2016	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting
Optima HEV(JF HEV)	2016	General Area	Central Gateway	Version Information	
Optima HEV(JF HEV)	2016	General Area	Central Gateway	Read Fault Code	
Optima HEV(JF HEV)	2016	General Area	Central Gateway	Clear Fault Memory	
Optima HEV(JF HEV)	2016	General Area	Central Gateway	Special Function	Erase Network Configuration
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Version Information	
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Read Fault Code	
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Read Data Stream	
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay

model	year	area	system	function	subfunction
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front

model	year	area	system	function	subfunction
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Electrically Controlled Water Pump
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Tank Isolation Valve
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Chageover Valve
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Vacuum Pump(ELCM)
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Nu LPI Option)
Optima HEV(JF HEV)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Theta LPI Option)
Optima HEV(JF HEV)	2016	General Area	HCU/LDC	Version Information	
Optima HEV(JF HEV)	2016	General Area	HCU/LDC	Read Fault Code	

model	year	area	system	function	subfunction
Optima HEV(JF HEV)	2016	General Area	HCU/LDC	Clear Fault Memory	
Optima HEV(JF HEV)	2016	General Area	HCU/LDC	Read Data Stream	
Optima HEV(JF HEV)	2016	General Area	HCU/LDC	Actuation Test	Engine Clutch Lock-up
Optima HEV(JF HEV)	2016	General Area	HEV Motor Control System	Version Information	
Optima HEV(JF HEV)	2016	General Area	HEV Motor Control System	Read Fault Code	
Optima HEV(JF HEV)	2016	General Area	HEV Motor Control System	Clear Fault Memory	
Optima HEV(JF HEV)	2016	General Area	HEV Motor Control System	Read Data Stream	
Optima HEV(JF HEV)	2016	General Area	LDWS(Lane Departure Warning System)	Version Information	
Optima HEV(JF HEV)	2016	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Optima HEV(JF HEV)	2016	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Optima HEV(JF HEV)	2016	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Optima HEV(JF HEV)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Left Mirror LED ON
Optima HEV(JF HEV)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Left Mirror LED Blinking
Optima HEV(JF HEV)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Right Mirror LED ON
Optima HEV(JF HEV)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Right Mirror LED Blinking
Optima HEV(JF HEV)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	BSD Switch LED ON/OFF
Optima HEV(JF HEV)	2016	General Area	Motor Driven Power Steering(Mobis)	Version Information	
Optima HEV(JF HEV)	2016	General Area	Motor Driven Power Steering(Mobis)	Read Fault Code	
Optima HEV(JF HEV)	2016	General Area	Motor Driven Power Steering(Mobis)	Clear Fault Memory	
Optima HEV(JF HEV)	2016	General Area	Motor Driven Power Steering(Mobis)	Read Data Stream	
Optima HEV(JF HEV)	2016	General Area	PGS(Parking Guide System)	Version Information	
Optima HEV(JF HEV)	2016	General Area	PGS(Parking Guide System)	Read Fault Code	
Optima HEV(JF HEV)	2016	General Area	PGS(Parking Guide System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Optima HEV(JF HEV)	2016	General Area	PGS(Parking Guide System)	Read Data Stream	
Optima HEV(JF HEV)	2016	General Area	Smart Key Unit	Version Information	
Optima HEV(JF HEV)	2016	General Area	Smart Key Unit	Read Fault Code	
Optima HEV(JF HEV)	2016	General Area	Smart Key Unit	Clear Fault Memory	
Optima HEV(JF HEV)	2016	General Area	Smart Key Unit	Read Data Stream	
Optima HEV(JF HEV)	2016	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Optima HEV(JF HEV)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Optima HEV(JF HEV)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Optima HEV(JF HEV)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED White
Optima HEV(JF HEV)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Optima HEV(JF HEV)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Optima HEV(JF HEV)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Optima HEV(JF HEV)	2016	General Area	Smart Key Unit	Actuation Test	ACC Relay
Optima HEV(JF HEV)	2016	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Optima HEV(JF HEV)	2016	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Optima HEV(JF HEV)	2016	General Area	Smart Key Unit	Actuation Test	Starter Relay
Optima HEV(JF HEV)	2016	General Area	Smart Key Unit	Actuation Test	External Buzzer
Optima HEV(JF HEV)	2016	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Optima HEV(JF HEV)	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Optima HEV(JF HEV)	2016	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Optima HEV(JF HEV)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Optima HEV(JF HEV)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna 1
Optima HEV(JF HEV)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna 2

model	year	area	system	function	subfunction
Optima HEV(JF HEV)	2016	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Optima HEV(JF HEV)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna 3
Optima HEV(JF HEV)	2016	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Optima HEV(JF HEV)	2016	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Optima HEV(JF HEV)	2016	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Optima HEV(JF HEV)	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Optima HEV(JF HEV)	2016	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Optima HEV(JF HEV)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima HEV(JF HEV)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima HEV(JF HEV)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima HEV(JF HEV)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima HEV(JF HEV)	2016	General Area	SVMS(Surround View Monitor System)	Version Information	
Optima HEV(JF HEV)	2016	General Area	SVMS(Surround View Monitor System)	Read Fault Code	
Optima HEV(JF HEV)	2016	General Area	SVMS(Surround View Monitor System)	Clear Fault Memory	
Optima HEV(JF HEV)	2016	General Area	SVMS(Surround View Monitor System)	Read Data Stream	
Optima HEV(JF HEV)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-SVM View
Optima HEV(JF HEV)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-SVM View
Optima HEV(JF HEV)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Left View
Optima HEV(JF HEV)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Left View
Optima HEV(JF HEV)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Right View
Optima HEV(JF HEV)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Right View

model	year	area	system	function	subfunction
Optima HEV(JF HEV)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Wide View
Optima HEV(JF HEV)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Wide View
Optima HEV(JF HEV)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 25%
Optima HEV(JF HEV)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 100%
Optima HEV(JF HEV)	2016	General Area	TCM(Transmission Control Module)	Version Information	
Optima HEV(JF HEV)	2016	General Area	TCM(Transmission Control Module)	Read Fault Code	
Optima HEV(JF HEV)	2016	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima HEV(JF HEV)	2016	General Area	TCM(Transmission Control Module)	Read Data Stream	
Optima HEV(JF HEV)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Optima HEV(JF HEV)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Optima HEV(JF HEV)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Optima HEV(JF HEV)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Optima HEV(JF HEV)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Optima HEV(JF HEV)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Optima HEV(JF HEV)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Optima HEV(JF HEV)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	1st Gear Lamp
Optima HEV(JF HEV)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear Lamp
Optima HEV(JF HEV)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear Lamp
Optima HEV(JF HEV)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	4th Gear Lamp

model	year	area	system	function	subfunction
Optima HEV(JF HEV)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	5th Gear Lamp
Optima HEV(JF HEV)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	6th Gear Lamp
Optima HEV(JF HEV)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engine Clutch Solenoid(for HEV)
Optima HEV(JF HEV)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Electric Oil Pump(for HEV)
Optima HEV(JF HEV)	2016	General Area	Telematics Unit	Version Information	
Optima HEV(JF HEV)	2016	General Area	Telematics Unit	Read Fault Code	
Optima HEV(JF HEV)	2016	General Area	Telematics Unit	Clear Fault Memory	
Optima HEV(JF HEV)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Optima HEV(JF HEV)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Optima HEV(JF HEV)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Optima HEV(JF HEV)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Optima HEV(JF HEV)	2016	General Area	VESS(Virtual Engine Sound System)	Version Information	
Optima HEV(JF HEV)	2016	General Area	VESS(Virtual Engine Sound System)	Read Fault Code	
Optima HEV(JF HEV)	2016	General Area	VESS(Virtual Engine Sound System)	Clear Fault Memory	
Optima HEV(JF HEV)	2016	General Area	VESS(Virtual Engine Sound System)	Actuation Test	VESS Sound Play(5 Sec)
Optima HEV(JF HEV)	2016	General Area	VESS(Virtual Engine Sound System)	Actuation Test	VESS Sound Play(Until Stop Command)
Optima HEV(TF HEV)	2015	General Area	AAF(Active Air Flap)	Version Information	
Optima HEV(TF HEV)	2015	General Area	AAF(Active Air Flap)	Read Fault Code	
Optima HEV(TF HEV)	2015	General Area	AAF(Active Air Flap)	Clear Fault Memory	
Optima HEV(TF HEV)	2015	General Area	AAF(Active Air Flap)	Read Data Stream	
Optima HEV(TF HEV)	2015	General Area	AAF(Active Air Flap)	Actuation Test	Manually Active Air Flap Open
Optima HEV(TF HEV)	2015	General Area	AAF(Active Air Flap)	Actuation Test	Manually Active Air Flap Close

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2015	General Area	AAF(Active Air Flap)	Actuation Test	Active Air Flap Test
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Version Information	
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-EPB/MOC disengaging
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-EPB/MOC engaging
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	In-Line mode-Apply/Release
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Release Valve #2
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Release Valve #1
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Apply Valve #1
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Apply Valve #2
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Cut Valve #1
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Cut Valve #2
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Simulator Valve #2
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Cut Valve Solenoid
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Release Valve Solenoid #1
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Release Valve Solenoid #2
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Apply Valve Solenoid #1
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Apply Valve Solenoid #2
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	SAS Calibration(CAN-ESP Only)

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/ DBC Only)
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Pressure Sensor Calibration
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Pedal Travel Sensor(PTS)Calibration
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Fluid Circulation Mode
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	High Pressure Release Mode
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Optima HEV(TF HEV)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	AHB Variant Coding
Optima HEV(TF HEV)	2015	General Area	AC(Air Conditioning)	Version Information	
Optima HEV(TF HEV)	2015	General Area	AC(Air Conditioning)	Read Fault Code	
Optima HEV(TF HEV)	2015	General Area	AC(Air Conditioning)	Clear Fault Memory	
Optima HEV(TF HEV)	2015	General Area	AC(Air Conditioning)	Read Data Stream	
Optima HEV(TF HEV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Optima HEV(TF HEV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Optima HEV(TF HEV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Optima HEV(TF HEV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Optima HEV(TF HEV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Optima HEV(TF HEV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Optima HEV(TF HEV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Optima HEV(TF HEV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Optima HEV(TF HEV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Optima HEV(TF HEV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Optima HEV(TF HEV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Optima HEV(TF HEV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-1Step
Optima HEV(TF HEV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-2Step
Optima HEV(TF HEV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-3Step
Optima HEV(TF HEV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-4Step
Optima HEV(TF HEV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-5Step
Optima HEV(TF HEV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-6Step
Optima HEV(TF HEV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-7Step
Optima HEV(TF HEV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-8Step
Optima HEV(TF HEV)	2015	General Area	AC(Air Conditioning)	Actuation Test	E-Comp-On
Optima HEV(TF HEV)	2015	General Area	AC(Air Conditioning)	Actuation Test	E-Comp-Off
Optima HEV(TF HEV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Optima HEV(TF HEV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Close
Optima HEV(TF HEV)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Optima HEV(TF HEV)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Optima HEV(TF HEV)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Optima HEV(TF HEV)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Optima HEV(TF HEV)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Optima HEV(TF HEV)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Optima HEV(TF HEV)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL normal position

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Optima HEV(TF HEV)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Setting&Zero position Initial
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Version Information	
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Read Fault Code	
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Clear Fault Memory	
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Read Data Stream	
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Cruise Indicator
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Seatbelt Indicator
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Door open indicator
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Starter Inhibit Relay
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Turn Left Signal
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Turn Right Signal
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Foot Lamp
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Relay
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid(Automatic Transmission)
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Outside Mirror Fold Relay
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Outside Mirror Unfold Relay
Optima HEV(TF HEV)	2015	General Area	BCM(Body Control Module)	Actuation Test	PAS Switch ON Indicator
Optima HEV(TF HEV)	2015	General Area	CODE(Transmitter Code Saving)	Read Data Stream	

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2015	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Version Information	
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Read Fault Code	
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Read Data Stream	
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Optima HEV(TF HEV)	2015	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Optima HEV(TF HEV)	2015	General Area	HEV Battery System	Version Information	
Optima HEV(TF HEV)	2015	General Area	HEV Battery System	Read Fault Code	
Optima HEV(TF HEV)	2015	General Area	HEV Battery System	Clear Fault Memory	
Optima HEV(TF HEV)	2015	General Area	HEV Battery System	Read Data Stream	
Optima HEV(TF HEV)	2015	General Area	HEV Battery System	Actuation Test	Fan 1st
Optima HEV(TF HEV)	2015	General Area	HEV Battery System	Actuation Test	Fan 2nd
Optima HEV(TF HEV)	2015	General Area	HEV Battery System	Actuation Test	Fan 3rd
Optima HEV(TF HEV)	2015	General Area	HEV Battery System	Actuation Test	Fan 4th
Optima HEV(TF HEV)	2015	General Area	HEV Battery System	Actuation Test	Fan 5th
Optima HEV(TF HEV)	2015	General Area	HEV Battery System	Actuation Test	Fan 6th
Optima HEV(TF HEV)	2015	General Area	HEV Battery System	Actuation Test	Fan 7th
Optima HEV(TF HEV)	2015	General Area	HEV Battery System	Actuation Test	Fan 8th

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2015	General Area	HEV Battery System	Actuation Test	Fan 9th
Optima HEV(TF HEV)	2015	General Area	HEV Battery System	Actuation Test	Fan Stop
Optima HEV(TF HEV)	2015	General Area	HEV Battery System	Actuation Test	Main Relay(-)ON
Optima HEV(TF HEV)	2015	General Area	HEV Battery System	Actuation Test	Precharge Relay ON
Optima HEV(TF HEV)	2015	General Area	HEV Battery System	Actuation Test	Main Relay(-),Precharge Relay ON simultaneous
Optima HEV(TF HEV)	2015	General Area	HEV Battery System	Actuation Test	Main Relay(-),Main Relay(+)ON
Optima HEV(TF HEV)	2015	General Area	HEV Battery System	Actuation Test	Main Relay(-)(+),Precharge Relay OFF simultaneous
Optima HEV(TF HEV)	2015	General Area	HEV Control System	Version Information	
Optima HEV(TF HEV)	2015	General Area	HEV Control System	Read Fault Code	
Optima HEV(TF HEV)	2015	General Area	HEV Control System	Clear Fault Memory	
Optima HEV(TF HEV)	2015	General Area	HEV Control System	Read Data Stream	
Optima HEV(TF HEV)	2015	General Area	HEV Control System	Special Function	E/C Fluid Pressure Cal.
Optima HEV(TF HEV)	2015	General Area	HEV Control System	Special Function	Engine Test On
Optima HEV(TF HEV)	2015	General Area	HEV Control System	Special Function	Engine Test Off
Optima HEV(TF HEV)	2015	General Area	HEV Control System	Special Function	LDC Activation Test
Optima HEV(TF HEV)	2015	General Area	HEV Motor Control System	Version Information	
Optima HEV(TF HEV)	2015	General Area	HEV Motor Control System	Read Fault Code	
Optima HEV(TF HEV)	2015	General Area	HEV Motor Control System	Clear Fault Memory	
Optima HEV(TF HEV)	2015	General Area	HEV Motor Control System	Read Data Stream	
Optima HEV(TF HEV)	2015	General Area	HEV Motor Control System	Actuation Test	Motor Speed Control
Optima HEV(TF HEV)	2015	General Area	HEV Motor Control System	Actuation Test	Motor Torque Control

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2015	General Area	HEV Motor Control System	Special Function	Motor HSG Resolver Calibration
Optima HEV(TF HEV)	2015	General Area	HEV Motor Control System	Special Function	Electric Water Pump Control
Optima HEV(TF HEV)	2015	General Area	IMMO(Immobilizer)	Read Data Stream	
Optima HEV(TF HEV)	2015	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Optima HEV(TF HEV)	2015	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Optima HEV(TF HEV)	2015	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Optima HEV(TF HEV)	2015	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Optima HEV(TF HEV)	2015	General Area	IMMO(Immobilizer)	Special Function	Teaching
Optima HEV(TF HEV)	2015	General Area	LDWS(Lane Departure Warning System)	Version Information	
Optima HEV(TF HEV)	2015	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Optima HEV(TF HEV)	2015	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Optima HEV(TF HEV)	2015	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Optima HEV(TF HEV)	2015	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Activation Switch LED
Optima HEV(TF HEV)	2015	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Left
Optima HEV(TF HEV)	2015	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Right
Optima HEV(TF HEV)	2015	General Area	LDWS(Lane Departure Warning System)	Actuation Test	ALL LEDs
Optima HEV(TF HEV)	2015	General Area	LDWS(Lane Departure Warning System)	Special Function	SPTAC Calibration
Optima HEV(TF HEV)	2015	General Area	LDWS(Lane Departure Warning System)	Special Function	LKAS/LDWS Variant Coding
Optima HEV(TF HEV)	2015	General Area	LDWS(Lane Departure Warning System)	Special Function	BSD Radar Calibration
Optima HEV(TF HEV)	2015	General Area	LDWS(Lane Departure Warning System)	Special Function	BSD Variant Coding
Optima HEV(TF HEV)	2015	General Area	LDWS(Lane Departure Warning System)	Special Function	BSD Variant Code Reading
Optima HEV(TF HEV)	2015	General Area	Low DC/DC Converter	Version Information	

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2015	General Area	Low DC/DC Converter	Read Fault Code	
Optima HEV(TF HEV)	2015	General Area	Low DC/DC Converter	Clear Fault Memory	
Optima HEV(TF HEV)	2015	General Area	Low DC/DC Converter	Read Data Stream	
Optima HEV(TF HEV)	2015	General Area	Power Steering	Version Information	
Optima HEV(TF HEV)	2015	General Area	Power Steering	Read Fault Code	
Optima HEV(TF HEV)	2015	General Area	Power Steering	Clear Fault Memory	
Optima HEV(TF HEV)	2015	General Area	Power Steering	Read Data Stream	
Optima HEV(TF HEV)	2015	General Area	Power Steering	Special Function	ASP Calibration
Optima HEV(TF HEV)	2015	General Area	Power Steering	Special Function	EPS Type Recognition
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Version Information	
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Read Fault Code	
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Clear Fault Memory	
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Read Data Stream	
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED White
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Actuation Test	ACC Relay
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Actuation Test	IGN2 Relay

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Actuation Test	Starter Relay
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Actuation Test	External Buzzer
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna 1
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna 2
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna 3
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Special Function	Neutralization Mode
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Special Function	SMK Status Information
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Special Function	ESCL Status Information
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Special Function	ESCL Open Status Check

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Optima HEV(TF HEV)	2015	General Area	Smart Key Unit	Special Function	Antenna Status Check
Optima HEV(TF HEV)	2015	General Area	SPAS(Smart Parking Assist System)	Version Information	
Optima HEV(TF HEV)	2015	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Optima HEV(TF HEV)	2015	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Optima HEV(TF HEV)	2015	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Optima HEV(TF HEV)	2015	General Area	SPAS(Smart Parking Assist System)	Actuation Test	Speaker Activation
Optima HEV(TF HEV)	2015	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation
Optima HEV(TF HEV)	2015	General Area	TCM(Transmission Control Module)	Version Information	
Optima HEV(TF HEV)	2015	General Area	TCM(Transmission Control Module)	Read Fault Code	
Optima HEV(TF HEV)	2015	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima HEV(TF HEV)	2015	General Area	TCM(Transmission Control Module)	Read Data Stream	
Optima HEV(TF HEV)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Optima HEV(TF HEV)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Optima HEV(TF HEV)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Optima HEV(TF HEV)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Optima HEV(TF HEV)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Optima HEV(TF HEV)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Optima HEV(TF HEV)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	1st Gear Lamp
Optima HEV(TF HEV)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear Lamp
Optima HEV(TF HEV)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear Lamp
Optima HEV(TF HEV)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	4th Gear Lamp
Optima HEV(TF HEV)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	5th Gear Lamp
Optima HEV(TF HEV)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	6th Gear Lamp
Optima HEV(TF HEV)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Engine Clutch Solenoid
Optima HEV(TF HEV)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Electric Oil Pump
Optima HEV(TF HEV)	2015	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Optima HEV(TF HEV)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Optima HEV(TF HEV)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Optima HEV(TF HEV)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Optima HEV(TF HEV)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Optima HEV(TF HEV)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Optima HEV(TF HEV)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Optima HEV(TF HEV)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Optima HEV(TF HEV)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Optima HEV(TF HEV)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Optima HEV(TF HEV)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Optima HEV(TF HEV)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Optima HEV(TF HEV)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Optima HEV(TF HEV)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Optima HEV(TF HEV)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Optima HEV(TF HEV)	2014	General Area	AAF(Active Air Flap)	Version Information	
Optima HEV(TF HEV)	2014	General Area	AAF(Active Air Flap)	Read Fault Code	
Optima HEV(TF HEV)	2014	General Area	AAF(Active Air Flap)	Clear Fault Memory	
Optima HEV(TF HEV)	2014	General Area	AAF(Active Air Flap)	Read Data Stream	
Optima HEV(TF HEV)	2014	General Area	AAF(Active Air Flap)	Actuation Test	Manually Active Air Flap Open
Optima HEV(TF HEV)	2014	General Area	AAF(Active Air Flap)	Actuation Test	Manually Active Air Flap Close
Optima HEV(TF HEV)	2014	General Area	AAF(Active Air Flap)	Actuation Test	Active Air Flap Test
Optima HEV(TF HEV)	2014	General Area	ABS(Anti-Lock Brake System)	Version Information	
Optima HEV(TF HEV)	2014	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Optima HEV(TF HEV)	2014	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Optima HEV(TF HEV)	2014	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Optima HEV(TF HEV)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Optima HEV(TF HEV)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Optima HEV(TF HEV)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Optima HEV(TF HEV)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Optima HEV(TF HEV)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Optima HEV(TF HEV)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Optima HEV(TF HEV)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Optima HEV(TF HEV)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Optima HEV(TF HEV)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Optima HEV(TF HEV)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Optima HEV(TF HEV)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
Optima HEV(TF HEV)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
Optima HEV(TF HEV)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Optima HEV(TF HEV)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Optima HEV(TF HEV)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Optima HEV(TF HEV)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Optima HEV(TF HEV)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Cut Valve Solenoid
Optima HEV(TF HEV)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Release Valve Solenoid #1
Optima HEV(TF HEV)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Release Valve Solenoid #2
Optima HEV(TF HEV)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Apply Valve Solenoid #1
Optima HEV(TF HEV)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Apply Valve Solenoid #2
Optima HEV(TF HEV)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Optima HEV(TF HEV)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/ DBC Only)
Optima HEV(TF HEV)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Optima HEV(TF HEV)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	AHB Variant Coding
Optima HEV(TF HEV)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	Pressure Sensor Calibration
Optima HEV(TF HEV)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	Pedal Travel Sensor(PTS)Calibration
Optima HEV(TF HEV)	2014	General Area	AC(Air Conditioning)	Version Information	
Optima HEV(TF HEV)	2014	General Area	AC(Air Conditioning)	Read Fault Code	
Optima HEV(TF HEV)	2014	General Area	AC(Air Conditioning)	Clear Fault Memory	

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2014	General Area	AC(Air Conditioning)	Read Data Stream	
Optima HEV(TF HEV)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Optima HEV(TF HEV)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Optima HEV(TF HEV)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Optima HEV(TF HEV)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Optima HEV(TF HEV)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Optima HEV(TF HEV)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Optima HEV(TF HEV)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Optima HEV(TF HEV)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Optima HEV(TF HEV)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Optima HEV(TF HEV)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Optima HEV(TF HEV)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Optima HEV(TF HEV)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Optima HEV(TF HEV)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-1Step
Optima HEV(TF HEV)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-2Step
Optima HEV(TF HEV)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-3Step
Optima HEV(TF HEV)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-4Step
Optima HEV(TF HEV)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-5Step
Optima HEV(TF HEV)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-6Step
Optima HEV(TF HEV)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-7Step
Optima HEV(TF HEV)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-8Step
Optima HEV(TF HEV)	2014	General Area	AC(Air Conditioning)	Actuation Test	E-Comp-On

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2014	General Area	AC(Air Conditioning)	Actuation Test	E-Comp-Off
Optima HEV(TF HEV)	2014	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Optima HEV(TF HEV)	2014	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Close
Optima HEV(TF HEV)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Optima HEV(TF HEV)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Optima HEV(TF HEV)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Optima HEV(TF HEV)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Optima HEV(TF HEV)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Optima HEV(TF HEV)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Optima HEV(TF HEV)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL normal position
Optima HEV(TF HEV)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Optima HEV(TF HEV)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Setting&Zero position Initial
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Version Information	
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Read Fault Code	
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Clear Fault Memory	
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Read Data Stream	
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Cruise Indicator
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Seatbelt Indicator
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Door open indicator
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the foremost position(SLIDE)

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the last position(SLIDE)
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the foremost position(RECLINE)
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the last position(RECLINE)
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the highest position(FR HEIGHT)
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the lowest position(FR HEIGHT)
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the highest position(RR HEIGHT)
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the lowest position(RR HEIGHT)
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Starter inhibit relay
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Turn Left Signal
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Turn Right Signal
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head lamp washer relay
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Foot lamp
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Optima HEV(TF HEV)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Optima HEV(TF HEV)	2014	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Optima HEV(TF HEV)	2014	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Version Information	
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Read Fault Code	
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Read Data Stream	
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Optima HEV(TF HEV)	2014	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Optima HEV(TF HEV)	2014	General Area	HEV Battery System	Version Information	
Optima HEV(TF HEV)	2014	General Area	HEV Battery System	Read Fault Code	
Optima HEV(TF HEV)	2014	General Area	HEV Battery System	Clear Fault Memory	
Optima HEV(TF HEV)	2014	General Area	HEV Battery System	Read Data Stream	
Optima HEV(TF HEV)	2014	General Area	HEV Battery System	Actuation Test	Fan 1st
Optima HEV(TF HEV)	2014	General Area	HEV Battery System	Actuation Test	Fan 2nd
Optima HEV(TF HEV)	2014	General Area	HEV Battery System	Actuation Test	Fan 3rd
Optima HEV(TF HEV)	2014	General Area	HEV Battery System	Actuation Test	Fan 4th

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2014	General Area	HEV Battery System	Actuation Test	Fan 5th
Optima HEV(TF HEV)	2014	General Area	HEV Battery System	Actuation Test	Fan 6th
Optima HEV(TF HEV)	2014	General Area	HEV Battery System	Actuation Test	Fan 7th
Optima HEV(TF HEV)	2014	General Area	HEV Battery System	Actuation Test	Fan 8th
Optima HEV(TF HEV)	2014	General Area	HEV Battery System	Actuation Test	Fan 9th
Optima HEV(TF HEV)	2014	General Area	HEV Control System	Version Information	
Optima HEV(TF HEV)	2014	General Area	HEV Control System	Read Fault Code	
Optima HEV(TF HEV)	2014	General Area	HEV Control System	Clear Fault Memory	
Optima HEV(TF HEV)	2014	General Area	HEV Control System	Read Data Stream	
Optima HEV(TF HEV)	2014	General Area	HEV Control System	Special Function	E/C Fluid Pressure Cal.
Optima HEV(TF HEV)	2014	General Area	HEV Control System	Special Function	Engine Test On
Optima HEV(TF HEV)	2014	General Area	HEV Control System	Special Function	Engine Test Off
Optima HEV(TF HEV)	2014	General Area	HEV Control System	Special Function	LDC Activation Test
Optima HEV(TF HEV)	2014	General Area	HEV Motor Control System	Version Information	
Optima HEV(TF HEV)	2014	General Area	HEV Motor Control System	Read Fault Code	
Optima HEV(TF HEV)	2014	General Area	HEV Motor Control System	Clear Fault Memory	
Optima HEV(TF HEV)	2014	General Area	HEV Motor Control System	Read Data Stream	
Optima HEV(TF HEV)	2014	General Area	HEV Motor Control System	Actuation Test	Motor Speed Control
Optima HEV(TF HEV)	2014	General Area	HEV Motor Control System	Actuation Test	Motor Torque Control
Optima HEV(TF HEV)	2014	General Area	HEV Motor Control System	Special Function	Motor HSG Resolver Calibration
Optima HEV(TF HEV)	2014	General Area	HEV Motor Control System	Special Function	Electric Water Pump Control
Optima HEV(TF HEV)	2014	General Area	IMMO(Immobilizer)	Read Data Stream	

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2014	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Optima HEV(TF HEV)	2014	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Optima HEV(TF HEV)	2014	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Optima HEV(TF HEV)	2014	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Optima HEV(TF HEV)	2014	General Area	IMMO(Immobilizer)	Special Function	Teaching
Optima HEV(TF HEV)	2014	General Area	Low DC/DC Converter	Version Information	
Optima HEV(TF HEV)	2014	General Area	Low DC/DC Converter	Read Fault Code	
Optima HEV(TF HEV)	2014	General Area	Low DC/DC Converter	Clear Fault Memory	
Optima HEV(TF HEV)	2014	General Area	Low DC/DC Converter	Read Data Stream	
Optima HEV(TF HEV)	2014	General Area	Power Steering	Version Information	
Optima HEV(TF HEV)	2014	General Area	Power Steering	Read Fault Code	
Optima HEV(TF HEV)	2014	General Area	Power Steering	Clear Fault Memory	
Optima HEV(TF HEV)	2014	General Area	Power Steering	Read Data Stream	
Optima HEV(TF HEV)	2014	General Area	Power Steering	Special Function	ASP Calibration
Optima HEV(TF HEV)	2014	General Area	Power Steering	Special Function	EPS Type Recognition
Optima HEV(TF HEV)	2014	General Area	Smart Key Unit	Version Information	
Optima HEV(TF HEV)	2014	General Area	Smart Key Unit	Read Fault Code	
Optima HEV(TF HEV)	2014	General Area	Smart Key Unit	Clear Fault Memory	
Optima HEV(TF HEV)	2014	General Area	Smart Key Unit	Read Data Stream	
Optima HEV(TF HEV)	2014	General Area	Smart Key Unit	Actuation Test	External Buzzer
Optima HEV(TF HEV)	2014	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Optima HEV(TF HEV)	2014	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Optima HEV(TF HEV)	2014	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2014	General Area	Smart Key Unit	Actuation Test	FOB Holder Illumination
Optima HEV(TF HEV)	2014	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Optima HEV(TF HEV)	2014	General Area	Smart Key Unit	Actuation Test	ACC Relay
Optima HEV(TF HEV)	2014	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Optima HEV(TF HEV)	2014	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Optima HEV(TF HEV)	2014	General Area	Smart Key Unit	Actuation Test	START Relay
Optima HEV(TF HEV)	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna 1
Optima HEV(TF HEV)	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna 2
Optima HEV(TF HEV)	2014	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Optima HEV(TF HEV)	2014	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Optima HEV(TF HEV)	2014	General Area	Smart Key Unit	Actuation Test	Driver Door Handle Antenna
Optima HEV(TF HEV)	2014	General Area	Smart Key Unit	Actuation Test	Assist Door Handle Antenna
Optima HEV(TF HEV)	2014	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Optima HEV(TF HEV)	2014	General Area	Smart Key Unit	Special Function	Neutralization Mode
Optima HEV(TF HEV)	2014	General Area	Smart Key Unit	Special Function	SMK Status Information
Optima HEV(TF HEV)	2014	General Area	Smart Key Unit	Special Function	ESCL Status Information
Optima HEV(TF HEV)	2014	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Optima HEV(TF HEV)	2014	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Optima HEV(TF HEV)	2014	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Optima HEV(TF HEV)	2014	General Area	Smart Key Unit	Special Function	Antenna Status Check
Optima HEV(TF HEV)	2014	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Optima HEV(TF HEV)	2014	General Area	TCM(Transmission Control Module)	Version Information	

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2014	General Area	TCM(Transmission Control Module)	Read Fault Code	
Optima HEV(TF HEV)	2014	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima HEV(TF HEV)	2014	General Area	TCM(Transmission Control Module)	Read Data Stream	
Optima HEV(TF HEV)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Optima HEV(TF HEV)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Optima HEV(TF HEV)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Optima HEV(TF HEV)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Optima HEV(TF HEV)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Optima HEV(TF HEV)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Optima HEV(TF HEV)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
Optima HEV(TF HEV)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	1st Gear Lamp
Optima HEV(TF HEV)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear Lamp
Optima HEV(TF HEV)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear Lamp
Optima HEV(TF HEV)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	4th Gear Lamp
Optima HEV(TF HEV)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	5th Gear Lamp
Optima HEV(TF HEV)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	6th Gear Lamp
Optima HEV(TF HEV)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Engine Clutch Solenoid
Optima HEV(TF HEV)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Electric Oil Pump
Optima HEV(TF HEV)	2014	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Optima HEV(TF HEV)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Optima HEV(TF HEV)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Optima HEV(TF HEV)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Optima HEV(TF HEV)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Optima HEV(TF HEV)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Optima HEV(TF HEV)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Optima HEV(TF HEV)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Optima HEV(TF HEV)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Optima HEV(TF HEV)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Optima HEV(TF HEV)	2013	General Area	AAF(Active Air Flap)	Version Information	
Optima HEV(TF HEV)	2013	General Area	AAF(Active Air Flap)	Read Fault Code	
Optima HEV(TF HEV)	2013	General Area	AAF(Active Air Flap)	Clear Fault Memory	
Optima HEV(TF HEV)	2013	General Area	AAF(Active Air Flap)	Read Data Stream	
Optima HEV(TF HEV)	2013	General Area	AAF(Active Air Flap)	Actuation Test	Manually Active Air Flap Open
Optima HEV(TF HEV)	2013	General Area	AAF(Active Air Flap)	Actuation Test	Manually Active Air Flap Close
Optima HEV(TF HEV)	2013	General Area	AAF(Active Air Flap)	Actuation Test	Active Air Flap Test
Optima HEV(TF HEV)	2013	General Area	ABS(Anti-Lock Brake System)	Version Information	
Optima HEV(TF HEV)	2013	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Optima HEV(TF HEV)	2013	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Optima HEV(TF HEV)	2013	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Optima HEV(TF HEV)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Optima HEV(TF HEV)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Optima HEV(TF HEV)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Optima HEV(TF HEV)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Optima HEV(TF HEV)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Optima HEV(TF HEV)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Optima HEV(TF HEV)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Optima HEV(TF HEV)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Optima HEV(TF HEV)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Optima HEV(TF HEV)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Optima HEV(TF HEV)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
Optima HEV(TF HEV)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
Optima HEV(TF HEV)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Optima HEV(TF HEV)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Optima HEV(TF HEV)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Optima HEV(TF HEV)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Optima HEV(TF HEV)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Cut Valve Solenoid
Optima HEV(TF HEV)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Release Valve Solenoid #1
Optima HEV(TF HEV)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Release Valve Solenoid #2
Optima HEV(TF HEV)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Apply Valve Solenoid #1
Optima HEV(TF HEV)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Apply Valve Solenoid #2
Optima HEV(TF HEV)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Optima HEV(TF HEV)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/ DBC Only)

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Optima HEV(TF HEV)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	AHB Variant Coding
Optima HEV(TF HEV)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	Pressure Sensor Calibration
Optima HEV(TF HEV)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	Pedal Travel Sensor(PTS)Calibration
Optima HEV(TF HEV)	2013	General Area	AC(Air Conditioning)	Version Information	
Optima HEV(TF HEV)	2013	General Area	AC(Air Conditioning)	Read Fault Code	
Optima HEV(TF HEV)	2013	General Area	AC(Air Conditioning)	Clear Fault Memory	
Optima HEV(TF HEV)	2013	General Area	AC(Air Conditioning)	Read Data Stream	
Optima HEV(TF HEV)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Optima HEV(TF HEV)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Optima HEV(TF HEV)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Optima HEV(TF HEV)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Optima HEV(TF HEV)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Optima HEV(TF HEV)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Optima HEV(TF HEV)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Optima HEV(TF HEV)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Optima HEV(TF HEV)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Optima HEV(TF HEV)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Optima HEV(TF HEV)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Optima HEV(TF HEV)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Optima HEV(TF HEV)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-1Step
Optima HEV(TF HEV)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-2Step

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-3Step
Optima HEV(TF HEV)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-4Step
Optima HEV(TF HEV)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-5Step
Optima HEV(TF HEV)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-6Step
Optima HEV(TF HEV)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-7Step
Optima HEV(TF HEV)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-8Step
Optima HEV(TF HEV)	2013	General Area	AC(Air Conditioning)	Actuation Test	E-Comp-On
Optima HEV(TF HEV)	2013	General Area	AC(Air Conditioning)	Actuation Test	E-Comp-Off
Optima HEV(TF HEV)	2013	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Optima HEV(TF HEV)	2013	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Close
Optima HEV(TF HEV)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Optima HEV(TF HEV)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Optima HEV(TF HEV)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Optima HEV(TF HEV)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Optima HEV(TF HEV)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Optima HEV(TF HEV)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Optima HEV(TF HEV)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL normal position
Optima HEV(TF HEV)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Optima HEV(TF HEV)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Setting&Zero position Initial
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Version Information	
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Clear Fault Memory	
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Read Data Stream	
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Cruise Indicator
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Seatbelt Indicator
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door open indicator
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the foremost position(SLIDE)
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the last position(SLIDE)
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the foremost position(RECLINE)
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the last position(RECLINE)
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the highest position(FR HEIGHT)
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the lowest position(FR HEIGHT)
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the highest position(RR HEIGHT)
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the lowest position(RR HEIGHT)
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Starter inhibit relay
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Turn Left Signal
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Turn Right Signal
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head lamp washer relay
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Foot lamp
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Optima HEV(TF HEV)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Optima HEV(TF HEV)	2013	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Optima HEV(TF HEV)	2013	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Version Information	
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Read Fault Code	
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Read Data Stream	
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Optima HEV(TF HEV)	2013	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Optima HEV(TF HEV)	2013	General Area	HEV Battery System	Version Information	

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2013	General Area	HEV Battery System	Read Fault Code	
Optima HEV(TF HEV)	2013	General Area	HEV Battery System	Clear Fault Memory	
Optima HEV(TF HEV)	2013	General Area	HEV Battery System	Read Data Stream	
Optima HEV(TF HEV)	2013	General Area	HEV Battery System	Actuation Test	Fan 1st
Optima HEV(TF HEV)	2013	General Area	HEV Battery System	Actuation Test	Fan 2nd
Optima HEV(TF HEV)	2013	General Area	HEV Battery System	Actuation Test	Fan 3rd
Optima HEV(TF HEV)	2013	General Area	HEV Battery System	Actuation Test	Fan 4th
Optima HEV(TF HEV)	2013	General Area	HEV Battery System	Actuation Test	Fan 5th
Optima HEV(TF HEV)	2013	General Area	HEV Battery System	Actuation Test	Fan 6th
Optima HEV(TF HEV)	2013	General Area	HEV Battery System	Actuation Test	Fan 7th
Optima HEV(TF HEV)	2013	General Area	HEV Battery System	Actuation Test	Fan 8th
Optima HEV(TF HEV)	2013	General Area	HEV Battery System	Actuation Test	Fan 9th
Optima HEV(TF HEV)	2013	General Area	HEV Control System	Version Information	
Optima HEV(TF HEV)	2013	General Area	HEV Control System	Read Fault Code	
Optima HEV(TF HEV)	2013	General Area	HEV Control System	Clear Fault Memory	
Optima HEV(TF HEV)	2013	General Area	HEV Control System	Read Data Stream	
Optima HEV(TF HEV)	2013	General Area	HEV Control System	Special Function	E/C Fluid Pressure Cal.
Optima HEV(TF HEV)	2013	General Area	HEV Control System	Special Function	Engine Test On
Optima HEV(TF HEV)	2013	General Area	HEV Control System	Special Function	Engine Test Off
Optima HEV(TF HEV)	2013	General Area	HEV Control System	Special Function	LDC Activation Test
Optima HEV(TF HEV)	2013	General Area	HEV Motor Control System	Version Information	
Optima HEV(TF HEV)	2013	General Area	HEV Motor Control System	Read Fault Code	
Optima HEV(TF HEV)	2013	General Area	HEV Motor Control System	Clear Fault Memory	

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2013	General Area	HEV Motor Control System	Read Data Stream	
Optima HEV(TF HEV)	2013	General Area	HEV Motor Control System	Actuation Test	Motor Speed Control
Optima HEV(TF HEV)	2013	General Area	HEV Motor Control System	Actuation Test	Motor Torque Control
Optima HEV(TF HEV)	2013	General Area	HEV Motor Control System	Special Function	Motor HSG Resolver Calibration
Optima HEV(TF HEV)	2013	General Area	HEV Motor Control System	Special Function	Electric Water Pump Control
Optima HEV(TF HEV)	2013	General Area	IMMO(Immobilizer)	Read Data Stream	
Optima HEV(TF HEV)	2013	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Optima HEV(TF HEV)	2013	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Optima HEV(TF HEV)	2013	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Optima HEV(TF HEV)	2013	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Optima HEV(TF HEV)	2013	General Area	IMMO(Immobilizer)	Special Function	Teaching
Optima HEV(TF HEV)	2013	General Area	Low DC/DC Converter	Version Information	
Optima HEV(TF HEV)	2013	General Area	Low DC/DC Converter	Read Fault Code	
Optima HEV(TF HEV)	2013	General Area	Low DC/DC Converter	Clear Fault Memory	
Optima HEV(TF HEV)	2013	General Area	Low DC/DC Converter	Read Data Stream	
Optima HEV(TF HEV)	2013	General Area	Power Steering	Version Information	
Optima HEV(TF HEV)	2013	General Area	Power Steering	Read Fault Code	
Optima HEV(TF HEV)	2013	General Area	Power Steering	Clear Fault Memory	
Optima HEV(TF HEV)	2013	General Area	Power Steering	Read Data Stream	
Optima HEV(TF HEV)	2013	General Area	Power Steering	Special Function	ASP Calibration
Optima HEV(TF HEV)	2013	General Area	Power Steering	Special Function	EPS Type Recognition
Optima HEV(TF HEV)	2013	General Area	Smart Key Unit	Version Information	

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2013	General Area	Smart Key Unit	Read Fault Code	
Optima HEV(TF HEV)	2013	General Area	Smart Key Unit	Clear Fault Memory	
Optima HEV(TF HEV)	2013	General Area	Smart Key Unit	Read Data Stream	
Optima HEV(TF HEV)	2013	General Area	Smart Key Unit	Actuation Test	External Buzzer
Optima HEV(TF HEV)	2013	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Optima HEV(TF HEV)	2013	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Optima HEV(TF HEV)	2013	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Optima HEV(TF HEV)	2013	General Area	Smart Key Unit	Actuation Test	FOB Holder Illumination
Optima HEV(TF HEV)	2013	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Optima HEV(TF HEV)	2013	General Area	Smart Key Unit	Actuation Test	ACC Relay
Optima HEV(TF HEV)	2013	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Optima HEV(TF HEV)	2013	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Optima HEV(TF HEV)	2013	General Area	Smart Key Unit	Actuation Test	START Relay
Optima HEV(TF HEV)	2013	General Area	Smart Key Unit	Actuation Test	Interior Antenna 1
Optima HEV(TF HEV)	2013	General Area	Smart Key Unit	Actuation Test	Interior Antenna 2
Optima HEV(TF HEV)	2013	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Optima HEV(TF HEV)	2013	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Optima HEV(TF HEV)	2013	General Area	Smart Key Unit	Actuation Test	Driver Door Handle Antenna
Optima HEV(TF HEV)	2013	General Area	Smart Key Unit	Actuation Test	Assist Door Handle Antenna
Optima HEV(TF HEV)	2013	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Optima HEV(TF HEV)	2013	General Area	Smart Key Unit	Special Function	Neutralization Mode
Optima HEV(TF HEV)	2013	General Area	Smart Key Unit	Special Function	SMK Status Information
Optima HEV(TF HEV)	2013	General Area	Smart Key Unit	Special Function	ESCL Status Information

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2013	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Optima HEV(TF HEV)	2013	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Optima HEV(TF HEV)	2013	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Optima HEV(TF HEV)	2013	General Area	Smart Key Unit	Special Function	Antenna Status Check
Optima HEV(TF HEV)	2013	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Optima HEV(TF HEV)	2013	General Area	TCM(Transmission Control Module)	Version Information	
Optima HEV(TF HEV)	2013	General Area	TCM(Transmission Control Module)	Read Fault Code	
Optima HEV(TF HEV)	2013	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima HEV(TF HEV)	2013	General Area	TCM(Transmission Control Module)	Read Data Stream	
Optima HEV(TF HEV)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Optima HEV(TF HEV)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Optima HEV(TF HEV)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Optima HEV(TF HEV)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Optima HEV(TF HEV)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Optima HEV(TF HEV)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Optima HEV(TF HEV)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
Optima HEV(TF HEV)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	1st Gear Lamp
Optima HEV(TF HEV)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear Lamp
Optima HEV(TF HEV)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear Lamp

model	year	area	system	function	subfunction
Optima HEV(TF HEV)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	4th Gear Lamp
Optima HEV(TF HEV)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	5th Gear Lamp
Optima HEV(TF HEV)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	6th Gear Lamp
Optima HEV(TF HEV)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Engine Clutch Solenoid
Optima HEV(TF HEV)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Electric Oil Pump
Optima HEV(TF HEV)	2013	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Optima HEV(TF HEV)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Optima HEV(TF HEV)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Optima HEV(TF HEV)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Optima HEV(TF HEV)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Optima HEV(TF HEV)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Optima HEV(TF HEV)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Optima HEV(TF HEV)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Optima HEV(TF HEV)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Optima HEV(TF HEV)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Optima HEV(TF HEV)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Optima(JF)	2016	General Area	ABS(Anti-Lock Brake System)	Version Information	
Optima(JF)	2016	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Optima(JF)	2016	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Optima(JF)	2016	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Optima(JF)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Optima(JF)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Optima(JF)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front

model	year	area	system	function	subfunction
Optima(JF)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Optima(JF)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Optima(JF)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Optima(JF)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Optima(JF)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Optima(JF)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Optima(JF)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Optima(JF)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Optima(JF)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Optima(JF)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Optima(JF)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	HAC Brake Lamp Actuator
Optima(JF)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Lamp
Optima(JF)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Release Motor RH(Caliper Type Only)
Optima(JF)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Apply Motor RH(Caliper Type Only)
Optima(JF)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Release Motor LH(Caliper Type Only)
Optima(JF)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Apply Motor LH(Caliper Type Only)
Optima(JF)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Release(Cable Type Only)

model	year	area	system	function	subfunction
Optima(JF)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Apply(Cable Type
Optima(JF)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Optima(JF)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Optima(JF)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	EPB Warning Lamp-ON
Optima(JF)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	EPB Warning Lamp-OFF
Optima(JF)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	EPB Status Lamp-ON
Optima(JF)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	EPB Status Lamp-OFF
Optima(JF)	2016	General Area	AC(Air Conditioning)	Version	
Optima(JF)	2016	General Area	AC(Air Conditioning)	Read Fault Code	
Optima(JF)	2016	General Area	AC(Air Conditioning)	Clear Fault	
Optima(JF)	2016	General Area	AC(Air Conditioning)	Read Data	
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-VENT
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-FLOOR
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-DEF.
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Intake Door-Fresh
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Intake Door-
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-Off
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-1Step
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-2Step

model	year	area	system	function	subfunction
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-3Step
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-4Step
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-5Step
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-6Step
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-7Step
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-8Step
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Close
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Vent
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Floor
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defog
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Temperature Air Mix Door 0%
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Temperature Air Mix Door 50%
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Temperature Air Mix Door 100%
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Mode Door-Vent
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Mode Door-BI-Level
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Mode Door-Floor
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console On Door
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Off Door
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Air Flow Door-0%
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Air Flow Door-50%
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Air Flow Door-100%

model	year	area	system	function	subfunction
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Flow Door-0%
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Flow Door-50%
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Flow Door-100%
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Driver B-PILLAR Door-0%
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Driver B-PILLAR Door-
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Passenger B-PILLAR Door-0%
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Passenger B-PILLAR Door-
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-Off
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-1Step
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-2Step
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-3Step
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-4Step
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-5Step
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-6Step
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-7Step
Optima(JF)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-8Step
Optima(JF)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Optima(JF)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Optima(JF)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Optima(JF)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Optima(JF)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Optima(JF)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Middle(Center)Position

model	year	area	system	function	subfunction
Optima(JF)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Optima(JF)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	DBL(Dynamic Bending Light)Max(RH)Position
Optima(JF)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	DBL(Dynamic Bending Light)Middle Position-Center
Optima(JF)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	DBL(Dynamic Bending Light)Max(LH)Position
Optima(JF)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class C
Optima(JF)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class V
Optima(JF)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class E
Optima(JF)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class E1
Optima(JF)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class E2
Optima(JF)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class HIGH
Optima(JF)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class W
Optima(JF)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test LED OFF
Optima(JF)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SBL Function Test SBL LH ON
Optima(JF)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SBL Function Test SBL RH ON
Optima(JF)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SBL function Test SBL ON(ALL)
Optima(JF)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	AFLS AIM'G Mode
Optima(JF)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL normal position
Optima(JF)	2016	General Area	BCM(Body Control Module)	Version Information	
Optima(JF)	2016	General Area	BCM(Body Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Optima(JF)	2016	General Area	BCM(Body Control Module)	Clear Fault Memory	
Optima(JF)	2016	General Area	BCM(Body Control Module)	Read Data Stream	
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal

model	year	area	system	function	subfunction
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay

model	year	area	system	function	subfunction
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay(with Safety P/WDW Enable)
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator(Option)
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator(Option)
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output

model	year	area	system	function	subfunction
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay

model	year	area	system	function	subfunction
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination(Manual Key Type)
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Output
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Indicator
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Map Lamp Output
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Alt'L Signal Out
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Lamp
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Washer Motor Output
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Washer Motor Output
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	3Lh SBR Left Indicator
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	3Rh SBR Center Indicator
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Safety ECU Enable
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Heated Washer Nozzle Output
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Defogger Indicator
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Heated Glass Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	EMS Wakeup Output
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Fuel Door Open Solenoid Output
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mood Lamp 1 Output
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mood Lamp 2 Output

model	year	area	system	function	subfunction
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mood Lamp 3 Output
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Position Horizontal Output
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Position Vertical Output
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Signal
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Power Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window Up
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Highest Position
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Lowest Position
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Left Position
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Right Position
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Fold
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Unfold
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Puddle Lamp
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Lock
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Unlock
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Repeater

model	year	area	system	function	subfunction
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	BSD Indicator
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Courtesy Lamp
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Heater Control
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Auto Up
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Auto
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Up
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Down
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Pocket Light Output(Option)
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Illumination
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Window Lock to Assist Door
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window Up
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Highest Position
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Lowest Position
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Left Position

model	year	area	system	function	subfunction
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Right Position
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Fold
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Unfold
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Drive Side Puddle Lamp
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Lock
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Side Repeater
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Courtesy Lamp
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Heater Control
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Window Auto Up
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Auto
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Up
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Down
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Auto Up
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Auto
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Up
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Down
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Auto
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Up
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Down
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Window Lock to Driver Door

model	year	area	system	function	subfunction
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Pocket Lamp(Both Left and Right)
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Mood Lamp(Both Left and Right)
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Courtesy Lamp
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Courtesy Lamp
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Door Curtain Up(Only Windows Close
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Door Curtain Down(Only Windows Close Status)
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Door Curtain Up(Only Windows Close
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Door Curtain Down(Only Windows Close Status)
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist BSD Indicator
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain re-Initialize
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear illumination
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)

model	year	area	system	function	subfunction
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(Headrest
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(Headrest
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Foremost Position(Cushion Extension)
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Last Position(Cushion Extension)
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay

model	year	area	system	function	subfunction
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Parasitic Current Auto-Block IPS
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt Indicator
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt Indicator
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt Indicator
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left/Right
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Right
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	High Mounted Stop Lamp
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	RL Door Lock Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	RL Door Unlock Relay
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Up
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Down
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Left
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Right

model	year	area	system	function	subfunction
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window DOWN
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window UP
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window DOWN
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LOCK
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Courtesy Lamp
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Power Window UP
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Power Window DOWN
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window UP
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Charging Status LED(Yellow)On
Optima(JF)	2016	General Area	BCM(Body Control Module)	Actuation Test	Charging Status LED(Green)On
Optima(JF)	2016	General Area	BCM(Body Control Module)	Special Function	CLU Variant Coding
Optima(JF)	2016	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting
Optima(JF)	2016	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Optima(JF)	2016	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Version Information	
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Read Fault Code	
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Read Data Stream	
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control

model	year	area	system	function	subfunction
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor

model	year	area	system	function	subfunction
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Electrically Controlled Water Pump
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Nu LPI Option)
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Theta LPI Option)
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Electrical Water Heater
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PTC Relay
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp

model	year	area	system	function	subfunction
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Main Water Pump
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #1 Actuation
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #2 Actuation
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #3 Actuation
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #4 Actuation
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Relay
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GRU(Glow Relay Unit)15%Duty
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 10%
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 90%
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 10%
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 90%
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 10%
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 90%
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 5%
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 95%
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed PWM Output
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 5%
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 95%
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 5%

model	year	area	system	function	subfunction
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 95%
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 5%
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 95%
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control Actuator(2000
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Special Function	Resetting E-CVVT Values
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Special Function	CVVL Correction Value Automatic Learning
Optima(JF)	2016	General Area	ECM(Engine Control Module)	Special Function	CVVL Correction Value Manual Learning
Optima(JF)	2016	General Area	ECS(Electronic Control Suspension)	Version Information	
Optima(JF)	2016	General Area	ECS(Electronic Control Suspension)	Read Fault Code	
Optima(JF)	2016	General Area	ECS(Electronic Control Suspension)	Clear Fault Memory	
Optima(JF)	2016	General Area	ECS(Electronic Control Suspension)	Read Data Stream	
Optima(JF)	2016	General Area	IMMO(Immobilizer)	Read Fault Code	
Optima(JF)	2016	General Area	IMMO(Immobilizer)	Clear Fault	

model	year	area	system	function	subfunction
Optima(JF)	2016	General Area	IMMO(Immobilizer)	Read Data	
Optima(JF)	2016	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Optima(JF)	2016	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Optima(JF)	2016	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Optima(JF)	2016	General Area	IMMO(Immobilizer)	Special Function	Teaching
Optima(JF)	2016	General Area	LDWS(Lane Departure Warning System)	Version Information	
Optima(JF)	2016	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Optima(JF)	2016	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Optima(JF)	2016	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Optima(JF)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Left Mirror LED ON
Optima(JF)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Left Mirror LED Blinking
Optima(JF)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Right Mirror LED ON
Optima(JF)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Right Mirror LED Blinking
Optima(JF)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	BSD Switch LED ON/OFF
Optima(JF)	2016	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Optima(JF)	2016	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Optima(JF)	2016	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Optima(JF)	2016	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Optima(JF)	2016	General Area	PGS(Parking Guide System)	Version Information	
Optima(JF)	2016	General Area	PGS(Parking Guide System)	Read Fault Code	
Optima(JF)	2016	General Area	PGS(Parking Guide System)	Clear Fault Memory	
Optima(JF)	2016	General Area	PGS(Parking Guide System)	Read Data Stream	
Optima(JF)	2016	General Area	SCC(Smart Cruise Control)	Version Information	
Optima(JF)	2016	General Area	SCC(Smart Cruise Control)	Read Fault Code	
Optima(JF)	2016	General Area	SCC(Smart Cruise Control)	Clear Fault Memory	

model	year	area	system	function	subfunction
Optima(JF)	2016	General Area	SCC(Smart Cruise Control)	Read Data Stream	
Optima(JF)	2016	General Area	Smart Key Unit	Version	
Optima(JF)	2016	General Area	Smart Key Unit	Read Fault Code	
Optima(JF)	2016	General Area	Smart Key Unit	Clear Fault	
Optima(JF)	2016	General Area	Smart Key Unit	Read Data	
Optima(JF)	2016	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Optima(JF)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Optima(JF)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Optima(JF)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED White
Optima(JF)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Optima(JF)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Optima(JF)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Optima(JF)	2016	General Area	Smart Key Unit	Actuation Test	ACC Relay
Optima(JF)	2016	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Optima(JF)	2016	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Optima(JF)	2016	General Area	Smart Key Unit	Actuation Test	Starter Relay
Optima(JF)	2016	General Area	Smart Key Unit	Actuation Test	External Buzzer
Optima(JF)	2016	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Optima(JF)	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Optima(JF)	2016	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Optima(JF)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Optima(JF)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Optima(JF)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Optima(JF)	2016	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Optima(JF)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Optima(JF)	2016	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Optima(JF)	2016	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Optima(JF)	2016	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Optima(JF)	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Optima(JF)	2016	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Optima(JF)	2016	General Area	SPAS(Smart Parking Assist System)	Version Information	
Optima(JF)	2016	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	

model	year	area	system	function	subfunction
Optima(JF)	2016	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Optima(JF)	2016	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Optima(JF)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima(JF)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima(JF)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima(JF)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima(JF)	2016	General Area	SVMS(Surround View Monitor System)	Version Information	
Optima(JF)	2016	General Area	SVMS(Surround View Monitor System)	Read Fault Code	
Optima(JF)	2016	General Area	SVMS(Surround View Monitor System)	Clear Fault Memory	
Optima(JF)	2016	General Area	SVMS(Surround View Monitor System)	Read Data Stream	
Optima(JF)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-SVM View
Optima(JF)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-SVM View
Optima(JF)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Left View
Optima(JF)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Left View
Optima(JF)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Right View
Optima(JF)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Right View
Optima(JF)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Wide View
Optima(JF)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Wide View
Optima(JF)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 25%
Optima(JF)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 100%
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Version Information	

model	year	area	system	function	subfunction
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Read Fault Code	
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Read Data Stream	
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	1st Gear Lamp
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear Lamp
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear Lamp
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	4th Gear Lamp
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	5th Gear Lamp
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	6th Gear Lamp
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Clutch Reference Position Check
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Clutch(20mm)

model	year	area	system	function	subfunction
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Clutch(20mm)
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Both Clutch(20mm)
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Self Opening of Odd Clutch
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Self Opening of Even Clutch
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Gear Actuator Reference Check
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(1st Gear)
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(2nd Gear)
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(3rd Gear)
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(4th Gear)
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(5th Gear)
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(6th Gear)
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(7th Gear)
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(R Gear)
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Gear Neutral
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Lug Alignment
Optima(JF)	2016	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Optima(JF)	2016	General Area	Telematics Unit	Version	
Optima(JF)	2016	General Area	Telematics Unit	Read Fault Code	
Optima(JF)	2016	General Area	Telematics Unit	Clear Fault	
Optima(JF)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Optima(JF)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Optima(JF)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Optima(JF)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Optima(JFA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Version Information	

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Optima(JFA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Optima(JFA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Optima(JFA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Optima(JFA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Optima(JFA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Optima(JFA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Optima(JFA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Optima(JFA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Optima(JFA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Optima(JFA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Optima(JFA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Optima(JFA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Optima(JFA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Optima(JFA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Optima(JFA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	HAC Brake Lamp Actuator
Optima(JFA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Lamp
Optima(JFA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Release Motor RH(Caliper Type Only)
Optima(JFA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Apply Motor RH(Caliper Type Only)
Optima(JFA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Release Motor LH(Caliper Type Only)
Optima(JFA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Apply Motor LH(Caliper Type Only)
Optima(JFA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Release(Cable Type Only)
Optima(JFA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Apply(Cable Type
Optima(JFA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Optima(JFA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Optima(JFA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	EPB Warning Lamp-ON
Optima(JFA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	EPB Warning Lamp-OFF

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	EPB Status Lamp-ON
Optima(JFA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	EPB Status Lamp-OFF
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Version Information	
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Read Fault Code	
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Clear Fault Memory	
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Read Data Stream	
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-VENT
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-FLOOR
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-DEF.

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Intake Door-Fresh
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Intake Door-Recirc
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-Off
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-1Step
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-2Step
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-3Step
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-4Step
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-5Step
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-6Step
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-7Step
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-8Step
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Close

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Vent
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Floor
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defog
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Temperature Air Mix Door 0%
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Temperature Air Mix Door 50%
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Temperature Air Mix Door 100%
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Mode Door-Vent
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Mode Door-BI-Level
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Mode Door-Floor
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Console On Door
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Off Door
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Air Flow Door-0%
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Air Flow Door-50%
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Air Flow Door-100%
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Flow Door-0%

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Flow Door-50%
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Flow Door-100%
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Driver B-PILLAR Door-0%
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Driver B-PILLAR Door-100%
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Passenger B-PILLAR Door-0%
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Passenger B-PILLAR Door-100%
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-Off
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-1Step
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-2Step
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-3Step
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-4Step
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-5Step
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-6Step
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-7Step
Optima(JFA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-8Step

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Optima(JFA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Optima(JFA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Optima(JFA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Optima(JFA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Optima(JFA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Middle(Center)Position
Optima(JFA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Optima(JFA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	DBL(Dynamic Bending Light)Max(RH)Position
Optima(JFA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	DBL(Dynamic Bending Light)Middle Position-Center
Optima(JFA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	DBL(Dynamic Bending Light)Max(LH)Position
Optima(JFA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class C
Optima(JFA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class V
Optima(JFA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class E
Optima(JFA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class E1

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class E2
Optima(JFA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class HIGH
Optima(JFA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class W
Optima(JFA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test LED OFF
Optima(JFA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SBL Function Test SBL LH ON
Optima(JFA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SBL Function Test SBL RH ON
Optima(JFA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SBL function Test SBL ON(ALL)
Optima(JFA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	LED AFLS AIM'G Mode
Optima(JFA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL normal position
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Version Information	
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Read Fault Code	
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Clear Fault Memory	
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Read Data Stream	
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window Auto Up
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window Auto Down

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window Up
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window Down
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Highest Position
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Lowest Position
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Left Position
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Right Position
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Fold
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Unfold
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Puddle Lamp
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Lock
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Unlock
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Repeater
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp Output(Option)

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	BSD Indicator
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Courtesy Lamp
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Heater Control
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Auto Up
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Auto Down
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Up
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Down
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Pocket Light Output(Option)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Illumination
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Window Lock to Assist Door Module
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS Off Indicator)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay(with Safety P/WDW Enable)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Up Relay

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to PTGM)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to PTGM)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator(Option)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator(Option)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator(Option)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer Left(Option)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer Right(Option)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination(Manual Key Type)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Output
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Indicator
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Map Lamp Output
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Alt'L Signal Out
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Lamp Output

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Washer Motor Output
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Washer Motor Output
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	3Lh SBR Left Indicator
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	3Rh SBR Center Indicator
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Safety ECU Enable Output(High)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Heated Washer Nozzle Output
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Defogger Indicator
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Heated Glass Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	EMS Wakeup Output
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Fuel Door Open Solenoid Output
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Mood Lamp 1 Output
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Mood Lamp 2 Output
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Mood Lamp 3 Output
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Position Horizontal Output
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Position Vertical Output

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Signal
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Power Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window Auto Up
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window Auto Down
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window Up
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window Down
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Highest Position
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Lowest Position
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Left Position
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Right Position
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Fold
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Unfold
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Drive Side Puddle Lamp

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Lock
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Side Repeater
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Courtesy Lamp
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Heater Control
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Window Auto Up
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Auto Down
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Up
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Down
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Auto Up
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Auto Down
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Up
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Down
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Auto Down
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Up

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Down
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Window Lock to Driver Door Module
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Pocket Lamp(Both Left and Right)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Mood Lamp(Both Left and Right)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Courtesy Lamp
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Courtesy Lamp
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Door Curtain Up(Only Windows Close
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Door Curtain Down(Only Windows Close Status)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Door Curtain Up(Only Windows Close
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Door Curtain Down(Only Windows Close Status)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist BSD Indicator
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain re-Initialize
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear illumination

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(Headrest
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(Headrest
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Foremost Position(Cushion Extension)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Last Position(Cushion Extension)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay(Option)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Parasitic Current Auto-Block IPS
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt Indicator
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt Indicator
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt Indicator
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left/Right
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Right
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	High Mounted Stop Lamp Output
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	RL Door Lock Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	RL Door Unlock Relay
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Up
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Down
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Left

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Right
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window DOWN
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window UP
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window DOWN
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LOCK
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Courtesy Lamp
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Power Window UP
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Power Window DOWN
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window UP
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Charging Status LED(Yellow)On
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Charging Status LED(Green)On
Optima(JFA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Special Function	CLU Variant Coding
Optima(JFA)-For Mexico only	2016	General Area	CCS(Cruise Control System)	Version Information	
Optima(JFA)-For Mexico only	2016	General Area	CCS(Cruise Control System)	Read Fault Code	
Optima(JFA)-For Mexico only	2016	General Area	CCS(Cruise Control System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	CCS(Cruise Control System)	Read Data Stream	
Optima(JFA)-For Mexico only	2016	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Optima(JFA)-For Mexico only	2016	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Version Information	
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Read Fault Code	
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Read Data Stream	
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2 Only)
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G ROOM)(LPI)
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator Lamp(LPI)
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High Speed
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low Speed
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#1
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#2
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#3
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#4
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Option)
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible fuel

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Valve
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Electrically Controlled Water Pump
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Nu LPI Option)
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Theta LPI Option)
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd stage)
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump Control

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump Control2
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold Start for FFV
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer Trim(Leaded
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#5
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#6
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#7
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#8
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Special Function	Resetting E-CVVT Values
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Optima(JFA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Optima(JFA)-For Mexico only	2016	General Area	IMMO(Immobilizer)	Read Fault Code	

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	IMMO(Immobilizer)	Clear Fault Memory	
Optima(JFA)-For Mexico only	2016	General Area	IMMO(Immobilizer)	Read Data Stream	
Optima(JFA)-For Mexico only	2016	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changing
Optima(JFA)-For Mexico only	2016	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Optima(JFA)-For Mexico only	2016	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Optima(JFA)-For Mexico only	2016	General Area	IMMO(Immobilizer)	Special Function	Teaching
Optima(JFA)-For Mexico only	2016	General Area	LDWS(Lane Departure Warning System)	Version Information	
Optima(JFA)-For Mexico only	2016	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Optima(JFA)-For Mexico only	2016	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Optima(JFA)-For Mexico only	2016	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Optima(JFA)-For Mexico only	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Left Mirror LED ON
Optima(JFA)-For Mexico only	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Left Mirror LED Blinking
Optima(JFA)-For Mexico only	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Right Mirror LED ON
Optima(JFA)-For Mexico only	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Right Mirror LED Blinking
Optima(JFA)-For Mexico only	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	BSD Switch LED ON/OFF

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Optima(JFA)-For Mexico only	2016	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Optima(JFA)-For Mexico only	2016	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Optima(JFA)-For Mexico only	2016	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Optima(JFA)-For Mexico only	2016	General Area	ODS(Occupant Detection Sensor)	Version Information	
Optima(JFA)-For Mexico only	2016	General Area	ODS(Occupant Detection Sensor)	Read Fault Code	
Optima(JFA)-For Mexico only	2016	General Area	ODS(Occupant Detection Sensor)	Clear Fault Memory	
Optima(JFA)-For Mexico only	2016	General Area	ODS(Occupant Detection Sensor)	Read Data Stream	
Optima(JFA)-For Mexico only	2016	General Area	PGS(Parking Guide System)	Version Information	
Optima(JFA)-For Mexico only	2016	General Area	PGS(Parking Guide System)	Read Fault Code	
Optima(JFA)-For Mexico only	2016	General Area	PGS(Parking Guide System)	Clear Fault Memory	
Optima(JFA)-For Mexico only	2016	General Area	PGS(Parking Guide System)	Read Data Stream	
Optima(JFA)-For Mexico only	2016	General Area	Smart Key Unit	Version Information	
Optima(JFA)-For Mexico only	2016	General Area	Smart Key Unit	Read Fault Code	
Optima(JFA)-For Mexico only	2016	General Area	Smart Key Unit	Clear Fault Memory	

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	Smart Key Unit	Read Data Stream	
Optima(JFA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Optima(JFA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Optima(JFA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Optima(JFA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	SSB LED White
Optima(JFA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Optima(JFA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Optima(JFA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Optima(JFA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	ACC Relay
Optima(JFA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Optima(JFA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Optima(JFA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	Starter Relay
Optima(JFA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	External Buzzer
Optima(JFA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Optima(JFA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Optima(JFA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Optima(JFA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna 1
Optima(JFA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna 2
Optima(JFA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Optima(JFA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna 3
Optima(JFA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Optima(JFA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Optima(JFA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Optima(JFA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Optima(JFA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Optima(JFA)-For Mexico only	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima(JFA)-For Mexico only	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima(JFA)-For Mexico only	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima(JFA)-For Mexico only	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	SVMS(Surround View Monitor System)	Version Information	
Optima(JFA)-For Mexico only	2016	General Area	SVMS(Surround View Monitor System)	Read Fault Code	
Optima(JFA)-For Mexico only	2016	General Area	SVMS(Surround View Monitor System)	Clear Fault Memory	
Optima(JFA)-For Mexico only	2016	General Area	SVMS(Surround View Monitor System)	Read Data Stream	
Optima(JFA)-For Mexico only	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-SVM View
Optima(JFA)-For Mexico only	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-SVM View
Optima(JFA)-For Mexico only	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Left View
Optima(JFA)-For Mexico only	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Left View
Optima(JFA)-For Mexico only	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Right View
Optima(JFA)-For Mexico only	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Right View
Optima(JFA)-For Mexico only	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Wide View
Optima(JFA)-For Mexico only	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Wide View
Optima(JFA)-For Mexico only	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 25%
Optima(JFA)-For Mexico only	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 100%
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Version Information	

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Read Fault Code	
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Read Data Stream	
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	1st Gear Lamp
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear Lamp
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear Lamp
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	4th Gear Lamp

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	5th Gear Lamp
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	6th Gear Lamp
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Clutch Reference Position Check
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Clutch(20mm)
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Clutch(20mm)
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Both Clutch(20mm)
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Self Opening of Odd Clutch
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Self Opening of Even Clutch
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Gear Actuator Reference Check
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(1st Gear)
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(2nd Gear)
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(3rd Gear)
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(4th Gear)
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(5th Gear)
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(6th Gear)

model	year	area	system	function	subfunction
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(7th Gear)
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(R Gear)
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Gear Neutral
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Lug Alignment
Optima(JFA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Optima(JFA)-For Mexico only	2016	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Optima(JFA)-For Mexico only	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Optima(JFA)-For Mexico only	2016	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Optima(JFA)-For Mexico only	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Optima(TF)	2015	General Area	ABS(Anti-Lock Brake System)	Version Information	
Optima(TF)	2015	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Optima(TF)	2015	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Optima(TF)	2015	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Optima(TF)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-EPB/MOC disengaging
Optima(TF)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-EPB/MOC engaging
Optima(TF)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	In-Line mode-Apply/Release
Optima(TF)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply

model	year	area	system	function	subfunction
Optima(TF)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Optima(TF)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Optima(TF)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Optima(TF)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Optima(TF)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Optima(TF)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Optima(TF)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Optima(TF)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Optima(TF)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Optima(TF)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Optima(TF)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Optima(TF)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Optima(TF)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
Optima(TF)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
Optima(TF)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Optima(TF)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Optima(TF)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Optima(TF)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Optima(TF)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Optima(TF)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode

model	year	area	system	function	subfunction
Optima(TF)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	SAS Calibration(CAN-ESP Only)
Optima(TF)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/ DBC Only)
Optima(TF)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Optima(TF)	2015	General Area	AC(Air Conditioning)	Version	
Optima(TF)	2015	General Area	AC(Air Conditioning)	Read Fault Code	
Optima(TF)	2015	General Area	AC(Air Conditioning)	Clear Fault	
Optima(TF)	2015	General Area	AC(Air Conditioning)	Read Data	
Optima(TF)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Optima(TF)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Optima(TF)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Optima(TF)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Optima(TF)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Optima(TF)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Optima(TF)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Optima(TF)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Optima(TF)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Optima(TF)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Optima(TF)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Optima(TF)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Optima(TF)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-1Step
Optima(TF)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-2Step
Optima(TF)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-3Step
Optima(TF)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-4Step

model	year	area	system	function	subfunction
Optima(TF)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-5Step
Optima(TF)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-6Step
Optima(TF)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-7Step
Optima(TF)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-8Step
Optima(TF)	2015	General Area	AC(Air Conditioning)	Actuation Test	E-Comp-On
Optima(TF)	2015	General Area	AC(Air Conditioning)	Actuation Test	E-Comp-Off
Optima(TF)	2015	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Optima(TF)	2015	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Close
Optima(TF)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Optima(TF)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Optima(TF)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Optima(TF)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Optima(TF)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Optima(TF)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Optima(TF)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL normal position
Optima(TF)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Optima(TF)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Setting&Zero position Initial
Optima(TF)	2015	General Area	BCM(Body Control Module)	Version Information	
Optima(TF)	2015	General Area	BCM(Body Control Module)	Read Fault Code	
Optima(TF)	2015	General Area	BCM(Body Control Module)	Clear Fault Memory	
Optima(TF)	2015	General Area	BCM(Body Control Module)	Read Data Stream	
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Cruise Indicator
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Seatbelt Indicator

model	year	area	system	function	subfunction
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Door open indicator
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Starter Inhibit Relay

model	year	area	system	function	subfunction
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Turn Left Signal
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Turn Right Signal
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Foot Lamp
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)

model	year	area	system	function	subfunction
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Relay
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid(Automatic Transmission)
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Outside Mirror Fold Relay
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	Outside Mirror Unfold Relay
Optima(TF)	2015	General Area	BCM(Body Control Module)	Actuation Test	PAS Switch ON Indicator
Optima(TF)	2015	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Optima(TF)	2015	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Version Information	
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Read Fault Code	
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Read Data Stream	
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay

model	year	area	system	function	subfunction
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)

model	year	area	system	function	subfunction
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay(M/T Only)
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected

model	year	area	system	function	subfunction
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 5%
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 95%
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 5%
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 95%
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test

model	year	area	system	function	subfunction
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Special Function	CVVL Correction Value Automatic Learning
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Special Function	CVVL Correction Value Manual Learning
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Special Function	Essential Work After Component Replacement
Optima(TF)	2015	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Optima(TF)	2015	General Area	IMMO(Immobilizer)	Read Data	
Optima(TF)	2015	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Optima(TF)	2015	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Optima(TF)	2015	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Optima(TF)	2015	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Optima(TF)	2015	General Area	IMMO(Immobilizer)	Special Function	Teaching
Optima(TF)	2015	General Area	LDWS(Lane Departure Warning System)	Version Information	
Optima(TF)	2015	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Optima(TF)	2015	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Optima(TF)	2015	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Optima(TF)	2015	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Activation Switch LED
Optima(TF)	2015	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Left
Optima(TF)	2015	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Right
Optima(TF)	2015	General Area	LDWS(Lane Departure Warning System)	Actuation Test	ALL LEDs
Optima(TF)	2015	General Area	LDWS(Lane Departure Warning System)	Special Function	SPTAC Calibration

model	year	area	system	function	subfunction
Optima(TF)	2015	General Area	LDWS(Lane Departure Warning System)	Special Function	LKAS Variant Coding
Optima(TF)	2015	General Area	LDWS(Lane Departure Warning System)	Special Function	BSD Radar Calibration
Optima(TF)	2015	General Area	LDWS(Lane Departure Warning System)	Special Function	BSD Variant Coding
Optima(TF)	2015	General Area	LDWS(Lane Departure Warning System)	Special Function	BSD Variant Code Reading
Optima(TF)	2015	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Optima(TF)	2015	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Optima(TF)	2015	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Optima(TF)	2015	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Optima(TF)	2015	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Optima(TF)	2015	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Optima(TF)	2015	General Area	Smart Key Unit	Version	
Optima(TF)	2015	General Area	Smart Key Unit	Read Fault Code	
Optima(TF)	2015	General Area	Smart Key Unit	Clear Fault	
Optima(TF)	2015	General Area	Smart Key Unit	Read Data	
Optima(TF)	2015	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Optima(TF)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Optima(TF)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Optima(TF)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED White
Optima(TF)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Optima(TF)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Optima(TF)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Optima(TF)	2015	General Area	Smart Key Unit	Actuation Test	ACC Relay
Optima(TF)	2015	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Optima(TF)	2015	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Optima(TF)	2015	General Area	Smart Key Unit	Actuation Test	Starter Relay
Optima(TF)	2015	General Area	Smart Key Unit	Actuation Test	External Buzzer
Optima(TF)	2015	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Optima(TF)	2015	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Optima(TF)	2015	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Optima(TF)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Optima(TF)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna

model	year	area	system	function	subfunction
Optima(TF)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Optima(TF)	2015	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Optima(TF)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Optima(TF)	2015	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Optima(TF)	2015	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Optima(TF)	2015	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Optima(TF)	2015	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Optima(TF)	2015	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Optima(TF)	2015	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Optima(TF)	2015	General Area	Smart Key Unit	Special Function	Neutralization Mode
Optima(TF)	2015	General Area	Smart Key Unit	Special Function	SMK Status Information
Optima(TF)	2015	General Area	Smart Key Unit	Special Function	ESCL Status Information
Optima(TF)	2015	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Optima(TF)	2015	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Optima(TF)	2015	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Optima(TF)	2015	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Optima(TF)	2015	General Area	Smart Key Unit	Special Function	Antenna Status Check
Optima(TF)	2015	General Area	SPAS(Smart Parking Assist System)	Version Information	
Optima(TF)	2015	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Optima(TF)	2015	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Optima(TF)	2015	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Optima(TF)	2015	General Area	SPAS(Smart Parking Assist System)	Actuation Test	Speaker Activation
Optima(TF)	2015	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation

model	year	area	system	function	subfunction
Optima(TF)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima(TF)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima(TF)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima(TF)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima(TF)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Optima(TF)	2015	General Area	TCM(Transmission Control Module)	Version Information	
Optima(TF)	2015	General Area	TCM(Transmission Control Module)	Read Fault Code	
Optima(TF)	2015	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima(TF)	2015	General Area	TCM(Transmission Control Module)	Read Data Stream	
Optima(TF)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Optima(TF)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Optima(TF)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Optima(TF)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Optima(TF)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Optima(TF)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Optima(TF)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'

model	year	area	system	function	subfunction
Optima(TF)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Optima(TF)	2015	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Optima(TF)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Optima(TF)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Optima(TF)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Optima(TF)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Optima(TF)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Optima(TF)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Optima(TF)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Optima(TF)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Optima(TF)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Optima(TF)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Optima(TF)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Optima(TF)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Optima(TF)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Optima(TF)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Optima(TF)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Optima(TF)	2014	General Area	ABS(Anti-Lock Brake System)	Version Information	
Optima(TF)	2014	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Optima(TF)	2014	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Optima(TF)	2014	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Optima(TF)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-EPB/MOC disengaging

model	year	area	system	function	subfunction
Optima(TF)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-EPB/MOC engaging
Optima(TF)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	In-Line mode-Apply/Release
Optima(TF)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Optima(TF)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Optima(TF)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Optima(TF)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Optima(TF)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Optima(TF)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Optima(TF)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Optima(TF)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Optima(TF)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Optima(TF)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Optima(TF)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Optima(TF)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Optima(TF)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Optima(TF)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
Optima(TF)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
Optima(TF)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Optima(TF)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Optima(TF)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Optima(TF)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)

model	year	area	system	function	subfunction
Optima(TF)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Optima(TF)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Optima(TF)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	SAS Calibration(CAN-ESP Only)
Optima(TF)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Optima(TF)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Optima(TF)	2014	General Area	AC(Air Conditioning)	Version	
Optima(TF)	2014	General Area	AC(Air Conditioning)	Read Fault Code	
Optima(TF)	2014	General Area	AC(Air Conditioning)	Clear Fault	
Optima(TF)	2014	General Area	AC(Air Conditioning)	Read Data	
Optima(TF)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Optima(TF)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Optima(TF)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Optima(TF)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Optima(TF)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Optima(TF)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Optima(TF)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Optima(TF)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Optima(TF)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Optima(TF)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Optima(TF)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Optima(TF)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Optima(TF)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-1Step

model	year	area	system	function	subfunction
Optima(TF)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-2Step
Optima(TF)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-3Step
Optima(TF)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-4Step
Optima(TF)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-5Step
Optima(TF)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-6Step
Optima(TF)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-7Step
Optima(TF)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-8Step
Optima(TF)	2014	General Area	AC(Air Conditioning)	Actuation Test	E-Comp-On
Optima(TF)	2014	General Area	AC(Air Conditioning)	Actuation Test	E-Comp-Off
Optima(TF)	2014	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Optima(TF)	2014	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Close
Optima(TF)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Optima(TF)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Optima(TF)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Optima(TF)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Optima(TF)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Optima(TF)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Optima(TF)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL normal position
Optima(TF)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Optima(TF)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Setting&Zero position Initial
Optima(TF)	2014	General Area	BCM(Body Control Module)	Version Information	
Optima(TF)	2014	General Area	BCM(Body Control Module)	Read Fault Code	
Optima(TF)	2014	General Area	BCM(Body Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Optima(TF)	2014	General Area	BCM(Body Control Module)	Read Data Stream	
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Cruise Indicator
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Seatbelt Indicator
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Door open indicator
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay

model	year	area	system	function	subfunction
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Starter Inhibit Relay
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Turn Left Signal
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Turn Right Signal
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Foot Lamp
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)

model	year	area	system	function	subfunction
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Relay
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid(Automatic Transmission)
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Outside Mirror Fold Relay
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	Outside Mirror Unfold Relay
Optima(TF)	2014	General Area	BCM(Body Control Module)	Actuation Test	PAS Switch ON Indicator
Optima(TF)	2014	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Optima(TF)	2014	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Version Information	
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Read Fault Code	
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Read Data Stream	
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)

model	year	area	system	function	subfunction
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2

model	year	area	system	function	subfunction
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay(M/T Only)
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay

model	year	area	system	function	subfunction
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 5%
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 95%
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 5%
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 95%
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values

model	year	area	system	function	subfunction
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Special Function	CVVL Correction Value Automatic Learning
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Special Function	CVVL Correction Value Manual Learning
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Special Function	Essential Work After Component Replacement
Optima(TF)	2014	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Optima(TF)	2014	General Area	IMMO(Immobilizer)	Read Data	
Optima(TF)	2014	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Optima(TF)	2014	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Optima(TF)	2014	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Optima(TF)	2014	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Optima(TF)	2014	General Area	IMMO(Immobilizer)	Special Function	Teaching
Optima(TF)	2014	General Area	LDWS(Lane Departure Warning System)	Version Information	
Optima(TF)	2014	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Optima(TF)	2014	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Optima(TF)	2014	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Optima(TF)	2014	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Activation Switch LED
Optima(TF)	2014	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Left

model	year	area	system	function	subfunction
Optima(TF)	2014	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Right
Optima(TF)	2014	General Area	LDWS(Lane Departure Warning System)	Actuation Test	ALL LEDs
Optima(TF)	2014	General Area	LDWS(Lane Departure Warning System)	Special Function	SPTAC Calibration
Optima(TF)	2014	General Area	LDWS(Lane Departure Warning System)	Special Function	LKAS Variant Coding
Optima(TF)	2014	General Area	LDWS(Lane Departure Warning System)	Special Function	BSD Radar Calibration
Optima(TF)	2014	General Area	LDWS(Lane Departure Warning System)	Special Function	BSD Variant Coding
Optima(TF)	2014	General Area	LDWS(Lane Departure Warning System)	Special Function	BSD Variant Code Reading
Optima(TF)	2014	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Optima(TF)	2014	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Optima(TF)	2014	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Optima(TF)	2014	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Optima(TF)	2014	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Optima(TF)	2014	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Optima(TF)	2014	General Area	Smart Key Unit	Version	
Optima(TF)	2014	General Area	Smart Key Unit	Read Fault Code	
Optima(TF)	2014	General Area	Smart Key Unit	Clear Fault	
Optima(TF)	2014	General Area	Smart Key Unit	Read Data	
Optima(TF)	2014	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Optima(TF)	2014	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Optima(TF)	2014	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Optima(TF)	2014	General Area	Smart Key Unit	Actuation Test	SSB LED White
Optima(TF)	2014	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Optima(TF)	2014	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Optima(TF)	2014	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Optima(TF)	2014	General Area	Smart Key Unit	Actuation Test	ACC Relay
Optima(TF)	2014	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Optima(TF)	2014	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Optima(TF)	2014	General Area	Smart Key Unit	Actuation Test	Starter Relay
Optima(TF)	2014	General Area	Smart Key Unit	Actuation Test	External Buzzer
Optima(TF)	2014	General Area	Smart Key Unit	Actuation Test	Key Out Indicator

model	year	area	system	function	subfunction
Optima(TF)	2014	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Optima(TF)	2014	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Optima(TF)	2014	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Optima(TF)	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Optima(TF)	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Optima(TF)	2014	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Optima(TF)	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Optima(TF)	2014	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Optima(TF)	2014	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Optima(TF)	2014	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Optima(TF)	2014	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Optima(TF)	2014	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Optima(TF)	2014	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Optima(TF)	2014	General Area	Smart Key Unit	Special Function	Neutralization Mode
Optima(TF)	2014	General Area	Smart Key Unit	Special Function	SMK Status Information
Optima(TF)	2014	General Area	Smart Key Unit	Special Function	ESCL Status Information
Optima(TF)	2014	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Optima(TF)	2014	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Optima(TF)	2014	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Optima(TF)	2014	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Optima(TF)	2014	General Area	Smart Key Unit	Special Function	Antenna Status Check
Optima(TF)	2014	General Area	SPAS(Smart Parking Assist System)	Version Information	
Optima(TF)	2014	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Optima(TF)	2014	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Optima(TF)	2014	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	

model	year	area	system	function	subfunction
Optima(TF)	2014	General Area	SPAS(Smart Parking Assist System)	Actuation Test	Speaker Activation
Optima(TF)	2014	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation
Optima(TF)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima(TF)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima(TF)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima(TF)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima(TF)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Optima(TF)	2014	General Area	TCM(Transmission Control Module)	Version Information	
Optima(TF)	2014	General Area	TCM(Transmission Control Module)	Read Fault Code	
Optima(TF)	2014	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima(TF)	2014	General Area	TCM(Transmission Control Module)	Read Data Stream	
Optima(TF)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Optima(TF)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Optima(TF)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Optima(TF)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Optima(TF)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Optima(TF)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)

model	year	area	system	function	subfunction
Optima(TF)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Optima(TF)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Optima(TF)	2014	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Optima(TF)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Optima(TF)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Optima(TF)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Optima(TF)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Optima(TF)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Optima(TF)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Optima(TF)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Optima(TF)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Optima(TF)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Optima(TF)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Optima(TF)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Optima(TF)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Optima(TF)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Optima(TF)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Optima(TF)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Optima(TF)	2013	General Area	ABS(Anti-Lock Brake System)	Version Information	
Optima(TF)	2013	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Optima(TF)	2013	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Optima(TF)	2013	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	

model	year	area	system	function	subfunction
Optima(TF)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-EPB/MOC disengaging
Optima(TF)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-EPB/MOC engaging
Optima(TF)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	In-Line mode-Apply/Release
Optima(TF)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Optima(TF)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Optima(TF)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Optima(TF)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Optima(TF)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Optima(TF)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Optima(TF)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Optima(TF)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Optima(TF)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Optima(TF)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Optima(TF)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Optima(TF)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Optima(TF)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Optima(TF)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
Optima(TF)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
Optima(TF)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Optima(TF)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Optima(TF)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)

model	year	area	system	function	subfunction
Optima(TF)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Optima(TF)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	SAS Calibration(CAN-ESP Only)
Optima(TF)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Optima(TF)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset
Optima(TF)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor
Optima(TF)	2013	General Area	AC(Air Conditioning)	Version	
Optima(TF)	2013	General Area	AC(Air Conditioning)	Read Fault Code	
Optima(TF)	2013	General Area	AC(Air Conditioning)	Clear Fault	
Optima(TF)	2013	General Area	AC(Air Conditioning)	Read Data	
Optima(TF)	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Optima(TF)	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Optima(TF)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Optima(TF)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Optima(TF)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Optima(TF)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Optima(TF)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Optima(TF)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Optima(TF)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Optima(TF)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Optima(TF)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Optima(TF)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Optima(TF)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Optima(TF)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Optima(TF)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Optima(TF)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh

model	year	area	system	function	subfunction
Optima(TF)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Optima(TF)	2013	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Optima(TF)	2013	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Optima(TF)	2013	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Optima(TF)	2013	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Optima(TF)	2013	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Optima(TF)	2013	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Optima(TF)	2013	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Optima(TF)	2013	General Area	BCM(Body Control Module)	Version Information	
Optima(TF)	2013	General Area	BCM(Body Control Module)	Read Fault Code	
Optima(TF)	2013	General Area	BCM(Body Control Module)	Clear Fault Memory	
Optima(TF)	2013	General Area	BCM(Body Control Module)	Read Data Stream	
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Cruise Indicator
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Seatbelt Indicator
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door open indicator
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the foremost position(SLIDE)
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the last position(SLIDE)
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the foremost position(RECLINE)
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the last position(RECLINE)
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the highest position(FR HEIGHT)

model	year	area	system	function	subfunction
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the lowest position(FR HEIGHT)
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the highest position(RR HEIGHT)
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the lowest position(RR HEIGHT)
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Starter inhibit relay
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Turn Left Signal
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Turn Right Signal
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)

model	year	area	system	function	subfunction
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head lamp washer relay
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Foot lamp
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Optima(TF)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Optima(TF)	2013	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Optima(TF)	2013	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Version Information	

model	year	area	system	function	subfunction
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Read Fault Code	
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Read Data Stream	
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)

model	year	area	system	function	subfunction
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 5%
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 95%
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 5%
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 95%
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 5%
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 76%
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 5%

model	year	area	system	function	subfunction
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 95%
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Starter Relay
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Special Function	CVVL Correction Value Automatic Learning
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Special Function	CVVL Correction Value Manual Learning
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Optima(TF)	2013	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Optima(TF)	2013	General Area	Head Lamp	Version	
Optima(TF)	2013	General Area	Head Lamp	Read Fault Code	
Optima(TF)	2013	General Area	Head Lamp	Clear Fault	

model	year	area	system	function	subfunction
Optima(TF)	2013	General Area	Head Lamp	Read Data	
Optima(TF)	2013	General Area	Head Lamp	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Optima(TF)	2013	General Area	Head Lamp	Actuation Test	HLL(Head Lamp Leveling)Max(Hig h)Position
Optima(TF)	2013	General Area	Head Lamp	Actuation Test	HLL normal position
Optima(TF)	2013	General Area	Head Lamp	Special Function	Headlamp
Optima(TF)	2013	General Area	Head Lamp	Special Function	Parameter Setting&Zero position Initial
Optima(TF)	2013	General Area	IMMO(Immobilizer)	Read Data	
Optima(TF)	2013	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Optima(TF)	2013	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Optima(TF)	2013	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Optima(TF)	2013	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Optima(TF)	2013	General Area	IMMO(Immobilizer)	Special Function	Teaching
Optima(TF)	2013	General Area	LKAS(Lane Keeping Assist System)	Version Information	
Optima(TF)	2013	General Area	LKAS(Lane Keeping Assist System)	Read Fault Code	
Optima(TF)	2013	General Area	LKAS(Lane Keeping Assist System)	Clear Fault Memory	
Optima(TF)	2013	General Area	LKAS(Lane Keeping Assist System)	Read Data Stream	
Optima(TF)	2013	General Area	LKAS(Lane Keeping Assist System)	Special Function	SPTAC Calibration
Optima(TF)	2013	General Area	LKAS(Lane Keeping Assist System)	Special Function	LKAS Variant Coding
Optima(TF)	2013	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Optima(TF)	2013	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Optima(TF)	2013	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Optima(TF)	2013	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Optima(TF)	2013	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Optima(TF)	2013	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Optima(TF)	2013	General Area	Smart Key Unit	Version	

model	year	area	system	function	subfunction
Optima(TF)	2013	General Area	Smart Key Unit	Read Fault Code	
Optima(TF)	2013	General Area	Smart Key Unit	Clear Fault	
Optima(TF)	2013	General Area	Smart Key Unit	Read Data	
Optima(TF)	2013	General Area	Smart Key Unit	Actuation Test	External Buzzer
Optima(TF)	2013	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Optima(TF)	2013	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Optima(TF)	2013	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Optima(TF)	2013	General Area	Smart Key Unit	Actuation Test	FOB Holder Illumination
Optima(TF)	2013	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Optima(TF)	2013	General Area	Smart Key Unit	Actuation Test	ACC Relay
Optima(TF)	2013	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Optima(TF)	2013	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Optima(TF)	2013	General Area	Smart Key Unit	Actuation Test	START Relay
Optima(TF)	2013	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Optima(TF)	2013	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Optima(TF)	2013	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Optima(TF)	2013	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Optima(TF)	2013	General Area	Smart Key Unit	Actuation Test	Driver Door Handle Antenna
Optima(TF)	2013	General Area	Smart Key Unit	Actuation Test	Assist Door Handle Antenna
Optima(TF)	2013	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Optima(TF)	2013	General Area	Smart Key Unit	Special Function	Neutralization Mode
Optima(TF)	2013	General Area	Smart Key Unit	Special Function	SMK Status Information
Optima(TF)	2013	General Area	Smart Key Unit	Special Function	ESCL Status Information
Optima(TF)	2013	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Optima(TF)	2013	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Optima(TF)	2013	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Optima(TF)	2013	General Area	Smart Key Unit	Special Function	Antenna Status Check
Optima(TF)	2013	General Area	Smart Key Unit	Special Function	ESCL Open Status Check

model	year	area	system	function	subfunction
Optima(TF)	2013	General Area	SPAS(Smart Parking Assist System)	Version Information	
Optima(TF)	2013	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Optima(TF)	2013	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Optima(TF)	2013	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Optima(TF)	2013	General Area	SPAS(Smart Parking Assist System)	Actuation Test	Speaker Activation
Optima(TF)	2013	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation
Optima(TF)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima(TF)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima(TF)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima(TF)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima(TF)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Optima(TF)	2013	General Area	TCM(Transmission Control Module)	Version Information	
Optima(TF)	2013	General Area	TCM(Transmission Control Module)	Read Fault Code	
Optima(TF)	2013	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima(TF)	2013	General Area	TCM(Transmission Control Module)	Read Data Stream	
Optima(TF)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Optima(TF)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Optima(TF)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)

model	year	area	system	function	subfunction
Optima(TF)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Optima(TF)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Optima(TF)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Optima(TF)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Optima(TF)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Optima(TF)	2013	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Optima(TF)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Optima(TF)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Optima(TF)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Optima(TF)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Optima(TF)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Optima(TF)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Optima(TF)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Optima(TF)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Optima(TF)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Optima(TF)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Optima(TF)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Optima(TF)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Optima(TF)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Optima(TF)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading

model	year	area	system	function	subfunction
Optima(TF)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Optima(TF)	2012	General Area	ABS(Anti-Lock Brake System)	Version Information	
Optima(TF)	2012	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Optima(TF)	2012	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Optima(TF)	2012	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Optima(TF)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-EPB/MOC disengaging
Optima(TF)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-EPB/MOC engaging
Optima(TF)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	In-Line mode-Apply/Release
Optima(TF)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Optima(TF)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Optima(TF)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Optima(TF)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Optima(TF)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Optima(TF)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Optima(TF)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Optima(TF)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Optima(TF)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Optima(TF)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Optima(TF)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Optima(TF)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Optima(TF)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Optima(TF)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)

model	year	area	system	function	subfunction
Optima(TF)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
Optima(TF)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Optima(TF)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Optima(TF)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Optima(TF)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Optima(TF)	2012	General Area	ABS(Anti-Lock Brake System)	Special Function	SAS Calibration(CAN-ESP Only)
Optima(TF)	2012	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Optima(TF)	2012	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor
Optima(TF)	2012	General Area	AC(Air Conditioning)	Version	
Optima(TF)	2012	General Area	AC(Air Conditioning)	Read Fault Code	
Optima(TF)	2012	General Area	AC(Air Conditioning)	Clear Fault	
Optima(TF)	2012	General Area	AC(Air Conditioning)	Read Data	
Optima(TF)	2012	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Optima(TF)	2012	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Optima(TF)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Optima(TF)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Optima(TF)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Optima(TF)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Optima(TF)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Optima(TF)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Optima(TF)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Optima(TF)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Optima(TF)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Optima(TF)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%

model	year	area	system	function	subfunction
Optima(TF)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Optima(TF)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Optima(TF)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Optima(TF)	2012	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Optima(TF)	2012	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Optima(TF)	2012	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Optima(TF)	2012	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Optima(TF)	2012	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Optima(TF)	2012	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Optima(TF)	2012	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Optima(TF)	2012	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Optima(TF)	2012	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Optima(TF)	2012	General Area	BCM(Body Control Module)	Version Information	
Optima(TF)	2012	General Area	BCM(Body Control Module)	Read Fault Code	
Optima(TF)	2012	General Area	BCM(Body Control Module)	Clear Fault Memory	
Optima(TF)	2012	General Area	BCM(Body Control Module)	Read Data Stream	
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Cruise Indicator
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Seatbelt Indicator
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Door open indicator
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the foremost position(SLIDE)
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the last position(SLIDE)

model	year	area	system	function	subfunction
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the foremost position(RECLINE)
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the last position(RECLINE)
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the highest position(FR HEIGHT)
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the lowest position(FR HEIGHT)
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the highest position(RR HEIGHT)
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the lowest position(RR HEIGHT)
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Starter inhibit relay
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay

model	year	area	system	function	subfunction
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Turn Left Signal
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Turn Right Signal
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Head lamp washer relay
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Foot lamp
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator

model	year	area	system	function	subfunction
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Optima(TF)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Optima(TF)	2012	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Optima(TF)	2012	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Version Information	
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Read Fault Code	
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Read Data Stream	
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	A/C COMPRESSOR
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%

model	year	area	system	function	subfunction
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 5%
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 95%
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 5%
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 95%
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 5%
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 76%
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 5%
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 95%
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Starter Relay
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1

model	year	area	system	function	subfunction
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values

model	year	area	system	function	subfunction
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Optima(TF)	2012	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Optima(TF)	2012	General Area	ESP(Electronic Stability Program)	Version Information	
Optima(TF)	2012	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Optima(TF)	2012	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Optima(TF)	2012	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Optima(TF)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Optima(TF)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Optima(TF)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Optima(TF)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Optima(TF)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Optima(TF)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Optima(TF)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Optima(TF)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Optima(TF)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Optima(TF)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Optima(TF)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Optima(TF)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Optima(TF)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)

model	year	area	system	function	subfunction
Optima(TF)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Optima(TF)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Optima(TF)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Optima(TF)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Optima(TF)	2012	General Area	ESP(Electronic Stability Program)	Special Function	SAS Calibration(CAN-ESP Only)
Optima(TF)	2012	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Optima(TF)	2012	General Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor
Optima(TF)	2012	General Area	Head Lamp	Version	
Optima(TF)	2012	General Area	Head Lamp	Read Fault Code	
Optima(TF)	2012	General Area	Head Lamp	Clear Fault	
Optima(TF)	2012	General Area	Head Lamp	Read Data	
Optima(TF)	2012	General Area	Head Lamp	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Optima(TF)	2012	General Area	Head Lamp	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Optima(TF)	2012	General Area	Head Lamp	Actuation Test	HLL normal position
Optima(TF)	2012	General Area	Head Lamp	Special Function	Headlamp
Optima(TF)	2012	General Area	Head Lamp	Special Function	Parameter Setting&Zero position Initial
Optima(TF)	2012	General Area	IMMO(Immobilizer)	Read Data	
Optima(TF)	2012	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Optima(TF)	2012	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Optima(TF)	2012	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Optima(TF)	2012	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Optima(TF)	2012	General Area	IMMO(Immobilizer)	Special Function	Teaching
Optima(TF)	2012	General Area	LKAS(Lane Keeping Assist System)	Version Information	
Optima(TF)	2012	General Area	LKAS(Lane Keeping Assist System)	Read Fault Code	

model	year	area	system	function	subfunction
Optima(TF)	2012	General Area	LKAS(Lane Keeping Assist System)	Clear Fault Memory	
Optima(TF)	2012	General Area	LKAS(Lane Keeping Assist System)	Read Data Stream	
Optima(TF)	2012	General Area	LKAS(Lane Keeping Assist System)	Special Function	SPTAC Calibration
Optima(TF)	2012	General Area	LKAS(Lane Keeping Assist System)	Special Function	LKAS Variant Coding
Optima(TF)	2012	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Optima(TF)	2012	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Optima(TF)	2012	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Optima(TF)	2012	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Optima(TF)	2012	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Optima(TF)	2012	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Optima(TF)	2012	General Area	Smart Key Unit	Version	
Optima(TF)	2012	General Area	Smart Key Unit	Read Fault Code	
Optima(TF)	2012	General Area	Smart Key Unit	Clear Fault	
Optima(TF)	2012	General Area	Smart Key Unit	Read Data	
Optima(TF)	2012	General Area	Smart Key Unit	Actuation Test	External Buzzer
Optima(TF)	2012	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Optima(TF)	2012	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Optima(TF)	2012	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Optima(TF)	2012	General Area	Smart Key Unit	Actuation Test	FOB Holder Illumination
Optima(TF)	2012	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Optima(TF)	2012	General Area	Smart Key Unit	Actuation Test	ACC Relay
Optima(TF)	2012	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Optima(TF)	2012	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Optima(TF)	2012	General Area	Smart Key Unit	Actuation Test	START Relay
Optima(TF)	2012	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Optima(TF)	2012	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Optima(TF)	2012	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Optima(TF)	2012	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Optima(TF)	2012	General Area	Smart Key Unit	Actuation Test	Driver Door Handle Antenna

model	year	area	system	function	subfunction
Optima(TF)	2012	General Area	Smart Key Unit	Actuation Test	Assist Door Handle Antenna
Optima(TF)	2012	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Optima(TF)	2012	General Area	Smart Key Unit	Special Function	Neutralization Mode
Optima(TF)	2012	General Area	Smart Key Unit	Special Function	SMK Status Information
Optima(TF)	2012	General Area	Smart Key Unit	Special Function	ESCL Status Information
Optima(TF)	2012	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Optima(TF)	2012	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Optima(TF)	2012	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Optima(TF)	2012	General Area	Smart Key Unit	Special Function	Antenna Status Check
Optima(TF)	2012	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Optima(TF)	2012	General Area	SPAS(Smart Parking Assist System)	Version Information	
Optima(TF)	2012	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Optima(TF)	2012	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Optima(TF)	2012	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Optima(TF)	2012	General Area	SPAS(Smart Parking Assist System)	Actuation Test	Speaker Activation
Optima(TF)	2012	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation
Optima(TF)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima(TF)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima(TF)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima(TF)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	

model	year	area	system	function	subfunction
Optima(TF)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Optima(TF)	2012	General Area	TCM(Transmission Control Module)	Version Information	
Optima(TF)	2012	General Area	TCM(Transmission Control Module)	Read Fault Code	
Optima(TF)	2012	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima(TF)	2012	General Area	TCM(Transmission Control Module)	Read Data Stream	
Optima(TF)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Optima(TF)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Optima(TF)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Optima(TF)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Optima(TF)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Optima(TF)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Optima(TF)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Optima(TF)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Optima(TF)	2012	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Optima(TF)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Optima(TF)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Optima(TF)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Optima(TF)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	

model	year	area	system	function	subfunction
Optima(TF)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Optima(TF)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Optima(TF)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Optima(TF)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Optima(TF)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Optima(TF)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Optima(TF)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Optima(TF)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Optima(TF)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Optima(TF)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Optima(TF)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Optima(TF)	2011	General Area	AC(Air Conditioning)	Version	
Optima(TF)	2011	General Area	AC(Air Conditioning)	Read Fault Code	
Optima(TF)	2011	General Area	AC(Air Conditioning)	Clear Fault	
Optima(TF)	2011	General Area	AC(Air Conditioning)	Read Data	
Optima(TF)	2011	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Optima(TF)	2011	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Optima(TF)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Optima(TF)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Optima(TF)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Optima(TF)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Optima(TF)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Optima(TF)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Optima(TF)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Optima(TF)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Optima(TF)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%

model	year	area	system	function	subfunction
Optima(TF)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Optima(TF)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Optima(TF)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Optima(TF)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Optima(TF)	2011	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Optima(TF)	2011	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Optima(TF)	2011	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Optima(TF)	2011	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Optima(TF)	2011	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Optima(TF)	2011	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Optima(TF)	2011	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Optima(TF)	2011	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Optima(TF)	2011	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Optima(TF)	2011	General Area	BCM(Body Control Module)	Version Information	
Optima(TF)	2011	General Area	BCM(Body Control Module)	Read Fault Code	
Optima(TF)	2011	General Area	BCM(Body Control Module)	Clear Fault Memory	
Optima(TF)	2011	General Area	BCM(Body Control Module)	Read Data Stream	
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Cruise Indicator
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Seatbelt Indicator
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Door open indicator
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the foremost position(SLIDE)
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the last position(SLIDE)

model	year	area	system	function	subfunction
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the foremost position(RECLINE)
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the last position(RECLINE)
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the highest position(FR HEIGHT)
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the lowest position(FR HEIGHT)
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the highest position(RR HEIGHT)
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	MOVE P/SEAT to the lowest position(RR HEIGHT)
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Starter inhibit relay
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay

model	year	area	system	function	subfunction
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Turn Left Signal
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Turn Right Signal
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Head lamp washer relay
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Foot lamp
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator

model	year	area	system	function	subfunction
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Optima(TF)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Optima(TF)	2011	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Optima(TF)	2011	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Version Information	
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Read Fault Code	
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Read Data Stream	
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Optima(TF)	2011	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Optima(TF)	2011	General Area	ESP(Electronic Stability Program)	Version Information	
Optima(TF)	2011	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Optima(TF)	2011	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Optima(TF)	2011	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Optima(TF)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor

model	year	area	system	function	subfunction
Optima(TF)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Optima(TF)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Optima(TF)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Optima(TF)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Optima(TF)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Optima(TF)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Optima(TF)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Optima(TF)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Optima(TF)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Optima(TF)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Optima(TF)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Optima(TF)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Optima(TF)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Optima(TF)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Optima(TF)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Optima(TF)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Optima(TF)	2011	General Area	ESP(Electronic Stability Program)	Special Function	SAS Calibration(CAN-ESP Only)
Optima(TF)	2011	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Optima(TF)	2011	General Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor
Optima(TF)	2011	General Area	Head Lamp	Version	
Optima(TF)	2011	General Area	Head Lamp	Read Fault Code	
Optima(TF)	2011	General Area	Head Lamp	Clear Fault	
Optima(TF)	2011	General Area	Head Lamp	Read Data	

model	year	area	system	function	subfunction
Optima(TF)	2011	General Area	Head Lamp	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Optima(TF)	2011	General Area	Head Lamp	Actuation Test	HLL(Head Lamp Leveling)Max(Hig h)Position
Optima(TF)	2011	General Area	Head Lamp	Actuation Test	HLL normal position
Optima(TF)	2011	General Area	Head Lamp	Special Function	Headlamp
Optima(TF)	2011	General Area	Head Lamp	Special Function	Parameter Setting&Zero position Initial
Optima(TF)	2011	General Area	IMMO(Immobilizer)	Read Data	
Optima(TF)	2011	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Optima(TF)	2011	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Optima(TF)	2011	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Optima(TF)	2011	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Optima(TF)	2011	General Area	IMMO(Immobilizer)	Special Function	Teaching
Optima(TF)	2011	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Optima(TF)	2011	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Optima(TF)	2011	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Optima(TF)	2011	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Optima(TF)	2011	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Optima(TF)	2011	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Optima(TF)	2011	General Area	Smart Key Unit	Version	
Optima(TF)	2011	General Area	Smart Key Unit	Read Fault Code	
Optima(TF)	2011	General Area	Smart Key Unit	Clear Fault	
Optima(TF)	2011	General Area	Smart Key Unit	Read Data	
Optima(TF)	2011	General Area	Smart Key Unit	Actuation Test	External Buzzer
Optima(TF)	2011	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Optima(TF)	2011	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Optima(TF)	2011	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Optima(TF)	2011	General Area	Smart Key Unit	Actuation Test	FOB Holder Illumination

model	year	area	system	function	subfunction
Optima(TF)	2011	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Optima(TF)	2011	General Area	Smart Key Unit	Actuation Test	ACC Relay
Optima(TF)	2011	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Optima(TF)	2011	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Optima(TF)	2011	General Area	Smart Key Unit	Actuation Test	START Relay
Optima(TF)	2011	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Optima(TF)	2011	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Optima(TF)	2011	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Optima(TF)	2011	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Optima(TF)	2011	General Area	Smart Key Unit	Actuation Test	Driver Door Handle Antenna
Optima(TF)	2011	General Area	Smart Key Unit	Actuation Test	Assist Door Handle Antenna
Optima(TF)	2011	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Optima(TF)	2011	General Area	Smart Key Unit	Special Function	Neutralization Mode
Optima(TF)	2011	General Area	Smart Key Unit	Special Function	SMK Status Information
Optima(TF)	2011	General Area	Smart Key Unit	Special Function	ESCL Status Information
Optima(TF)	2011	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Optima(TF)	2011	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Optima(TF)	2011	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Optima(TF)	2011	General Area	Smart Key Unit	Special Function	Antenna Status Check
Optima(TF)	2011	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Optima(TF)	2011	General Area	SPAS(Smart Parking Assist System)	Version Information	
Optima(TF)	2011	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Optima(TF)	2011	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Optima(TF)	2011	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Optima(TF)	2011	General Area	SPAS(Smart Parking Assist System)	Actuation Test	Speaker Activation
Optima(TF)	2011	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation

model	year	area	system	function	subfunction
Optima(TF)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima(TF)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima(TF)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima(TF)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima(TF)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Optima(TF)	2011	General Area	TCM(Transmission Control Module)	Version Information	
Optima(TF)	2011	General Area	TCM(Transmission Control Module)	Read Fault Code	
Optima(TF)	2011	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima(TF)	2011	General Area	TCM(Transmission Control Module)	Read Data Stream	
Optima(TF)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Optima(TF)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Optima(TF)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Optima(TF)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Optima(TF)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Optima(TF)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Optima(TF)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'

model	year	area	system	function	subfunction
Optima(TF)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Optima(TF)	2011	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Optima(TF)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Optima(TF)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Optima(TF)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Optima(TF)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Optima(TF)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Optima(TF)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Optima(TF)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Optima(TF)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Optima(TF)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Optima(TF)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Optima(TF)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Optima(TF)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Optima(TF)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Optima(TF)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Optima(TF)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Version Information	
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Read Fault Code	
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Clear Fault Memory	
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Read Data Stream	
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Compressor On

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Optima/Magentis(MG)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Optima/Magentis(MG)	2010	General Area	BCM(Body Control Module)	Version Information	
Optima/Magentis(MG)	2010	General Area	BCM(Body Control Module)	Read Data Stream	
Optima/Magentis(MG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Lock relay

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Unlock relay
Optima/Magentis(MG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Driver Unlock Relay
Optima/Magentis(MG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Trunk release relay
Optima/Magentis(MG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Optima/Magentis(MG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Optima/Magentis(MG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Optima/Magentis(MG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Optima/Magentis(MG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Starter inhibit relay
Optima/Magentis(MG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay/DRL Unit
Optima/Magentis(MG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Head lamp relay
Optima/Magentis(MG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Optima/Magentis(MG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Optima/Magentis(MG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Optima/Magentis(MG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Optima/Magentis(MG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Optima/Magentis(MG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer(Door
Optima/Magentis(MG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Optima/Magentis(MG)	2010	General Area	BCM(Body Control Module)	Actuation Test	Key Solenoid(Manual Key Type)
Optima/Magentis(MG)	2010	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid(Automatic Transmission)
Optima/Magentis(MG)	2010	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Optima/Magentis(MG)	2010	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Version Information	
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Read Fault Code	
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Read Data Stream	
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve for IVVT(OCV)

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve for IVVT Exhaust side
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Switch
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Optima/Magentis(MG)	2010	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Optima/Magentis(MG)	2010	General Area	ECS(Electronic Control Suspension)	Version Information	
Optima/Magentis(MG)	2010	General Area	ECS(Electronic Control Suspension)	Read Fault Code	
Optima/Magentis(MG)	2010	General Area	ECS(Electronic Control Suspension)	Clear Fault Memory	
Optima/Magentis(MG)	2010	General Area	ECS(Electronic Control Suspension)	Read Data Stream	
Optima/Magentis(MG)	2010	General Area	ECS(Electronic Control Suspension)	Actuation Test	Atuator Control-Soft
Optima/Magentis(MG)	2010	General Area	ECS(Electronic Control Suspension)	Actuation Test	Atuator Control-Medium
Optima/Magentis(MG)	2010	General Area	ECS(Electronic Control Suspension)	Actuation Test	Atuator Control-Hard
Optima/Magentis(MG)	2010	General Area	ESP(Electronic Stability Program)	Version Information	
Optima/Magentis(MG)	2010	General Area	ESP(Electronic Stability Program)	Read Fault Code	

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2010	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Optima/Magentis(MG)	2010	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Optima/Magentis(MG)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Optima/Magentis(MG)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Optima/Magentis(MG)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Optima/Magentis(MG)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Optima/Magentis(MG)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Optima/Magentis(MG)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Optima/Magentis(MG)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Optima/Magentis(MG)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Optima/Magentis(MG)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Optima/Magentis(MG)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Optima/Magentis(MG)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Optima/Magentis(MG)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	ASV Valve-Left Front
Optima/Magentis(MG)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	ASV Valve-Right Front
Optima/Magentis(MG)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Left
Optima/Magentis(MG)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Right
Optima/Magentis(MG)	2010	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Optima/Magentis(MG)	2010	General Area	IMMO(Immobilizer)	Read Data Stream	
Optima/Magentis(MG)	2010	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Optima/Magentis(MG)	2010	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Optima/Magentis(MG)	2010	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Optima/Magentis(MG)	2010	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2010	General Area	IMMO(Immobilizer)	Special Function	Teaching
Optima/Magentis(MG)	2010	General Area	Smart Key	Version Information	
Optima/Magentis(MG)	2010	General Area	Smart Key	Read Fault Code	
Optima/Magentis(MG)	2010	General Area	Smart Key	Clear Fault Memory	
Optima/Magentis(MG)	2010	General Area	Smart Key	Read Data Stream	
Optima/Magentis(MG)	2010	General Area	Smart Key	Actuation Test	Key Out Indicator
Optima/Magentis(MG)	2010	General Area	Smart Key	Actuation Test	Immobilizer Indicator
Optima/Magentis(MG)	2010	General Area	Smart Key	Actuation Test	External Buzzer
Optima/Magentis(MG)	2010	General Area	Smart Key	Actuation Test	Interior Antenna 1
Optima/Magentis(MG)	2010	General Area	Smart Key	Actuation Test	Interior Antenna 2
Optima/Magentis(MG)	2010	General Area	Smart Key	Actuation Test	Trunk/Tailgate Antenna Active
Optima/Magentis(MG)	2010	General Area	Smart Key	Actuation Test	Bumper/Tail Gate Antenna
Optima/Magentis(MG)	2010	General Area	Smart Key	Actuation Test	Driver Door Handle Antenna
Optima/Magentis(MG)	2010	General Area	Smart Key	Actuation Test	Right Door Handle Antenna
Optima/Magentis(MG)	2010	General Area	Smart Key	Actuation Test	SSB LED Amber
Optima/Magentis(MG)	2010	General Area	Smart Key	Actuation Test	SSB LED Blue/Green
Optima/Magentis(MG)	2010	General Area	Smart Key	Actuation Test	FOB holder illumination
Optima/Magentis(MG)	2010	General Area	Smart Key	Actuation Test	SSB illumination
Optima/Magentis(MG)	2010	General Area	Smart Key	Actuation Test	ACC Relay
Optima/Magentis(MG)	2010	General Area	Smart Key	Actuation Test	IGN1 Relay
Optima/Magentis(MG)	2010	General Area	Smart Key	Actuation Test	IGN2 Relay
Optima/Magentis(MG)	2010	General Area	Smart Key	Actuation Test	START Relay
Optima/Magentis(MG)	2010	General Area	Smart Key	Actuation Test	Perform ESCL Open Check

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2010	General Area	Smart Key	Special Function	Neutralization Mode
Optima/Magentis(MG)	2010	General Area	Smart Key	Special Function	SMK Status Information
Optima/Magentis(MG)	2010	General Area	Smart Key	Special Function	ESCL Status Information
Optima/Magentis(MG)	2010	General Area	Smart Key	Special Function	PDM Status Information
Optima/Magentis(MG)	2010	General Area	Smart Key	Special Function	FOB KEY Status Information
Optima/Magentis(MG)	2010	General Area	Smart Key	Special Function	Serial Communication Line Check
Optima/Magentis(MG)	2010	General Area	Smart Key	Special Function	Antenna Status Check
Optima/Magentis(MG)	2010	General Area	Smart Key	Special Function	Smart Key Code Saving
Optima/Magentis(MG)	2010	General Area	Smart Key	Special Function	ESCL Open Status Check
Optima/Magentis(MG)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima/Magentis(MG)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima/Magentis(MG)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima/Magentis(MG)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima/Magentis(MG)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Optima/Magentis(MG)	2010	General Area	TCM(Transmission Control Module)	Version Information	
Optima/Magentis(MG)	2010	General Area	TCM(Transmission Control Module)	Read Fault Code	
Optima/Magentis(MG)	2010	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima/Magentis(MG)	2010	General Area	TCM(Transmission Control Module)	Read Data Stream	
Optima/Magentis(MG)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MG)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Optima/Magentis(MG)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Optima/Magentis(MG)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Optima/Magentis(MG)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Optima/Magentis(MG)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Optima/Magentis(MG)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Optima/Magentis(MG)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Optima/Magentis(MG)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MG)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MG)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Optima/Magentis(MG)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Optima/Magentis(MG)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Optima/Magentis(MG)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Optima/Magentis(MG)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Optima/Magentis(MG)	2010	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Version Information	
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Read Fault Code	
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Clear Fault Memory	
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Read Data Stream	
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Optima/Magentis(MG)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Optima/Magentis(MG)	2009	General Area	BCM(Body Control Module)	Version Information	
Optima/Magentis(MG)	2009	General Area	BCM(Body Control Module)	Read Data Stream	
Optima/Magentis(MG)	2009	General Area	BCM(Body Control Module)	Actuation Test	Lock relay
Optima/Magentis(MG)	2009	General Area	BCM(Body Control Module)	Actuation Test	Unlock relay
Optima/Magentis(MG)	2009	General Area	BCM(Body Control Module)	Actuation Test	Driver Unlock Relay

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2009	General Area	BCM(Body Control Module)	Actuation Test	Trunk release relay
Optima/Magentis(MG)	2009	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Optima/Magentis(MG)	2009	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Optima/Magentis(MG)	2009	General Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Optima/Magentis(MG)	2009	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Optima/Magentis(MG)	2009	General Area	BCM(Body Control Module)	Actuation Test	Starter inhibit relay
Optima/Magentis(MG)	2009	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay/DRL Unit
Optima/Magentis(MG)	2009	General Area	BCM(Body Control Module)	Actuation Test	Head lamp relay
Optima/Magentis(MG)	2009	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Optima/Magentis(MG)	2009	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Optima/Magentis(MG)	2009	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Optima/Magentis(MG)	2009	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Optima/Magentis(MG)	2009	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Optima/Magentis(MG)	2009	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Optima/Magentis(MG)	2009	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer(Door
Optima/Magentis(MG)	2009	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Optima/Magentis(MG)	2009	General Area	BCM(Body Control Module)	Actuation Test	Key Solenoid
Optima/Magentis(MG)	2009	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Optima/Magentis(MG)	2009	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Optima/Magentis(MG)	2009	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Version Information	
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Read Data Stream	
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve for IVVT(OCV)
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve for IVVT Exhaust side
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Switch
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Optima/Magentis(MG)	2009	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Optima/Magentis(MG)	2009	General Area	ECS(Electronic Control Suspension)	Version Information	
Optima/Magentis(MG)	2009	General Area	ECS(Electronic Control Suspension)	Read Fault Code	
Optima/Magentis(MG)	2009	General Area	ECS(Electronic Control Suspension)	Clear Fault Memory	
Optima/Magentis(MG)	2009	General Area	ECS(Electronic Control Suspension)	Read Data Stream	
Optima/Magentis(MG)	2009	General Area	ECS(Electronic Control Suspension)	Actuation Test	Atuator Control-Soft
Optima/Magentis(MG)	2009	General Area	ECS(Electronic Control Suspension)	Actuation Test	Atuator Control-Medium
Optima/Magentis(MG)	2009	General Area	ECS(Electronic Control Suspension)	Actuation Test	Atuator Control-Hard
Optima/Magentis(MG)	2009	General Area	ESP(Electronic Stability Program)	Version Information	
Optima/Magentis(MG)	2009	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Optima/Magentis(MG)	2009	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Optima/Magentis(MG)	2009	General Area	ESP(Electronic Stability Program)	Read Data Stream	

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Optima/Magentis(MG)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Optima/Magentis(MG)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Optima/Magentis(MG)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Optima/Magentis(MG)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Optima/Magentis(MG)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Optima/Magentis(MG)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Optima/Magentis(MG)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Optima/Magentis(MG)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Optima/Magentis(MG)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Optima/Magentis(MG)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Optima/Magentis(MG)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	ASV Valve-Left Front
Optima/Magentis(MG)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	ASV Valve-Right Front
Optima/Magentis(MG)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Left
Optima/Magentis(MG)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Right
Optima/Magentis(MG)	2009	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Optima/Magentis(MG)	2009	General Area	IMMO(Immobilizer)	Read Data Stream	
Optima/Magentis(MG)	2009	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Optima/Magentis(MG)	2009	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Optima/Magentis(MG)	2009	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Optima/Magentis(MG)	2009	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Optima/Magentis(MG)	2009	General Area	IMMO(Immobilizer)	Special Function	Teaching
Optima/Magentis(MG)	2009	General Area	Smart Key	Version Information	

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2009	General Area	Smart Key	Read Fault Code	
Optima/Magentis(MG)	2009	General Area	Smart Key	Clear Fault Memory	
Optima/Magentis(MG)	2009	General Area	Smart Key	Read Data Stream	
Optima/Magentis(MG)	2009	General Area	Smart Key	Actuation Test	Key Out Indicator
Optima/Magentis(MG)	2009	General Area	Smart Key	Actuation Test	Immobilizer Indicator
Optima/Magentis(MG)	2009	General Area	Smart Key	Actuation Test	External Buzzer
Optima/Magentis(MG)	2009	General Area	Smart Key	Actuation Test	Interior Antenna 1
Optima/Magentis(MG)	2009	General Area	Smart Key	Actuation Test	Interior Antenna 2
Optima/Magentis(MG)	2009	General Area	Smart Key	Actuation Test	Trunk/Tailgate Antenna Active
Optima/Magentis(MG)	2009	General Area	Smart Key	Actuation Test	Bumper/Tail Gate Antenna
Optima/Magentis(MG)	2009	General Area	Smart Key	Actuation Test	Driver Door Handle Antenna
Optima/Magentis(MG)	2009	General Area	Smart Key	Actuation Test	Right Door Handle Antenna
Optima/Magentis(MG)	2009	General Area	Smart Key	Actuation Test	SSB LED Amber
Optima/Magentis(MG)	2009	General Area	Smart Key	Actuation Test	SSB LED Blue/Green
Optima/Magentis(MG)	2009	General Area	Smart Key	Actuation Test	FOB holder illumination
Optima/Magentis(MG)	2009	General Area	Smart Key	Actuation Test	SSB illumination
Optima/Magentis(MG)	2009	General Area	Smart Key	Actuation Test	ACC Relay
Optima/Magentis(MG)	2009	General Area	Smart Key	Actuation Test	IGN1 Relay
Optima/Magentis(MG)	2009	General Area	Smart Key	Actuation Test	IGN2 Relay
Optima/Magentis(MG)	2009	General Area	Smart Key	Actuation Test	START Relay
Optima/Magentis(MG)	2009	General Area	Smart Key	Actuation Test	Perform ESCL Open Check
Optima/Magentis(MG)	2009	General Area	Smart Key	Special Function	Neutralization Mode
Optima/Magentis(MG)	2009	General Area	Smart Key	Special Function	SMK Status Information

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2009	General Area	Smart Key	Special Function	ESCL Status Information
Optima/Magentis(MG)	2009	General Area	Smart Key	Special Function	PDM Status Information
Optima/Magentis(MG)	2009	General Area	Smart Key	Special Function	FOB KEY Status Information
Optima/Magentis(MG)	2009	General Area	Smart Key	Special Function	Serial Communication Line Check
Optima/Magentis(MG)	2009	General Area	Smart Key	Special Function	Antenna Status Check
Optima/Magentis(MG)	2009	General Area	Smart Key	Special Function	Smart Key Code Saving
Optima/Magentis(MG)	2009	General Area	Smart Key	Special Function	ESCL Open Status Check
Optima/Magentis(MG)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima/Magentis(MG)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima/Magentis(MG)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima/Magentis(MG)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima/Magentis(MG)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Optima/Magentis(MG)	2009	General Area	TCM(Transmission Control Module)	Version Information	
Optima/Magentis(MG)	2009	General Area	TCM(Transmission Control Module)	Read Fault Code	
Optima/Magentis(MG)	2009	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima/Magentis(MG)	2009	General Area	TCM(Transmission Control Module)	Read Data Stream	
Optima/Magentis(MG)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Optima/Magentis(MG)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MG)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Optima/Magentis(MG)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Optima/Magentis(MG)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Optima/Magentis(MG)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Optima/Magentis(MG)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Optima/Magentis(MG)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Optima/Magentis(MG)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MG)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MG)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Optima/Magentis(MG)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Optima/Magentis(MG)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Optima/Magentis(MG)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Optima/Magentis(MG)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Optima/Magentis(MG)	2009	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Optima/Magentis(MG)	2008	General Area	ABS(Anti-Lock Brake System)	Version Information	
Optima/Magentis(MG)	2008	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Optima/Magentis(MG)	2008	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Optima/Magentis(MG)	2008	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Optima/Magentis(MG)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Optima/Magentis(MG)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Optima/Magentis(MG)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Optima/Magentis(MG)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Optima/Magentis(MG)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Optima/Magentis(MG)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Optima/Magentis(MG)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Optima/Magentis(MG)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Optima/Magentis(MG)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Optima/Magentis(MG)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Optima/Magentis(MG)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
Optima/Magentis(MG)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
Optima/Magentis(MG)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
Optima/Magentis(MG)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
Optima/Magentis(MG)	2008	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Version Information	
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Read Fault Code	
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Clear Fault Memory	
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Read Data Stream	
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Optima/Magentis(MG)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Optima/Magentis(MG)	2008	General Area	BCM(Body Control Module)	Version Information	
Optima/Magentis(MG)	2008	General Area	BCM(Body Control Module)	Read Data Stream	
Optima/Magentis(MG)	2008	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Optima/Magentis(MG)	2008	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Optima/Magentis(MG)	2008	General Area	BCM(Body Control Module)	Actuation Test	Trunk release relay
Optima/Magentis(MG)	2008	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Optima/Magentis(MG)	2008	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Optima/Magentis(MG)	2008	General Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Optima/Magentis(MG)	2008	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Optima/Magentis(MG)	2008	General Area	BCM(Body Control Module)	Actuation Test	Starter inhibit relay

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2008	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay/DRL Unit
Optima/Magentis(MG)	2008	General Area	BCM(Body Control Module)	Actuation Test	Head lamp relay
Optima/Magentis(MG)	2008	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Optima/Magentis(MG)	2008	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Optima/Magentis(MG)	2008	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Optima/Magentis(MG)	2008	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Optima/Magentis(MG)	2008	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Optima/Magentis(MG)	2008	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Optima/Magentis(MG)	2008	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer(Door
Optima/Magentis(MG)	2008	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Optima/Magentis(MG)	2008	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Optima/Magentis(MG)	2008	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Version Information	
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Read Fault Code	
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Read Data Stream	
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Clocked
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	A/C Clutch
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Actuation Test	TPS Min Learnt Reset
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Optima/Magentis(MG)	2008	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Optima/Magentis(MG)	2008	General Area	ECS(Electronic Control Suspension)	Version Information	
Optima/Magentis(MG)	2008	General Area	ECS(Electronic Control Suspension)	Read Fault Code	
Optima/Magentis(MG)	2008	General Area	ECS(Electronic Control Suspension)	Clear Fault Memory	
Optima/Magentis(MG)	2008	General Area	ECS(Electronic Control Suspension)	Read Data Stream	
Optima/Magentis(MG)	2008	General Area	ECS(Electronic Control Suspension)	Actuation Test	Atuator Control-Soft
Optima/Magentis(MG)	2008	General Area	ECS(Electronic Control Suspension)	Actuation Test	Atuator Control-Medium
Optima/Magentis(MG)	2008	General Area	ECS(Electronic Control Suspension)	Actuation Test	Atuator Control-Hard
Optima/Magentis(MG)	2008	General Area	IMMO(Immobilizer)	Read Data Stream	
Optima/Magentis(MG)	2008	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Optima/Magentis(MG)	2008	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Optima/Magentis(MG)	2008	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Optima/Magentis(MG)	2008	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Optima/Magentis(MG)	2008	General Area	IMMO(Immobilizer)	Special Function	Teaching
Optima/Magentis(MG)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima/Magentis(MG)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima/Magentis(MG)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima/Magentis(MG)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Optima/Magentis(MG)	2008	General Area	TCM(Transmission Control Module)	Version Information	
Optima/Magentis(MG)	2008	General Area	TCM(Transmission Control Module)	Read Fault Code	
Optima/Magentis(MG)	2008	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima/Magentis(MG)	2008	General Area	TCM(Transmission Control Module)	Read Data Stream	
Optima/Magentis(MG)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Optima/Magentis(MG)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MG)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Optima/Magentis(MG)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Optima/Magentis(MG)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Optima/Magentis(MG)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Optima/Magentis(MG)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Optima/Magentis(MG)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Optima/Magentis(MG)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Optima/Magentis(MG)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MG)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MG)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Optima/Magentis(MG)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Optima/Magentis(MG)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Optima/Magentis(MG)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Optima/Magentis(MG)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Optima/Magentis(MG)	2008	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2007	General Area	ABS(Anti-Lock Brake System)	Version Information	
Optima/Magentis(MG)	2007	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Optima/Magentis(MG)	2007	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Optima/Magentis(MG)	2007	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Optima/Magentis(MG)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Optima/Magentis(MG)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Optima/Magentis(MG)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Optima/Magentis(MG)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Optima/Magentis(MG)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Optima/Magentis(MG)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Optima/Magentis(MG)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Optima/Magentis(MG)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Optima/Magentis(MG)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Optima/Magentis(MG)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Optima/Magentis(MG)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Optima/Magentis(MG)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
Optima/Magentis(MG)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
Optima/Magentis(MG)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
Optima/Magentis(MG)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
Optima/Magentis(MG)	2007	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Version Information	
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Read Fault Code	
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Clear Fault Memory	

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Read Data Stream	
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Optima/Magentis(MG)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Optima/Magentis(MG)	2007	General Area	BCM(Body Control Module)	Version Information	

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2007	General Area	BCM(Body Control Module)	Read Data Stream	
Optima/Magentis(MG)	2007	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Optima/Magentis(MG)	2007	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Optima/Magentis(MG)	2007	General Area	BCM(Body Control Module)	Actuation Test	Trunk release relay
Optima/Magentis(MG)	2007	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Optima/Magentis(MG)	2007	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Optima/Magentis(MG)	2007	General Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Optima/Magentis(MG)	2007	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Optima/Magentis(MG)	2007	General Area	BCM(Body Control Module)	Actuation Test	Starter inhibit relay
Optima/Magentis(MG)	2007	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay/DRL Unit
Optima/Magentis(MG)	2007	General Area	BCM(Body Control Module)	Actuation Test	Head lamp relay
Optima/Magentis(MG)	2007	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Optima/Magentis(MG)	2007	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Optima/Magentis(MG)	2007	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Optima/Magentis(MG)	2007	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Optima/Magentis(MG)	2007	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Optima/Magentis(MG)	2007	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Optima/Magentis(MG)	2007	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer(Door
Optima/Magentis(MG)	2007	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Optima/Magentis(MG)	2007	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Optima/Magentis(MG)	2007	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Version Information	

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Read Fault Code	
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Read Data Stream	
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Clocked
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	A/C Clutch
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Actuation Test	TPS Min Learnt Reset
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Optima/Magentis(MG)	2007	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Optima/Magentis(MG)	2007	General Area	ECS(Electronic Control Suspension)	Version Information	
Optima/Magentis(MG)	2007	General Area	ECS(Electronic Control Suspension)	Read Fault Code	
Optima/Magentis(MG)	2007	General Area	ECS(Electronic Control Suspension)	Clear Fault Memory	
Optima/Magentis(MG)	2007	General Area	ECS(Electronic Control Suspension)	Read Data Stream	
Optima/Magentis(MG)	2007	General Area	ECS(Electronic Control Suspension)	Actuation Test	Atuator Control-Soft
Optima/Magentis(MG)	2007	General Area	ECS(Electronic Control Suspension)	Actuation Test	Atuator Control-Medium
Optima/Magentis(MG)	2007	General Area	ECS(Electronic Control Suspension)	Actuation Test	Atuator Control-Hard
Optima/Magentis(MG)	2007	General Area	IMMO(Immobilizer)	Read Data Stream	
Optima/Magentis(MG)	2007	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Optima/Magentis(MG)	2007	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Optima/Magentis(MG)	2007	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2007	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Optima/Magentis(MG)	2007	General Area	IMMO(Immobilizer)	Special Function	Teaching
Optima/Magentis(MG)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima/Magentis(MG)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima/Magentis(MG)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima/Magentis(MG)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima/Magentis(MG)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Optima/Magentis(MG)	2007	General Area	TCM(Transmission Control Module)	Version Information	
Optima/Magentis(MG)	2007	General Area	TCM(Transmission Control Module)	Read Fault Code	
Optima/Magentis(MG)	2007	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima/Magentis(MG)	2007	General Area	TCM(Transmission Control Module)	Read Data Stream	
Optima/Magentis(MG)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Optima/Magentis(MG)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MG)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Optima/Magentis(MG)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Optima/Magentis(MG)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Optima/Magentis(MG)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Optima/Magentis(MG)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Optima/Magentis(MG)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Optima/Magentis(MG)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MG)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MG)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Optima/Magentis(MG)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Optima/Magentis(MG)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Optima/Magentis(MG)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Optima/Magentis(MG)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Optima/Magentis(MG)	2007	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Optima/Magentis(MG)	2006	General Area	ABS(Anti-Lock Brake System)	Version Information	
Optima/Magentis(MG)	2006	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Optima/Magentis(MG)	2006	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Optima/Magentis(MG)	2006	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Optima/Magentis(MG)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Optima/Magentis(MG)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Optima/Magentis(MG)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Optima/Magentis(MG)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Optima/Magentis(MG)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Optima/Magentis(MG)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Optima/Magentis(MG)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Optima/Magentis(MG)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Optima/Magentis(MG)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Optima/Magentis(MG)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Optima/Magentis(MG)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
Optima/Magentis(MG)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
Optima/Magentis(MG)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
Optima/Magentis(MG)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
Optima/Magentis(MG)	2006	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Version Information	
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Read Fault Code	
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Clear Fault Memory	
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Read Data Stream	
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Optima/Magentis(MG)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Optima/Magentis(MG)	2006	General Area	BCM(Body Control Module)	Version Information	
Optima/Magentis(MG)	2006	General Area	BCM(Body Control Module)	Read Data Stream	
Optima/Magentis(MG)	2006	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Optima/Magentis(MG)	2006	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Optima/Magentis(MG)	2006	General Area	BCM(Body Control Module)	Actuation Test	Trunk release relay
Optima/Magentis(MG)	2006	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Optima/Magentis(MG)	2006	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Optima/Magentis(MG)	2006	General Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Optima/Magentis(MG)	2006	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Optima/Magentis(MG)	2006	General Area	BCM(Body Control Module)	Actuation Test	Starter inhibit relay
Optima/Magentis(MG)	2006	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay/DRL Unit
Optima/Magentis(MG)	2006	General Area	BCM(Body Control Module)	Actuation Test	Head lamp relay
Optima/Magentis(MG)	2006	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Optima/Magentis(MG)	2006	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Optima/Magentis(MG)	2006	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2006	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Optima/Magentis(MG)	2006	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Optima/Magentis(MG)	2006	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Optima/Magentis(MG)	2006	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer(Door
Optima/Magentis(MG)	2006	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Optima/Magentis(MG)	2006	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Optima/Magentis(MG)	2006	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Version Information	
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Read Fault Code	
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Read Data Stream	
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Clocked
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	A/C Clutch
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Actuation Test	TPS Min Learnt Reset
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Optima/Magentis(MG)	2006	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Optima/Magentis(MG)	2006	General Area	ECS(Electronic Control Suspension)	Version Information	
Optima/Magentis(MG)	2006	General Area	ECS(Electronic Control Suspension)	Read Fault Code	

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2006	General Area	ECS(Electronic Control Suspension)	Clear Fault Memory	
Optima/Magentis(MG)	2006	General Area	ECS(Electronic Control Suspension)	Read Data Stream	
Optima/Magentis(MG)	2006	General Area	ECS(Electronic Control Suspension)	Actuation Test	Atuator Control-Soft
Optima/Magentis(MG)	2006	General Area	ECS(Electronic Control Suspension)	Actuation Test	Atuator Control-Medium
Optima/Magentis(MG)	2006	General Area	ECS(Electronic Control Suspension)	Actuation Test	Atuator Control-Hard
Optima/Magentis(MG)	2006	General Area	IMMO(Immobilizer)	Read Data Stream	
Optima/Magentis(MG)	2006	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Optima/Magentis(MG)	2006	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Optima/Magentis(MG)	2006	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Optima/Magentis(MG)	2006	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Optima/Magentis(MG)	2006	General Area	IMMO(Immobilizer)	Special Function	Teaching
Optima/Magentis(MG)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima/Magentis(MG)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima/Magentis(MG)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima/Magentis(MG)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima/Magentis(MG)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Optima/Magentis(MG)	2006	General Area	TCM(Transmission Control Module)	Version Information	
Optima/Magentis(MG)	2006	General Area	TCM(Transmission Control Module)	Read Fault Code	
Optima/Magentis(MG)	2006	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima/Magentis(MG)	2006	General Area	TCM(Transmission Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Optima/Magentis(MG)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Optima/Magentis(MG)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MG)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Optima/Magentis(MG)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Optima/Magentis(MG)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Optima/Magentis(MG)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Optima/Magentis(MG)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Optima/Magentis(MG)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Optima/Magentis(MG)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Optima/Magentis(MG)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MG)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MG)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Optima/Magentis(MG)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Optima/Magentis(MG)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Optima/Magentis(MG)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Optima/Magentis(MG)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Optima/Magentis(MG)	2006	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Optima/Magentis(MS)	2006	General Area	ABS(Anti-Lock Brake System)	Version Information	
Optima/Magentis(MS)	2006	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Optima/Magentis(MS)	2006	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Optima/Magentis(MS)	2006	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Optima/Magentis(MS)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor

model	year	area	system	function	subfunction
Optima/Magentis(MS)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Optima/Magentis(MS)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Optima/Magentis(MS)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Optima/Magentis(MS)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Optima/Magentis(MS)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Optima/Magentis(MS)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Optima/Magentis(MS)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Optima/Magentis(MS)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Optima/Magentis(MS)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Relay
Optima/Magentis(MS)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	USV1
Optima/Magentis(MS)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	USV2
Optima/Magentis(MS)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV1
Optima/Magentis(MS)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV2
Optima/Magentis(MS)	2006	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Optima/Magentis(MS)	2006	General Area	ABS(Anti-Lock Brake System)	Special Function	Solenoid Valve Test
Optima/Magentis(MS)	2006	General Area	ABS(Anti-Lock Brake System)	Special Function	ABD/ASR Pressure Increase
Optima/Magentis(MS)	2006	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima/Magentis(MS)	2006	General Area	ECM(Engine Control Module)	Version Information	
Optima/Magentis(MS)	2006	General Area	ECM(Engine Control Module)	Read Fault Code	
Optima/Magentis(MS)	2006	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima/Magentis(MS)	2006	General Area	ECM(Engine Control Module)	Read Data Stream	
Optima/Magentis(MS)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima/Magentis(MS)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2

model	year	area	system	function	subfunction
Optima/Magentis(MS)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima/Magentis(MS)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima/Magentis(MS)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Optima/Magentis(MS)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima/Magentis(MS)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Optima/Magentis(MS)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Optima/Magentis(MS)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Optima/Magentis(MS)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Optima/Magentis(MS)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Optima/Magentis(MS)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Optima/Magentis(MS)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Optima/Magentis(MS)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima/Magentis(MS)	2006	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima/Magentis(MS)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Optima/Magentis(MS)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Optima/Magentis(MS)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Optima/Magentis(MS)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,5
Optima/Magentis(MS)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#3,6
Optima/Magentis(MS)	2006	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima/Magentis(MS)	2006	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima/Magentis(MS)	2006	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Optima/Magentis(MS)	2006	General Area	ECM(Engine Control Module)	Special Function	Ignition Test

model	year	area	system	function	subfunction
Optima/Magentis(MS)	2006	General Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Optima/Magentis(MS)	2006	General Area	ECM(Engine Control Module)	Special Function	PCSV Valve Test
Optima/Magentis(MS)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima/Magentis(MS)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima/Magentis(MS)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima/Magentis(MS)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima/Magentis(MS)	2006	General Area	TCM(Transmission Control Module)	Version Information	
Optima/Magentis(MS)	2006	General Area	TCM(Transmission Control Module)	Read Fault Code	
Optima/Magentis(MS)	2006	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima/Magentis(MS)	2006	General Area	TCM(Transmission Control Module)	Read Data Stream	
Optima/Magentis(MS)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Optima/Magentis(MS)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MS)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Solenoid Valve(SCSV C)
Optima/Magentis(MS)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Solenoid
Optima/Magentis(MS)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Optima/Magentis(MS)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Optima/Magentis(MS)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Optima/Magentis(MS)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Optima/Magentis(MS)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Optima/Magentis(MS)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp

model	year	area	system	function	subfunction
Optima/Magentis(MS)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp
Optima/Magentis(MS)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Optima/Magentis(MS)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Optima/Magentis(MS)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Optima/Magentis(MS)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MS)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MS)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MS)	2005	General Area	ABS(Anti-Lock Brake System)	Version Information	
Optima/Magentis(MS)	2005	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Optima/Magentis(MS)	2005	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Optima/Magentis(MS)	2005	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Optima/Magentis(MS)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Optima/Magentis(MS)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Optima/Magentis(MS)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Optima/Magentis(MS)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Optima/Magentis(MS)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Optima/Magentis(MS)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Optima/Magentis(MS)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Optima/Magentis(MS)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Optima/Magentis(MS)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Optima/Magentis(MS)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Relay
Optima/Magentis(MS)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	USV1
Optima/Magentis(MS)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	USV2

model	year	area	system	function	subfunction
Optima/Magentis(MS)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV1
Optima/Magentis(MS)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV2
Optima/Magentis(MS)	2005	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Optima/Magentis(MS)	2005	General Area	ABS(Anti-Lock Brake System)	Special Function	Solenoid Valve Test
Optima/Magentis(MS)	2005	General Area	ABS(Anti-Lock Brake System)	Special Function	ABD/ASR Pressure Increase
Optima/Magentis(MS)	2005	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima/Magentis(MS)	2005	General Area	ECM(Engine Control Module)	Version Information	
Optima/Magentis(MS)	2005	General Area	ECM(Engine Control Module)	Read Fault Code	
Optima/Magentis(MS)	2005	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima/Magentis(MS)	2005	General Area	ECM(Engine Control Module)	Read Data Stream	
Optima/Magentis(MS)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima/Magentis(MS)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima/Magentis(MS)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima/Magentis(MS)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima/Magentis(MS)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Optima/Magentis(MS)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima/Magentis(MS)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Optima/Magentis(MS)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Optima/Magentis(MS)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Optima/Magentis(MS)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Optima/Magentis(MS)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Optima/Magentis(MS)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Purge Control Solenoid Valve

model	year	area	system	function	subfunction
Optima/Magentis(MS)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Optima/Magentis(MS)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Optima/Magentis(MS)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima/Magentis(MS)	2005	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima/Magentis(MS)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Optima/Magentis(MS)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Optima/Magentis(MS)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Optima/Magentis(MS)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,5
Optima/Magentis(MS)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#3,6
Optima/Magentis(MS)	2005	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima/Magentis(MS)	2005	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima/Magentis(MS)	2005	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Optima/Magentis(MS)	2005	General Area	ECM(Engine Control Module)	Special Function	Ignition Test
Optima/Magentis(MS)	2005	General Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Optima/Magentis(MS)	2005	General Area	ECM(Engine Control Module)	Special Function	PCSV Valve Test
Optima/Magentis(MS)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima/Magentis(MS)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima/Magentis(MS)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima/Magentis(MS)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima/Magentis(MS)	2005	General Area	TCM(Transmission Control Module)	Version Information	

model	year	area	system	function	subfunction
Optima/Magentis(MS)	2005	General Area	TCM(Transmission Control Module)	Read Fault Code	
Optima/Magentis(MS)	2005	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima/Magentis(MS)	2005	General Area	TCM(Transmission Control Module)	Read Data Stream	
Optima/Magentis(MS)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Optima/Magentis(MS)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MS)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Solenoid Valve(SCSV C)
Optima/Magentis(MS)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Solenoid
Optima/Magentis(MS)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Optima/Magentis(MS)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Optima/Magentis(MS)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Optima/Magentis(MS)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Optima/Magentis(MS)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Optima/Magentis(MS)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Optima/Magentis(MS)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp
Optima/Magentis(MS)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Optima/Magentis(MS)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Optima/Magentis(MS)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	LOW REVERSE SOLENOID VALVE
Optima/Magentis(MS)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	UNDERDRIVE SOLENOID VALVE
Optima/Magentis(MS)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	SECOND SOLENOID VALVE
Optima/Magentis(MS)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	OVERDRIVE SOLENOID VALVE
Optima/Magentis(MS)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	REDUCE SOLENOID VALVE

model	year	area	system	function	subfunction
Optima/Magentis(MS)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	DAMPER CLUTCH CONTROL SOL.VALVE
Optima/Magentis(MS)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	1ST SHIFT INDICATOR ON
Optima/Magentis(MS)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	2ND SHIFT INDICATOR ON
Optima/Magentis(MS)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	3RD SHIFT INDICATOR ON
Optima/Magentis(MS)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	4TH SHIFT INDICATOR ON
Optima/Magentis(MS)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	5TH SHIFT INDICATOR ON
Optima/Magentis(MS)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	INTELIGENT SHIFT PROHIBITED
Optima/Magentis(MS)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Optima/Magentis(MS)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MS)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MS)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MS)	2004	General Area	ABS(Anti-Lock Brake System)	Version Information	
Optima/Magentis(MS)	2004	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Optima/Magentis(MS)	2004	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Optima/Magentis(MS)	2004	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Optima/Magentis(MS)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Optima/Magentis(MS)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Optima/Magentis(MS)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Optima/Magentis(MS)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Optima/Magentis(MS)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Optima/Magentis(MS)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Optima/Magentis(MS)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front

model	year	area	system	function	subfunction
Optima/Magentis(MS)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Optima/Magentis(MS)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Optima/Magentis(MS)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Relay
Optima/Magentis(MS)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	USV1
Optima/Magentis(MS)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	USV2
Optima/Magentis(MS)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV1
Optima/Magentis(MS)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV2
Optima/Magentis(MS)	2004	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Optima/Magentis(MS)	2004	General Area	ABS(Anti-Lock Brake System)	Special Function	Solenoid Valve Test
Optima/Magentis(MS)	2004	General Area	ABS(Anti-Lock Brake System)	Special Function	ABD/ASR Pressure Increase
Optima/Magentis(MS)	2004	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima/Magentis(MS)	2004	General Area	ECM(Engine Control Module)	Version Information	
Optima/Magentis(MS)	2004	General Area	ECM(Engine Control Module)	Read Fault Code	
Optima/Magentis(MS)	2004	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima/Magentis(MS)	2004	General Area	ECM(Engine Control Module)	Read Data Stream	
Optima/Magentis(MS)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima/Magentis(MS)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima/Magentis(MS)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima/Magentis(MS)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima/Magentis(MS)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Optima/Magentis(MS)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima/Magentis(MS)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Optima/Magentis(MS)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low

model	year	area	system	function	subfunction
Optima/Magentis(MS)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Optima/Magentis(MS)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Optima/Magentis(MS)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Optima/Magentis(MS)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Purge Control Solenoid Valve
Optima/Magentis(MS)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Optima/Magentis(MS)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Optima/Magentis(MS)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima/Magentis(MS)	2004	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima/Magentis(MS)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Optima/Magentis(MS)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Optima/Magentis(MS)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Optima/Magentis(MS)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,5
Optima/Magentis(MS)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#3,6
Optima/Magentis(MS)	2004	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima/Magentis(MS)	2004	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima/Magentis(MS)	2004	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Optima/Magentis(MS)	2004	General Area	ECM(Engine Control Module)	Special Function	Ignition Test
Optima/Magentis(MS)	2004	General Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Optima/Magentis(MS)	2004	General Area	ECM(Engine Control Module)	Special Function	PCSV Valve Test
Optima/Magentis(MS)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima/Magentis(MS)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	

model	year	area	system	function	subfunction
Optima/Magentis(MS)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima/Magentis(MS)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima/Magentis(MS)	2004	General Area	TCM(Transmission Control Module)	Version Information	
Optima/Magentis(MS)	2004	General Area	TCM(Transmission Control Module)	Read Fault Code	
Optima/Magentis(MS)	2004	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima/Magentis(MS)	2004	General Area	TCM(Transmission Control Module)	Read Data Stream	
Optima/Magentis(MS)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Optima/Magentis(MS)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MS)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Solenoid Valve(SCSV C)
Optima/Magentis(MS)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Solenoid
Optima/Magentis(MS)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Optima/Magentis(MS)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Optima/Magentis(MS)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Optima/Magentis(MS)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Optima/Magentis(MS)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Optima/Magentis(MS)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Optima/Magentis(MS)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp
Optima/Magentis(MS)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Optima/Magentis(MS)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Optima/Magentis(MS)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	LOW REVERSE SOLENOID VALVE
Optima/Magentis(MS)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	UNDERDRIVE SOLENOID VALVE

model	year	area	system	function	subfunction
Optima/Magentis(MS)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	SECOND SOLENOID VALVE
Optima/Magentis(MS)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	OVERDRIVE SOLENOID VALVE
Optima/Magentis(MS)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	REDUCE SOLENOID VALVE
Optima/Magentis(MS)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	DAMPER CLUTCH CONTROL SOL.VALVE
Optima/Magentis(MS)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	1ST SHIFT INDICATOR ON
Optima/Magentis(MS)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	2ND SHIFT INDICATOR ON
Optima/Magentis(MS)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	3RD SHIFT INDICATOR ON
Optima/Magentis(MS)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	4TH SHIFT INDICATOR ON
Optima/Magentis(MS)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	5TH SHIFT INDICATOR ON
Optima/Magentis(MS)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	INTELIGENT SHIFT PROHIBITED
Optima/Magentis(MS)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Optima/Magentis(MS)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MS)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MS)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MS)	2003	General Area	ABS(Anti-Lock Brake System)	Version Information	
Optima/Magentis(MS)	2003	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Optima/Magentis(MS)	2003	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Optima/Magentis(MS)	2003	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Optima/Magentis(MS)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Optima/Magentis(MS)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Optima/Magentis(MS)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Optima/Magentis(MS)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear

model	year	area	system	function	subfunction
Optima/Magentis(MS)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Optima/Magentis(MS)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Optima/Magentis(MS)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Optima/Magentis(MS)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Optima/Magentis(MS)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Optima/Magentis(MS)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Relay
Optima/Magentis(MS)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	USV1
Optima/Magentis(MS)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	USV2
Optima/Magentis(MS)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV1
Optima/Magentis(MS)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV2
Optima/Magentis(MS)	2003	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Optima/Magentis(MS)	2003	General Area	ABS(Anti-Lock Brake System)	Special Function	Solenoid Valve Test
Optima/Magentis(MS)	2003	General Area	ABS(Anti-Lock Brake System)	Special Function	ABD/ASR Pressure Increase
Optima/Magentis(MS)	2003	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima/Magentis(MS)	2003	General Area	ECM(Engine Control Module)	Version Information	
Optima/Magentis(MS)	2003	General Area	ECM(Engine Control Module)	Read Fault Code	
Optima/Magentis(MS)	2003	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima/Magentis(MS)	2003	General Area	ECM(Engine Control Module)	Read Data Stream	
Optima/Magentis(MS)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima/Magentis(MS)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima/Magentis(MS)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima/Magentis(MS)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima/Magentis(MS)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump

model	year	area	system	function	subfunction
Optima/Magentis(MS)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima/Magentis(MS)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Optima/Magentis(MS)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Optima/Magentis(MS)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Optima/Magentis(MS)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Optima/Magentis(MS)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Optima/Magentis(MS)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Purge Control Solenoid Valve
Optima/Magentis(MS)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Optima/Magentis(MS)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Optima/Magentis(MS)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima/Magentis(MS)	2003	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima/Magentis(MS)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Optima/Magentis(MS)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Optima/Magentis(MS)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Optima/Magentis(MS)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,5
Optima/Magentis(MS)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#3,6
Optima/Magentis(MS)	2003	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima/Magentis(MS)	2003	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima/Magentis(MS)	2003	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Optima/Magentis(MS)	2003	General Area	ECM(Engine Control Module)	Special Function	Ignition Test
Optima/Magentis(MS)	2003	General Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Optima/Magentis(MS)	2003	General Area	ECM(Engine Control Module)	Special Function	PCSV Valve Test

model	year	area	system	function	subfunction
Optima/Magentis(MS)	2003	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima/Magentis(MS)	2003	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima/Magentis(MS)	2003	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima/Magentis(MS)	2003	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima/Magentis(MS)	2003	General Area	TCM(Transmission Control Module)	Version Information	
Optima/Magentis(MS)	2003	General Area	TCM(Transmission Control Module)	Read Fault Code	
Optima/Magentis(MS)	2003	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima/Magentis(MS)	2003	General Area	TCM(Transmission Control Module)	Read Data Stream	
Optima/Magentis(MS)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Optima/Magentis(MS)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MS)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Solenoid Valve(SCSV C)
Optima/Magentis(MS)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Solenoid
Optima/Magentis(MS)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Optima/Magentis(MS)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Optima/Magentis(MS)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Optima/Magentis(MS)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Optima/Magentis(MS)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Optima/Magentis(MS)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Optima/Magentis(MS)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp
Optima/Magentis(MS)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit

model	year	area	system	function	subfunction
Optima/Magentis(MS)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Optima/Magentis(MS)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	LOW REVERSE SOLENOID VALVE
Optima/Magentis(MS)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	UNDERDRIVE SOLENOID VALVE
Optima/Magentis(MS)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	SECOND SOLENOID VALVE
Optima/Magentis(MS)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	OVERDRIVE SOLENOID VALVE
Optima/Magentis(MS)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	REDUCE SOLENOID VALVE
Optima/Magentis(MS)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	DAMPER CLUTCH CONTROL SOL.VALVE
Optima/Magentis(MS)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	1ST SHIFT INDICATOR ON
Optima/Magentis(MS)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	2ND SHIFT INDICATOR ON
Optima/Magentis(MS)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	3RD SHIFT INDICATOR ON
Optima/Magentis(MS)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	4TH SHIFT INDICATOR ON
Optima/Magentis(MS)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	5TH SHIFT INDICATOR ON
Optima/Magentis(MS)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	INTELIGENT SHIFT PROHIBITED
Optima/Magentis(MS)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Optima/Magentis(MS)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MS)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MS)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MS)	2002	General Area	ABS(Anti-Lock Brake System)	Version Information	
Optima/Magentis(MS)	2002	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Optima/Magentis(MS)	2002	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Optima/Magentis(MS)	2002	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Optima/Magentis(MS)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor

model	year	area	system	function	subfunction
Optima/Magentis(MS)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Optima/Magentis(MS)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Optima/Magentis(MS)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Optima/Magentis(MS)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Optima/Magentis(MS)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Optima/Magentis(MS)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Optima/Magentis(MS)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Optima/Magentis(MS)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Optima/Magentis(MS)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Relay
Optima/Magentis(MS)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	USV1
Optima/Magentis(MS)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	USV2
Optima/Magentis(MS)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV1
Optima/Magentis(MS)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV2
Optima/Magentis(MS)	2002	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Optima/Magentis(MS)	2002	General Area	ABS(Anti-Lock Brake System)	Special Function	Solenoid Valve Test
Optima/Magentis(MS)	2002	General Area	ABS(Anti-Lock Brake System)	Special Function	ABD/ASR Pressure Increase
Optima/Magentis(MS)	2002	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima/Magentis(MS)	2002	General Area	ECM(Engine Control Module)	Version Information	
Optima/Magentis(MS)	2002	General Area	ECM(Engine Control Module)	Read Fault Code	
Optima/Magentis(MS)	2002	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima/Magentis(MS)	2002	General Area	ECM(Engine Control Module)	Read Data Stream	
Optima/Magentis(MS)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima/Magentis(MS)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2

model	year	area	system	function	subfunction
Optima/Magentis(MS)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima/Magentis(MS)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima/Magentis(MS)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Optima/Magentis(MS)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima/Magentis(MS)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Optima/Magentis(MS)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Optima/Magentis(MS)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Optima/Magentis(MS)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Optima/Magentis(MS)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Optima/Magentis(MS)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Purge Control Solenoid Valve
Optima/Magentis(MS)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Optima/Magentis(MS)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Optima/Magentis(MS)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima/Magentis(MS)	2002	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima/Magentis(MS)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Optima/Magentis(MS)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Optima/Magentis(MS)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Optima/Magentis(MS)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,5
Optima/Magentis(MS)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#3,6
Optima/Magentis(MS)	2002	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima/Magentis(MS)	2002	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima/Magentis(MS)	2002	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type

model	year	area	system	function	subfunction
Optima/Magentis(MS)	2002	General Area	ECM(Engine Control Module)	Special Function	Ignition Test
Optima/Magentis(MS)	2002	General Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Optima/Magentis(MS)	2002	General Area	ECM(Engine Control Module)	Special Function	PCSV Valve Test
Optima/Magentis(MS)	2002	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima/Magentis(MS)	2002	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima/Magentis(MS)	2002	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima/Magentis(MS)	2002	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima/Magentis(MS)	2002	General Area	TCM(Transmission Control Module)	Version Information	
Optima/Magentis(MS)	2002	General Area	TCM(Transmission Control Module)	Read Fault Code	
Optima/Magentis(MS)	2002	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima/Magentis(MS)	2002	General Area	TCM(Transmission Control Module)	Read Data Stream	
Optima/Magentis(MS)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Optima/Magentis(MS)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MS)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Solenoid Valve(SCSV C)
Optima/Magentis(MS)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Solenoid
Optima/Magentis(MS)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Optima/Magentis(MS)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Optima/Magentis(MS)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Optima/Magentis(MS)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Optima/Magentis(MS)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp

model	year	area	system	function	subfunction
Optima/Magentis(MS)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Optima/Magentis(MS)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp
Optima/Magentis(MS)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Optima/Magentis(MS)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Optima/Magentis(MS)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	LOW REVERSE SOLENOID VALVE
Optima/Magentis(MS)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	UNDERDRIVE SOLENOID VALVE
Optima/Magentis(MS)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	SECOND SOLENOID VALVE
Optima/Magentis(MS)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	OVERDRIVE SOLENOID VALVE
Optima/Magentis(MS)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	REDUCE SOLENOID VALVE
Optima/Magentis(MS)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	DAMPER CLUTCH CONTROL SOL.VALVE
Optima/Magentis(MS)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	1ST SHIFT INDICATOR ON
Optima/Magentis(MS)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	2ND SHIFT INDICATOR ON
Optima/Magentis(MS)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	3RD SHIFT INDICATOR ON
Optima/Magentis(MS)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	4TH SHIFT INDICATOR ON
Optima/Magentis(MS)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	5TH SHIFT INDICATOR ON
Optima/Magentis(MS)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	INTELIGENT SHIFT PROHIBITED
Optima/Magentis(MS)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Optima/Magentis(MS)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MS)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MS)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MS)	2001	General Area	ABS(Anti-Lock Brake System)	Version Information	
Optima/Magentis(MS)	2001	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	

model	year	area	system	function	subfunction
Optima/Magentis(MS)	2001	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Optima/Magentis(MS)	2001	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Optima/Magentis(MS)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Optima/Magentis(MS)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Optima/Magentis(MS)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Optima/Magentis(MS)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Optima/Magentis(MS)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Optima/Magentis(MS)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Optima/Magentis(MS)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Optima/Magentis(MS)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Optima/Magentis(MS)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Optima/Magentis(MS)	2001	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Optima/Magentis(MS)	2001	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima/Magentis(MS)	2001	General Area	ECM(Engine Control Module)	Version Information	
Optima/Magentis(MS)	2001	General Area	ECM(Engine Control Module)	Read Fault Code	
Optima/Magentis(MS)	2001	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima/Magentis(MS)	2001	General Area	ECM(Engine Control Module)	Read Data Stream	
Optima/Magentis(MS)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima/Magentis(MS)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima/Magentis(MS)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima/Magentis(MS)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima/Magentis(MS)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Optima/Magentis(MS)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve

model	year	area	system	function	subfunction
Optima/Magentis(MS)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Optima/Magentis(MS)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Optima/Magentis(MS)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Optima/Magentis(MS)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Optima/Magentis(MS)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Optima/Magentis(MS)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Purge Control Solenoid Valve
Optima/Magentis(MS)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Optima/Magentis(MS)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Optima/Magentis(MS)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima/Magentis(MS)	2001	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima/Magentis(MS)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Optima/Magentis(MS)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Optima/Magentis(MS)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Optima/Magentis(MS)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,5
Optima/Magentis(MS)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#3,6
Optima/Magentis(MS)	2001	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima/Magentis(MS)	2001	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima/Magentis(MS)	2001	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Optima/Magentis(MS)	2001	General Area	ECM(Engine Control Module)	Special Function	Ignition Test
Optima/Magentis(MS)	2001	General Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Optima/Magentis(MS)	2001	General Area	ECM(Engine Control Module)	Special Function	PCSV Valve Test

model	year	area	system	function	subfunction
Optima/Magentis(MS)	2001	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima/Magentis(MS)	2001	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima/Magentis(MS)	2001	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima/Magentis(MS)	2001	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima/Magentis(MS)	2001	General Area	TCM(Transmission Control Module)	Version Information	
Optima/Magentis(MS)	2001	General Area	TCM(Transmission Control Module)	Read Fault Code	
Optima/Magentis(MS)	2001	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima/Magentis(MS)	2001	General Area	TCM(Transmission Control Module)	Read Data Stream	
Optima/Magentis(MS)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Optima/Magentis(MS)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MS)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Solenoid Valve(SCSV C)
Optima/Magentis(MS)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Solenoid
Optima/Magentis(MS)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Optima/Magentis(MS)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Optima/Magentis(MS)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Optima/Magentis(MS)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Optima/Magentis(MS)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Optima/Magentis(MS)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Optima/Magentis(MS)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp
Optima/Magentis(MS)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit

model	year	area	system	function	subfunction
Optima/Magentis(MS)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Optima/Magentis(MS)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	LOW REVERSE SOLENOID VALVE
Optima/Magentis(MS)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	UNDERDRIVE SOLENOID VALVE
Optima/Magentis(MS)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	SECOND SOLENOID VALVE
Optima/Magentis(MS)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	OVERDRIVE SOLENOID VALVE
Optima/Magentis(MS)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	REDUCE SOLENOID VALVE
Optima/Magentis(MS)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	DAMPER CLUTCH CONTROL SOL.VALVE
Optima/Magentis(MS)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	1ST SHIFT INDICATOR ON
Optima/Magentis(MS)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	2ND SHIFT INDICATOR ON
Optima/Magentis(MS)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	3RD SHIFT INDICATOR ON
Optima/Magentis(MS)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	4TH SHIFT INDICATOR ON
Optima/Magentis(MS)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	5TH SHIFT INDICATOR ON
Optima/Magentis(MS)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	INTELIGENT SHIFT PROHIBITED
Optima/Magentis(MS)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Optima/Magentis(MS)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MS)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima/Magentis(MS)	2001	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Picanto(SA)	2011	General Area	ABS(Anti-Lock Brake System)	Version Information	
Picanto(SA)	2011	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Picanto(SA)	2011	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Picanto(SA)	2011	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Picanto(SA)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor

model	year	area	system	function	subfunction
Picanto(SA)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Picanto(SA)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Picanto(SA)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Picanto(SA)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Picanto(SA)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Picanto(SA)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Picanto(SA)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Picanto(SA)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Picanto(SA)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Picanto(SA)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Picanto(SA)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
Picanto(SA)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
Picanto(SA)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
Picanto(SA)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
Picanto(SA)	2011	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Version	
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Read Fault Code	
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Clear Fault	
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Read Data	
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%

model	year	area	system	function	subfunction
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot

model	year	area	system	function	subfunction
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Picanto(SA)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Version Information	
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Read Fault Code	
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Read Data Stream	
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater On(Diesel)
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low

model	year	area	system	function	subfunction
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3

model	year	area	system	function	subfunction
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Picanto(SA)	2011	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Picanto(SA)	2011	General Area	EPS(Electronic Power Steering)	Version Information	
Picanto(SA)	2011	General Area	EPS(Electronic Power Steering)	Read Fault Code	
Picanto(SA)	2011	General Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Picanto(SA)	2011	General Area	EPS(Electronic Power Steering)	Read Data Stream	
Picanto(SA)	2011	General Area	IMMO(Immobilizer)	Read Data	
Picanto(SA)	2011	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Picanto(SA)	2011	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Picanto(SA)	2011	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Picanto(SA)	2011	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Picanto(SA)	2011	General Area	IMMO(Immobilizer)	Special Function	Teaching
Picanto(SA)	2011	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Picanto(SA)	2011	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Picanto(SA)	2011	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Picanto(SA)	2011	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Picanto(SA)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Picanto(SA)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	

model	year	area	system	function	subfunction
Picanto(SA)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Picanto(SA)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Picanto(SA)	2011	General Area	TCM(Transmission Control Module)	Version Information	
Picanto(SA)	2011	General Area	TCM(Transmission Control Module)	Read Fault Code	
Picanto(SA)	2011	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Picanto(SA)	2011	General Area	TCM(Transmission Control Module)	Read Data Stream	
Picanto(SA)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Picanto(SA)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
Picanto(SA)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
Picanto(SA)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-C(PCSV-C)
Picanto(SA)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Picanto(SA)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Picanto(SA)	2011	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Picanto(SA)	2010	General Area	ABS(Anti-Lock Brake System)	Version Information	
Picanto(SA)	2010	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Picanto(SA)	2010	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Picanto(SA)	2010	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Picanto(SA)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Picanto(SA)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Picanto(SA)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front

model	year	area	system	function	subfunction
Picanto(SA)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Picanto(SA)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Picanto(SA)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Picanto(SA)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Picanto(SA)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Picanto(SA)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Picanto(SA)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Picanto(SA)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Picanto(SA)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
Picanto(SA)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
Picanto(SA)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
Picanto(SA)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
Picanto(SA)	2010	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Version	
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Read Fault Code	
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Clear Fault	
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Read Data	
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%

model	year	area	system	function	subfunction
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open

model	year	area	system	function	subfunction
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Picanto(SA)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Version Information	
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Read Fault Code	
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Read Data Stream	
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater On(Diesel)
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay

model	year	area	system	function	subfunction
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data

model	year	area	system	function	subfunction
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Picanto(SA)	2010	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Picanto(SA)	2010	General Area	EPS(Electronic Power Steering)	Version Information	
Picanto(SA)	2010	General Area	EPS(Electronic Power Steering)	Read Fault Code	
Picanto(SA)	2010	General Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Picanto(SA)	2010	General Area	EPS(Electronic Power Steering)	Read Data Stream	
Picanto(SA)	2010	General Area	IMMO(Immobilizer)	Read Data	
Picanto(SA)	2010	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Picanto(SA)	2010	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Picanto(SA)	2010	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Picanto(SA)	2010	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Picanto(SA)	2010	General Area	IMMO(Immobilizer)	Special Function	Teaching
Picanto(SA)	2010	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Picanto(SA)	2010	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Picanto(SA)	2010	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Picanto(SA)	2010	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Picanto(SA)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Picanto(SA)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Picanto(SA)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Picanto(SA)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	

model	year	area	system	function	subfunction
Picanto(SA)	2010	General Area	TCM(Transmission Control Module)	Version Information	
Picanto(SA)	2010	General Area	TCM(Transmission Control Module)	Read Fault Code	
Picanto(SA)	2010	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Picanto(SA)	2010	General Area	TCM(Transmission Control Module)	Read Data Stream	
Picanto(SA)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Picanto(SA)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
Picanto(SA)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
Picanto(SA)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-C(PCSV-C)
Picanto(SA)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Picanto(SA)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Picanto(SA)	2010	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Picanto(SA)	2009	General Area	ABS(Anti-Lock Brake System)	Version Information	
Picanto(SA)	2009	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Picanto(SA)	2009	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Picanto(SA)	2009	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Picanto(SA)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Picanto(SA)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Picanto(SA)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Picanto(SA)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Picanto(SA)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Picanto(SA)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front

model	year	area	system	function	subfunction
Picanto(SA)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Picanto(SA)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Picanto(SA)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Picanto(SA)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Picanto(SA)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Picanto(SA)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
Picanto(SA)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
Picanto(SA)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
Picanto(SA)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
Picanto(SA)	2009	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Version	
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Read Fault Code	
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Clear Fault	
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Read Data	
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost

model	year	area	system	function	subfunction
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%

model	year	area	system	function	subfunction
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Picanto(SA)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Version Information	
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Read Fault Code	
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Read Data Stream	
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater On(Diesel)
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)

model	year	area	system	function	subfunction
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values

model	year	area	system	function	subfunction
Picanto(SA)	2009	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Picanto(SA)	2009	General Area	EPS(Electronic Power Steering)	Version Information	
Picanto(SA)	2009	General Area	EPS(Electronic Power Steering)	Read Fault Code	
Picanto(SA)	2009	General Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Picanto(SA)	2009	General Area	EPS(Electronic Power Steering)	Read Data Stream	
Picanto(SA)	2009	General Area	IMMO(Immobilizer)	Read Data	
Picanto(SA)	2009	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Picanto(SA)	2009	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Picanto(SA)	2009	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Picanto(SA)	2009	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Picanto(SA)	2009	General Area	IMMO(Immobilizer)	Special Function	Teaching
Picanto(SA)	2009	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Picanto(SA)	2009	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Picanto(SA)	2009	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Picanto(SA)	2009	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Picanto(SA)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Picanto(SA)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Picanto(SA)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Picanto(SA)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Picanto(SA)	2009	General Area	TCM(Transmission Control Module)	Version Information	
Picanto(SA)	2009	General Area	TCM(Transmission Control Module)	Read Fault Code	
Picanto(SA)	2009	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Picanto(SA)	2009	General Area	TCM(Transmission Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Picanto(SA)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Picanto(SA)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
Picanto(SA)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
Picanto(SA)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-C(PCSV-C)
Picanto(SA)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Picanto(SA)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Picanto(SA)	2009	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Picanto(SA)	2008	General Area	ABS(Anti-Lock Brake System)	Version Information	
Picanto(SA)	2008	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Picanto(SA)	2008	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Picanto(SA)	2008	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Picanto(SA)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Picanto(SA)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Picanto(SA)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Picanto(SA)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Picanto(SA)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Picanto(SA)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Picanto(SA)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Picanto(SA)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Picanto(SA)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Picanto(SA)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front

model	year	area	system	function	subfunction
Picanto(SA)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Picanto(SA)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
Picanto(SA)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
Picanto(SA)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
Picanto(SA)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
Picanto(SA)	2008	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Version	
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Read Fault Code	
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Clear Fault	
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Read Data	
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off

model	year	area	system	function	subfunction
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%

model	year	area	system	function	subfunction
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Picanto(SA)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Version Information	
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Read Fault Code	
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Read Data Stream	
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater On(Diesel)
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater

model	year	area	system	function	subfunction
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Picanto(SA)	2008	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Picanto(SA)	2008	General Area	IMMO(Immobilizer)	Read Data	
Picanto(SA)	2008	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Picanto(SA)	2008	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode

model	year	area	system	function	subfunction
Picanto(SA)	2008	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Picanto(SA)	2008	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Picanto(SA)	2008	General Area	IMMO(Immobilizer)	Special Function	Teaching
Picanto(SA)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Picanto(SA)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Picanto(SA)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Picanto(SA)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Picanto(SA)	2008	General Area	Steering	Version	
Picanto(SA)	2008	General Area	Steering	Read Fault Code	
Picanto(SA)	2008	General Area	Steering	Clear Fault	
Picanto(SA)	2008	General Area	Steering	Read Data	
Picanto(SA)	2008	General Area	TCM(Transmission Control Module)	Version Information	
Picanto(SA)	2008	General Area	TCM(Transmission Control Module)	Read Fault Code	
Picanto(SA)	2008	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Picanto(SA)	2008	General Area	TCM(Transmission Control Module)	Read Data Stream	
Picanto(SA)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Picanto(SA)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
Picanto(SA)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
Picanto(SA)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-C(PCSV-C)
Picanto(SA)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Picanto(SA)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Picanto(SA)	2008	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values

model	year	area	system	function	subfunction
Picanto(SA)	2007	General Area	ABS(Anti-Lock Brake System)	Version Information	
Picanto(SA)	2007	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Picanto(SA)	2007	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Picanto(SA)	2007	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Picanto(SA)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Picanto(SA)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Picanto(SA)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Picanto(SA)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Picanto(SA)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Picanto(SA)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Picanto(SA)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Picanto(SA)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Picanto(SA)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Picanto(SA)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Picanto(SA)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Picanto(SA)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
Picanto(SA)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
Picanto(SA)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
Picanto(SA)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
Picanto(SA)	2007	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Picanto(SA)	2007	General Area	ECM(Engine Control Module)	Version Information	
Picanto(SA)	2007	General Area	ECM(Engine Control Module)	Read Fault Code	
Picanto(SA)	2007	General Area	ECM(Engine Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Picanto(SA)	2007	General Area	ECM(Engine Control Module)	Read Data Stream	
Picanto(SA)	2007	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Picanto(SA)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Picanto(SA)	2007	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater On(Diesel)
Picanto(SA)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Picanto(SA)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Picanto(SA)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Picanto(SA)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Picanto(SA)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Picanto(SA)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Picanto(SA)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Picanto(SA)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Picanto(SA)	2007	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Picanto(SA)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Picanto(SA)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan
Picanto(SA)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve(CPS)
Picanto(SA)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Picanto(SA)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Picanto(SA)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Picanto(SA)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Picanto(SA)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2

model	year	area	system	function	subfunction
Picanto(SA)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Picanto(SA)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Picanto(SA)	2007	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Picanto(SA)	2007	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Picanto(SA)	2007	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Picanto(SA)	2007	General Area	IMMO(Immobilizer)	Read Data	
Picanto(SA)	2007	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Picanto(SA)	2007	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Picanto(SA)	2007	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Picanto(SA)	2007	General Area	IMMO(Immobilizer)	Special Function	Teaching
Picanto(SA)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Picanto(SA)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Picanto(SA)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Picanto(SA)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Picanto(SA)	2007	General Area	Steering	Version	
Picanto(SA)	2007	General Area	Steering	Read Fault Code	
Picanto(SA)	2007	General Area	Steering	Clear Fault	
Picanto(SA)	2007	General Area	Steering	Read Data	
Picanto(SA)	2007	General Area	Steering	Special Function	EPS Type Recognition
Picanto(SA)	2007	General Area	TCM(Transmission Control Module)	Version Information	
Picanto(SA)	2007	General Area	TCM(Transmission Control Module)	Read Fault Code	
Picanto(SA)	2007	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Picanto(SA)	2007	General Area	TCM(Transmission Control Module)	Read Data Stream	
Picanto(SA)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-A
Picanto(SA)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-B

model	year	area	system	function	subfunction
Picanto(SA)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-C
Picanto(SA)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
Picanto(SA)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
Picanto(SA)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Picanto(SA)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
Picanto(SA)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	PL Solenoid
Picanto(SA)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	LU Solenoid
Picanto(SA)	2007	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Picanto(SA)	2006	General Area	ABS(Anti-Lock Brake System)	Version Information	
Picanto(SA)	2006	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Picanto(SA)	2006	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Picanto(SA)	2006	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Picanto(SA)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Picanto(SA)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Picanto(SA)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Picanto(SA)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Picanto(SA)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Picanto(SA)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Picanto(SA)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Picanto(SA)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Picanto(SA)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Picanto(SA)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front

model	year	area	system	function	subfunction
Picanto(SA)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Picanto(SA)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
Picanto(SA)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
Picanto(SA)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
Picanto(SA)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
Picanto(SA)	2006	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Picanto(SA)	2006	General Area	ECM(Engine Control Module)	Version Information	
Picanto(SA)	2006	General Area	ECM(Engine Control Module)	Read Fault Code	
Picanto(SA)	2006	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Picanto(SA)	2006	General Area	ECM(Engine Control Module)	Read Data Stream	
Picanto(SA)	2006	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Picanto(SA)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Picanto(SA)	2006	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater On(Diesel)
Picanto(SA)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Picanto(SA)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Picanto(SA)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Picanto(SA)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Picanto(SA)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Picanto(SA)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Picanto(SA)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Picanto(SA)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)

model	year	area	system	function	subfunction
Picanto(SA)	2006	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Picanto(SA)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Picanto(SA)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan
Picanto(SA)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve(CPS)
Picanto(SA)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Picanto(SA)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Picanto(SA)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Picanto(SA)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Picanto(SA)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Picanto(SA)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Picanto(SA)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Picanto(SA)	2006	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Picanto(SA)	2006	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Picanto(SA)	2006	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Picanto(SA)	2006	General Area	IMMO(Immobilizer)	Read Data	
Picanto(SA)	2006	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Picanto(SA)	2006	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Picanto(SA)	2006	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Picanto(SA)	2006	General Area	IMMO(Immobilizer)	Special Function	Teaching
Picanto(SA)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Picanto(SA)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Picanto(SA)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Picanto(SA)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	

model	year	area	system	function	subfunction
Picanto(SA)	2006	General Area	Steering	Version	
Picanto(SA)	2006	General Area	Steering	Read Fault Code	
Picanto(SA)	2006	General Area	Steering	Clear Fault	
Picanto(SA)	2006	General Area	Steering	Read Data	
Picanto(SA)	2006	General Area	Steering	Special Function	EPS TYPE RECOGNITION
Picanto(SA)	2006	General Area	TCM(Transmission Control Module)	Version Information	
Picanto(SA)	2006	General Area	TCM(Transmission Control Module)	Read Fault Code	
Picanto(SA)	2006	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Picanto(SA)	2006	General Area	TCM(Transmission Control Module)	Read Data Stream	
Picanto(SA)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-A
Picanto(SA)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-B
Picanto(SA)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-C
Picanto(SA)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
Picanto(SA)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
Picanto(SA)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Picanto(SA)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
Picanto(SA)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	PL Solenoid
Picanto(SA)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	LU Solenoid
Picanto(SA)	2006	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Picanto(SA)	2005	General Area	ABS(Anti-Lock Brake System)	Version Information	
Picanto(SA)	2005	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Picanto(SA)	2005	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Picanto(SA)	2005	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Picanto(SA)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor

model	year	area	system	function	subfunction
Picanto(SA)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Picanto(SA)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Picanto(SA)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Picanto(SA)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Picanto(SA)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Picanto(SA)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Picanto(SA)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Picanto(SA)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Picanto(SA)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Picanto(SA)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Picanto(SA)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
Picanto(SA)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
Picanto(SA)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
Picanto(SA)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
Picanto(SA)	2005	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Picanto(SA)	2005	General Area	ECM(Engine Control Module)	Version Information	
Picanto(SA)	2005	General Area	ECM(Engine Control Module)	Read Fault Code	
Picanto(SA)	2005	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Picanto(SA)	2005	General Area	ECM(Engine Control Module)	Read Data Stream	
Picanto(SA)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Picanto(SA)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Picanto(SA)	2005	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Picanto(SA)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan

model	year	area	system	function	subfunction
Picanto(SA)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve(CPS)
Picanto(SA)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Picanto(SA)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Picanto(SA)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Picanto(SA)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Picanto(SA)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Picanto(SA)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Picanto(SA)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Picanto(SA)	2005	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Picanto(SA)	2005	General Area	IMMO(Immobilizer)	Read Data	
Picanto(SA)	2005	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Picanto(SA)	2005	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Picanto(SA)	2005	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Picanto(SA)	2005	General Area	IMMO(Immobilizer)	Special Function	Teaching
Picanto(SA)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Picanto(SA)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Picanto(SA)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Picanto(SA)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Picanto(SA)	2005	General Area	TCM(Transmission Control Module)	Version Information	
Picanto(SA)	2005	General Area	TCM(Transmission Control Module)	Read Fault Code	
Picanto(SA)	2005	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Picanto(SA)	2005	General Area	TCM(Transmission Control Module)	Read Data Stream	
Picanto(SA)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-A

model	year	area	system	function	subfunction
Picanto(SA)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-B
Picanto(SA)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	PL Solenoid
Picanto(SA)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	LU Solenoid
Picanto(SA)	2004	General Area	ABS(Anti-Lock Brake System)	Version Information	
Picanto(SA)	2004	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Picanto(SA)	2004	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Picanto(SA)	2004	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Picanto(SA)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Picanto(SA)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Picanto(SA)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Picanto(SA)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Picanto(SA)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Picanto(SA)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Picanto(SA)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Picanto(SA)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Picanto(SA)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Picanto(SA)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Picanto(SA)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Picanto(SA)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
Picanto(SA)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
Picanto(SA)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
Picanto(SA)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
Picanto(SA)	2004	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode

model	year	area	system	function	subfunction
Picanto(SA)	2004	General Area	ECM(Engine Control Module)	Version Information	
Picanto(SA)	2004	General Area	ECM(Engine Control Module)	Read Fault Code	
Picanto(SA)	2004	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Picanto(SA)	2004	General Area	ECM(Engine Control Module)	Read Data Stream	
Picanto(SA)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Picanto(SA)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Picanto(SA)	2004	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Picanto(SA)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan
Picanto(SA)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve(CPS)
Picanto(SA)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Picanto(SA)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Picanto(SA)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Picanto(SA)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Picanto(SA)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Picanto(SA)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Picanto(SA)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Picanto(SA)	2004	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Picanto(SA)	2004	General Area	IMMO(Immobilizer)	Read Data	
Picanto(SA)	2004	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Picanto(SA)	2004	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Picanto(SA)	2004	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Picanto(SA)	2004	General Area	IMMO(Immobilizer)	Special Function	Teaching
Picanto(SA)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Picanto(SA)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	

model	year	area	system	function	subfunction
Picanto(SA)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Picanto(SA)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Picanto(SA)	2004	General Area	TCM(Transmission Control Module)	Version Information	
Picanto(SA)	2004	General Area	TCM(Transmission Control Module)	Read Fault Code	
Picanto(SA)	2004	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Picanto(SA)	2004	General Area	TCM(Transmission Control Module)	Read Data Stream	
Picanto(SA)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-A
Picanto(SA)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-B
Picanto(SA)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	PL Solenoid
Picanto(SA)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	LU Solenoid
Picanto(SA)	2003	General Area	ABS(Anti-Lock Brake System)	Version Information	
Picanto(SA)	2003	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Picanto(SA)	2003	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Picanto(SA)	2003	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Picanto(SA)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Picanto(SA)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Picanto(SA)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Picanto(SA)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Picanto(SA)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Picanto(SA)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Picanto(SA)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Picanto(SA)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear

model	year	area	system	function	subfunction
Picanto(SA)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Picanto(SA)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Picanto(SA)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Picanto(SA)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
Picanto(SA)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
Picanto(SA)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
Picanto(SA)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
Picanto(SA)	2003	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Picanto(SA)	2003	General Area	ECM(Engine Control Module)	Version Information	
Picanto(SA)	2003	General Area	ECM(Engine Control Module)	Read Fault Code	
Picanto(SA)	2003	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Picanto(SA)	2003	General Area	ECM(Engine Control Module)	Read Data Stream	
Picanto(SA)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Picanto(SA)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Picanto(SA)	2003	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Picanto(SA)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan
Picanto(SA)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve(CPS)
Picanto(SA)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Picanto(SA)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Picanto(SA)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Picanto(SA)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Picanto(SA)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Picanto(SA)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3

model	year	area	system	function	subfunction
Picanto(SA)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Picanto(SA)	2003	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Picanto(SA)	2003	General Area	IMMO(Immobilizer)	Read Data	
Picanto(SA)	2003	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Picanto(SA)	2003	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Picanto(SA)	2003	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Picanto(SA)	2003	General Area	IMMO(Immobilizer)	Special Function	Teaching
Picanto(SA)	2003	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Picanto(SA)	2003	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Picanto(SA)	2003	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Picanto(SA)	2003	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Picanto(SA)	2003	General Area	TCM(Transmission Control Module)	Version Information	
Picanto(SA)	2003	General Area	TCM(Transmission Control Module)	Read Fault Code	
Picanto(SA)	2003	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Picanto(SA)	2003	General Area	TCM(Transmission Control Module)	Read Data Stream	
Picanto(SA)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-A
Picanto(SA)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-B
Picanto(SA)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	PL Solenoid
Picanto(SA)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	LU Solenoid
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Version Information	
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	

model	year	area	system	function	subfunction
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Brake Lamp Control
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IFL Control
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	OFL Control
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IFR Control
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IRL Control
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ORL Control
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IRR Control
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ORR Control
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FR Valve Control
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FL Valve Control

model	year	area	system	function	subfunction
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-R Control
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-L Control
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	In-Line Bleeding
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Repair Bleeding-FL/RR Circuit
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Repair Bleeding-FR/RL Circuit
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	HAC Brake Lamp Actuator
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Lamp
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Picanto(TA)	2017	General Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Version	
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Read Fault Code	
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Clear Fault	
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Read Data	
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent

model	year	area	system	function	subfunction
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%

model	year	area	system	function	subfunction
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Defog-ON
Picanto(TA)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Defog-OFF
Picanto(TA)	2017	General Area	BCM(Body Control Module)	Version Information	
Picanto(TA)	2017	General Area	BCM(Body Control Module)	Read Fault Code	
Picanto(TA)	2017	General Area	BCM(Body Control Module)	Clear Fault Memory	
Picanto(TA)	2017	General Area	BCM(Body Control Module)	Read Data Stream	
Picanto(TA)	2017	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Output
Picanto(TA)	2017	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Output
Picanto(TA)	2017	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Output
Picanto(TA)	2017	General Area	BCM(Body Control Module)	Actuation Test	Start inhibit Output
Picanto(TA)	2017	General Area	BCM(Body Control Module)	Actuation Test	Power Window Output
Picanto(TA)	2017	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output

model	year	area	system	function	subfunction
Picanto(TA)	2017	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Output
Picanto(TA)	2017	General Area	BCM(Body Control Module)	Actuation Test	Hazard Output(+RK)
Picanto(TA)	2017	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Output
Picanto(TA)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Output
Picanto(TA)	2017	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Output
Picanto(TA)	2017	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Picanto(TA)	2017	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp Output
Picanto(TA)	2017	General Area	BCM(Body Control Module)	Actuation Test	DRL Europe Output(Dedicated Lamp)
Picanto(TA)	2017	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Picanto(TA)	2017	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Picanto(TA)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Picanto(TA)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt
Picanto(TA)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt
Picanto(TA)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt
Picanto(TA)	2017	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Picanto(TA)	2017	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Picanto(TA)	2017	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Picanto(TA)	2017	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Version Information	
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Read Fault Code	
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail

model	year	area	system	function	subfunction
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1

model	year	area	system	function	subfunction
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction

model	year	area	system	function	subfunction
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Special Function	Read VIN

model	year	area	system	function	subfunction
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Picanto(TA)	2017	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Picanto(TA)	2017	General Area	IMMO(Immobilizer)	Read Fault Code	
Picanto(TA)	2017	General Area	IMMO(Immobilizer)	Clear Fault	
Picanto(TA)	2017	General Area	IMMO(Immobilizer)	Read Data	
Picanto(TA)	2017	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Picanto(TA)	2017	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Picanto(TA)	2017	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Picanto(TA)	2017	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Picanto(TA)	2017	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Picanto(TA)	2017	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Picanto(TA)	2017	General Area	Smart Key Unit	Version	
Picanto(TA)	2017	General Area	Smart Key Unit	Read Fault Code	
Picanto(TA)	2017	General Area	Smart Key Unit	Clear Fault	
Picanto(TA)	2017	General Area	Smart Key Unit	Read Data	
Picanto(TA)	2017	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Picanto(TA)	2017	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Picanto(TA)	2017	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Picanto(TA)	2017	General Area	Smart Key Unit	Actuation Test	ACC Relay
Picanto(TA)	2017	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Picanto(TA)	2017	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Picanto(TA)	2017	General Area	Smart Key Unit	Actuation Test	START Relay
Picanto(TA)	2017	General Area	Smart Key Unit	Actuation Test	External Buzzer
Picanto(TA)	2017	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Picanto(TA)	2017	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Picanto(TA)	2017	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Picanto(TA)	2017	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Picanto(TA)	2017	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna

model	year	area	system	function	subfunction
Picanto(TA)	2017	General Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna
Picanto(TA)	2017	General Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
Picanto(TA)	2017	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Picanto(TA)	2017	General Area	Smart Key Unit	Special Function	Neutralization Mode
Picanto(TA)	2017	General Area	Smart Key Unit	Special Function	SMK Status Information
Picanto(TA)	2017	General Area	Smart Key Unit	Special Function	ESCL Status Information
Picanto(TA)	2017	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Picanto(TA)	2017	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Picanto(TA)	2017	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Picanto(TA)	2017	General Area	Smart Key Unit	Special Function	Antenna Status Check
Picanto(TA)	2017	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Picanto(TA)	2017	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Picanto(TA)	2017	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Picanto(TA)	2017	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Picanto(TA)	2017	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Picanto(TA)	2017	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Picanto(TA)	2017	General Area	TCM(Transmission Control Module)	Version Information	
Picanto(TA)	2017	General Area	TCM(Transmission Control Module)	Read Fault Code	
Picanto(TA)	2017	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Picanto(TA)	2017	General Area	TCM(Transmission Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Picanto(TA)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
Picanto(TA)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
Picanto(TA)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE
Picanto(TA)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
Picanto(TA)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
Picanto(TA)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Picanto(TA)	2017	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Picanto(TA)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Picanto(TA)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Picanto(TA)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Picanto(TA)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Picanto(TA)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Picanto(TA)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Picanto(TA)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Picanto(TA)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Picanto(TA)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Picanto(TA)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Version Information	
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	

model	year	area	system	function	subfunction
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Brake Lamp Control
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IFL Control
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	OFL Control
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IFR Control
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IRL Control
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ORL Control
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IRR Control
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ORR Control

model	year	area	system	function	subfunction
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FR Valve Control
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FL Valve Control
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-R Control
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-L Control
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	In-Line Bleeding
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Repair Bleeding-FL/RR Circuit
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Repair Bleeding-FR/RL Circuit
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	HAC Brake Lamp Actuator
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Lamp
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Picanto(TA)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Version	
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Read Fault Code	
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Clear Fault	
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Read Data	
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%

model	year	area	system	function	subfunction
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost

model	year	area	system	function	subfunction
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Defog-ON
Picanto(TA)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Defog-OFF
Picanto(TA)	2016	General Area	BCM(Body Control Module)	Version Information	
Picanto(TA)	2016	General Area	BCM(Body Control Module)	Read Fault Code	
Picanto(TA)	2016	General Area	BCM(Body Control Module)	Clear Fault Memory	
Picanto(TA)	2016	General Area	BCM(Body Control Module)	Read Data Stream	
Picanto(TA)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Output
Picanto(TA)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Output
Picanto(TA)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Output
Picanto(TA)	2016	General Area	BCM(Body Control Module)	Actuation Test	Start inhibit Output

model	year	area	system	function	subfunction
Picanto(TA)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Window Output
Picanto(TA)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Picanto(TA)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Output
Picanto(TA)	2016	General Area	BCM(Body Control Module)	Actuation Test	Hazard Output(+RK)
Picanto(TA)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Output
Picanto(TA)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Output
Picanto(TA)	2016	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Output
Picanto(TA)	2016	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Picanto(TA)	2016	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp Output
Picanto(TA)	2016	General Area	BCM(Body Control Module)	Actuation Test	DRL Europe Output(Dedicated Lamp)
Picanto(TA)	2016	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Picanto(TA)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Picanto(TA)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Picanto(TA)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt
Picanto(TA)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt
Picanto(TA)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt
Picanto(TA)	2016	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Picanto(TA)	2016	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Picanto(TA)	2016	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Picanto(TA)	2016	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Version Information	
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Read Data Stream	
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM

model	year	area	system	function	subfunction
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor

model	year	area	system	function	subfunction
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)

model	year	area	system	function	subfunction
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Picanto(TA)	2016	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Picanto(TA)	2016	General Area	IMMO(Immobilizer)	Read Fault Code	
Picanto(TA)	2016	General Area	IMMO(Immobilizer)	Clear Fault	
Picanto(TA)	2016	General Area	IMMO(Immobilizer)	Read Data	
Picanto(TA)	2016	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Picanto(TA)	2016	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Picanto(TA)	2016	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Picanto(TA)	2016	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Picanto(TA)	2016	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Picanto(TA)	2016	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Picanto(TA)	2016	General Area	Smart Key Unit	Version	
Picanto(TA)	2016	General Area	Smart Key Unit	Read Fault Code	
Picanto(TA)	2016	General Area	Smart Key Unit	Clear Fault	
Picanto(TA)	2016	General Area	Smart Key Unit	Read Data	
Picanto(TA)	2016	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Picanto(TA)	2016	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Picanto(TA)	2016	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Picanto(TA)	2016	General Area	Smart Key Unit	Actuation Test	ACC Relay
Picanto(TA)	2016	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Picanto(TA)	2016	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Picanto(TA)	2016	General Area	Smart Key Unit	Actuation Test	START Relay
Picanto(TA)	2016	General Area	Smart Key Unit	Actuation Test	External Buzzer
Picanto(TA)	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator

model	year	area	system	function	subfunction
Picanto(TA)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Picanto(TA)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Picanto(TA)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Picanto(TA)	2016	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Picanto(TA)	2016	General Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna
Picanto(TA)	2016	General Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
Picanto(TA)	2016	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Picanto(TA)	2016	General Area	Smart Key Unit	Special Function	Neutralization Mode
Picanto(TA)	2016	General Area	Smart Key Unit	Special Function	SMK Status Information
Picanto(TA)	2016	General Area	Smart Key Unit	Special Function	ESCL Status Information
Picanto(TA)	2016	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Picanto(TA)	2016	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Picanto(TA)	2016	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Picanto(TA)	2016	General Area	Smart Key Unit	Special Function	Antenna Status Check
Picanto(TA)	2016	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Picanto(TA)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Picanto(TA)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Picanto(TA)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Picanto(TA)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Picanto(TA)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Picanto(TA)	2016	General Area	TCM(Transmission Control Module)	Version Information	

model	year	area	system	function	subfunction
Picanto(TA)	2016	General Area	TCM(Transmission Control Module)	Read Fault Code	
Picanto(TA)	2016	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Picanto(TA)	2016	General Area	TCM(Transmission Control Module)	Read Data Stream	
Picanto(TA)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
Picanto(TA)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
Picanto(TA)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE
Picanto(TA)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
Picanto(TA)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
Picanto(TA)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Picanto(TA)	2016	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Picanto(TA)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Picanto(TA)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Picanto(TA)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Picanto(TA)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Picanto(TA)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Picanto(TA)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Picanto(TA)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Picanto(TA)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Picanto(TA)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading

model	year	area	system	function	subfunction
Picanto(TA)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Version Information	
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Brake Lamp Control
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IFL Control
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	OFL Control
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IFR Control
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IRL Control

model	year	area	system	function	subfunction
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ORL Control
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IRR Control
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ORR Control
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FR Valve Control
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FL Valve Control
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-R Control
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-L Control
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	In-Line Bleeding
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Repair Bleeding-FL/RR Circuit
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Repair Bleeding-FR/RL Circuit
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	HAC Brake Lamp Actuator
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Lamp
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Picanto(TA)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Version	
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Read Fault Code	
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Clear Fault	
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Read Data	
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%

model	year	area	system	function	subfunction
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%

model	year	area	system	function	subfunction
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Picanto(TA)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Picanto(TA)	2015	General Area	BCM(Body Control Module)	Version Information	
Picanto(TA)	2015	General Area	BCM(Body Control Module)	Read Fault Code	
Picanto(TA)	2015	General Area	BCM(Body Control Module)	Clear Fault Memory	
Picanto(TA)	2015	General Area	BCM(Body Control Module)	Read Data Stream	
Picanto(TA)	2015	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Output
Picanto(TA)	2015	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Output

model	year	area	system	function	subfunction
Picanto(TA)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Output
Picanto(TA)	2015	General Area	BCM(Body Control Module)	Actuation Test	Start inhibit Output
Picanto(TA)	2015	General Area	BCM(Body Control Module)	Actuation Test	Power Window Output
Picanto(TA)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Picanto(TA)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Output
Picanto(TA)	2015	General Area	BCM(Body Control Module)	Actuation Test	Hazard Output(+RK)
Picanto(TA)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Output
Picanto(TA)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Output
Picanto(TA)	2015	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Output
Picanto(TA)	2015	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Picanto(TA)	2015	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp Output
Picanto(TA)	2015	General Area	BCM(Body Control Module)	Actuation Test	DRL Europe Output(Dedicated Lamp)
Picanto(TA)	2015	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Picanto(TA)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Picanto(TA)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Picanto(TA)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt
Picanto(TA)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt
Picanto(TA)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt
Picanto(TA)	2015	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Picanto(TA)	2015	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Picanto(TA)	2015	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Picanto(TA)	2015	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving

model	year	area	system	function	subfunction
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Version Information	
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Read Fault Code	
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Read Data Stream	
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low

model	year	area	system	function	subfunction
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters

model	year	area	system	function	subfunction
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3

model	year	area	system	function	subfunction
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Picanto(TA)	2015	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Picanto(TA)	2015	General Area	IMMO(Immobilizer)	Read Fault Code	
Picanto(TA)	2015	General Area	IMMO(Immobilizer)	Clear Fault	
Picanto(TA)	2015	General Area	IMMO(Immobilizer)	Read Data	
Picanto(TA)	2015	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Picanto(TA)	2015	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Picanto(TA)	2015	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Picanto(TA)	2015	General Area	IMMO(Immobilizer)	Special Function	Teaching
Picanto(TA)	2015	General Area	Smart Key Unit	Version	
Picanto(TA)	2015	General Area	Smart Key Unit	Read Fault Code	
Picanto(TA)	2015	General Area	Smart Key Unit	Clear Fault	
Picanto(TA)	2015	General Area	Smart Key Unit	Read Data	
Picanto(TA)	2015	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Picanto(TA)	2015	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Picanto(TA)	2015	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Picanto(TA)	2015	General Area	Smart Key Unit	Actuation Test	ACC Relay
Picanto(TA)	2015	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Picanto(TA)	2015	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Picanto(TA)	2015	General Area	Smart Key Unit	Actuation Test	START Relay
Picanto(TA)	2015	General Area	Smart Key Unit	Actuation Test	External Buzzer
Picanto(TA)	2015	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Picanto(TA)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Picanto(TA)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna

model	year	area	system	function	subfunction
Picanto(TA)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Picanto(TA)	2015	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Picanto(TA)	2015	General Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna
Picanto(TA)	2015	General Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
Picanto(TA)	2015	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Picanto(TA)	2015	General Area	Smart Key Unit	Special Function	Neutralization Mode
Picanto(TA)	2015	General Area	Smart Key Unit	Special Function	SMK Status Information
Picanto(TA)	2015	General Area	Smart Key Unit	Special Function	ESCL Status Information
Picanto(TA)	2015	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Picanto(TA)	2015	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Picanto(TA)	2015	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Picanto(TA)	2015	General Area	Smart Key Unit	Special Function	Antenna Status Check
Picanto(TA)	2015	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Picanto(TA)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Picanto(TA)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Picanto(TA)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Picanto(TA)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Picanto(TA)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Picanto(TA)	2015	General Area	Steering	Version	
Picanto(TA)	2015	General Area	Steering	Read Fault Code	
Picanto(TA)	2015	General Area	Steering	Clear Fault	
Picanto(TA)	2015	General Area	Steering	Read Data	

model	year	area	system	function	subfunction
Picanto(TA)	2015	General Area	Steering	Special Function	EPS Type Recognition
Picanto(TA)	2015	General Area	Steering	Special Function	ASP Calibration
Picanto(TA)	2015	General Area	TCM(Transmission Control Module)	Version Information	
Picanto(TA)	2015	General Area	TCM(Transmission Control Module)	Read Fault Code	
Picanto(TA)	2015	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Picanto(TA)	2015	General Area	TCM(Transmission Control Module)	Read Data Stream	
Picanto(TA)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
Picanto(TA)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
Picanto(TA)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE
Picanto(TA)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
Picanto(TA)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
Picanto(TA)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Picanto(TA)	2015	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Picanto(TA)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Picanto(TA)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Picanto(TA)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Picanto(TA)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Picanto(TA)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Picanto(TA)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Picanto(TA)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN

model	year	area	system	function	subfunction
Picanto(TA)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Picanto(TA)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Picanto(TA)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Version Information	
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Brake Lamp Control
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IFL Control
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	OFL Control

model	year	area	system	function	subfunction
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IFR Control
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IRL Control
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ORL Control
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IRR Control
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ORR Control
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FR Valve Control
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FL Valve Control
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-R Control
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-L Control
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	In-Line Bleeding
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Repair Bleeding-FL/RR Circuit
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Repair Bleeding-FR/RL Circuit
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	HAC Brake Lamp Actuator
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Lamp
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Picanto(TA)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Version	
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Read Fault Code	
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Clear Fault	
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Read Data	
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High

model	year	area	system	function	subfunction
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%

model	year	area	system	function	subfunction
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Picanto(TA)	2014	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Picanto(TA)	2014	General Area	BCM(Body Control Module)	Version Information	
Picanto(TA)	2014	General Area	BCM(Body Control Module)	Read Fault Code	
Picanto(TA)	2014	General Area	BCM(Body Control Module)	Clear Fault Memory	
Picanto(TA)	2014	General Area	BCM(Body Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Picanto(TA)	2014	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Output
Picanto(TA)	2014	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Output
Picanto(TA)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Output
Picanto(TA)	2014	General Area	BCM(Body Control Module)	Actuation Test	Start inhibit Output
Picanto(TA)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Window Output
Picanto(TA)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Picanto(TA)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Output
Picanto(TA)	2014	General Area	BCM(Body Control Module)	Actuation Test	Hazard Output(+RK)
Picanto(TA)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Output
Picanto(TA)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Output
Picanto(TA)	2014	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Output
Picanto(TA)	2014	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Picanto(TA)	2014	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp Output
Picanto(TA)	2014	General Area	BCM(Body Control Module)	Actuation Test	DRL Europe Output(Dedicated Lamp)
Picanto(TA)	2014	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Picanto(TA)	2014	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Picanto(TA)	2014	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Picanto(TA)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt
Picanto(TA)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt
Picanto(TA)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt
Picanto(TA)	2014	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Picanto(TA)	2014	General Area	BCM(Body Control Module)	Actuation Test	AV Tail

model	year	area	system	function	subfunction
Picanto(TA)	2014	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Picanto(TA)	2014	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Version Information	
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Read Fault Code	
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Read Data Stream	
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG

model	year	area	system	function	subfunction
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters

model	year	area	system	function	subfunction
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2

model	year	area	system	function	subfunction
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Picanto(TA)	2014	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Picanto(TA)	2014	General Area	IMMO(Immobilizer)	Read Fault Code	
Picanto(TA)	2014	General Area	IMMO(Immobilizer)	Clear Fault	
Picanto(TA)	2014	General Area	IMMO(Immobilizer)	Read Data	
Picanto(TA)	2014	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Picanto(TA)	2014	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Picanto(TA)	2014	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Picanto(TA)	2014	General Area	IMMO(Immobilizer)	Special Function	Teaching
Picanto(TA)	2014	General Area	Smart Key Unit	Version	
Picanto(TA)	2014	General Area	Smart Key Unit	Read Fault Code	
Picanto(TA)	2014	General Area	Smart Key Unit	Clear Fault	
Picanto(TA)	2014	General Area	Smart Key Unit	Read Data	
Picanto(TA)	2014	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Picanto(TA)	2014	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Picanto(TA)	2014	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Picanto(TA)	2014	General Area	Smart Key Unit	Actuation Test	ACC Relay
Picanto(TA)	2014	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Picanto(TA)	2014	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Picanto(TA)	2014	General Area	Smart Key Unit	Actuation Test	START Relay
Picanto(TA)	2014	General Area	Smart Key Unit	Actuation Test	External Buzzer
Picanto(TA)	2014	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator

model	year	area	system	function	subfunction
Picanto(TA)	2014	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Picanto(TA)	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Picanto(TA)	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Picanto(TA)	2014	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Picanto(TA)	2014	General Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna
Picanto(TA)	2014	General Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
Picanto(TA)	2014	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Picanto(TA)	2014	General Area	Smart Key Unit	Special Function	Neutralization Mode
Picanto(TA)	2014	General Area	Smart Key Unit	Special Function	SMK Status Information
Picanto(TA)	2014	General Area	Smart Key Unit	Special Function	ESCL Status Information
Picanto(TA)	2014	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Picanto(TA)	2014	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Picanto(TA)	2014	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Picanto(TA)	2014	General Area	Smart Key Unit	Special Function	Antenna Status Check
Picanto(TA)	2014	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Picanto(TA)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Picanto(TA)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Picanto(TA)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Picanto(TA)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Picanto(TA)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Picanto(TA)	2014	General Area	Steering	Version	
Picanto(TA)	2014	General Area	Steering	Read Fault Code	

model	year	area	system	function	subfunction
Picanto(TA)	2014	General Area	Steering	Clear Fault	
Picanto(TA)	2014	General Area	Steering	Read Data	
Picanto(TA)	2014	General Area	Steering	Special Function	ASP Calibration
Picanto(TA)	2014	General Area	Steering	Special Function	EPS Type Recognition
Picanto(TA)	2014	General Area	TCM(Transmission Control Module)	Version Information	
Picanto(TA)	2014	General Area	TCM(Transmission Control Module)	Read Fault Code	
Picanto(TA)	2014	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Picanto(TA)	2014	General Area	TCM(Transmission Control Module)	Read Data Stream	
Picanto(TA)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
Picanto(TA)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
Picanto(TA)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE
Picanto(TA)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
Picanto(TA)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
Picanto(TA)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Picanto(TA)	2014	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Version Information	
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Brake Lamp Control
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor

model	year	area	system	function	subfunction
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IFL Control
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	OFL Control
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IFR Control
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IRL Control
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ORL Control
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IRR Control
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ORR Control
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FR Valve Control
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FL Valve Control
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-R Control
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-L Control

model	year	area	system	function	subfunction
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	In-Line Bleeding
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Repair Bleeding-FL/RR Circuit
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Repair Bleeding-FR/RL Circuit
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	HAC Brake Lamp Actuator
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Lamp
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Picanto(TA)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Version	
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Read Fault Code	
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Clear Fault	
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Read Data	
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost

model	year	area	system	function	subfunction
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%

model	year	area	system	function	subfunction
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Picanto(TA)	2013	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Picanto(TA)	2013	General Area	BCM(Body Control Module)	Version Information	
Picanto(TA)	2013	General Area	BCM(Body Control Module)	Read Fault Code	
Picanto(TA)	2013	General Area	BCM(Body Control Module)	Clear Fault Memory	
Picanto(TA)	2013	General Area	BCM(Body Control Module)	Read Data Stream	
Picanto(TA)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Output
Picanto(TA)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Output
Picanto(TA)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Output
Picanto(TA)	2013	General Area	BCM(Body Control Module)	Actuation Test	Start inhibit Output
Picanto(TA)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Window Output
Picanto(TA)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Picanto(TA)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Output
Picanto(TA)	2013	General Area	BCM(Body Control Module)	Actuation Test	Hazard Output(+RK)
Picanto(TA)	2013	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Output

model	year	area	system	function	subfunction
Picanto(TA)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Output
Picanto(TA)	2013	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Output
Picanto(TA)	2013	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Picanto(TA)	2013	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp Output
Picanto(TA)	2013	General Area	BCM(Body Control Module)	Actuation Test	DRL Europe Output(Dedicated Lamp)
Picanto(TA)	2013	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Picanto(TA)	2013	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Picanto(TA)	2013	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Picanto(TA)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt
Picanto(TA)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt
Picanto(TA)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt
Picanto(TA)	2013	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Picanto(TA)	2013	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Picanto(TA)	2013	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Picanto(TA)	2013	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Version Information	
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Read Fault Code	
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Read Data Stream	
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main

model	year	area	system	function	subfunction
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop

model	year	area	system	function	subfunction
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4

model	year	area	system	function	subfunction
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1

model	year	area	system	function	subfunction
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Special Function	Write VIN

model	year	area	system	function	subfunction
Picanto(TA)	2013	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Picanto(TA)	2013	General Area	IMMO(Immobilizer)	Read Fault Code	
Picanto(TA)	2013	General Area	IMMO(Immobilizer)	Clear Fault	
Picanto(TA)	2013	General Area	IMMO(Immobilizer)	Read Data	
Picanto(TA)	2013	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Picanto(TA)	2013	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Picanto(TA)	2013	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Picanto(TA)	2013	General Area	IMMO(Immobilizer)	Special Function	Teaching
Picanto(TA)	2013	General Area	Smart Key Unit	Version	
Picanto(TA)	2013	General Area	Smart Key Unit	Read Fault Code	
Picanto(TA)	2013	General Area	Smart Key Unit	Clear Fault	
Picanto(TA)	2013	General Area	Smart Key Unit	Read Data	
Picanto(TA)	2013	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Picanto(TA)	2013	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Picanto(TA)	2013	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Picanto(TA)	2013	General Area	Smart Key Unit	Actuation Test	ACC Relay
Picanto(TA)	2013	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Picanto(TA)	2013	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Picanto(TA)	2013	General Area	Smart Key Unit	Actuation Test	START Relay
Picanto(TA)	2013	General Area	Smart Key Unit	Actuation Test	External Buzzer
Picanto(TA)	2013	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Picanto(TA)	2013	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Picanto(TA)	2013	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Picanto(TA)	2013	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Picanto(TA)	2013	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Picanto(TA)	2013	General Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna
Picanto(TA)	2013	General Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
Picanto(TA)	2013	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Picanto(TA)	2013	General Area	Smart Key Unit	Special Function	Neutralization Mode
Picanto(TA)	2013	General Area	Smart Key Unit	Special Function	SMK Status Information
Picanto(TA)	2013	General Area	Smart Key Unit	Special Function	ESCL Status Information

model	year	area	system	function	subfunction
Picanto(TA)	2013	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Picanto(TA)	2013	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Picanto(TA)	2013	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Picanto(TA)	2013	General Area	Smart Key Unit	Special Function	Antenna Status Check
Picanto(TA)	2013	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Picanto(TA)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Picanto(TA)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Picanto(TA)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Picanto(TA)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Picanto(TA)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Picanto(TA)	2013	General Area	Steering	Version	
Picanto(TA)	2013	General Area	Steering	Read Fault Code	
Picanto(TA)	2013	General Area	Steering	Clear Fault	
Picanto(TA)	2013	General Area	Steering	Read Data	
Picanto(TA)	2013	General Area	Steering	Special Function	ASP Calibration
Picanto(TA)	2013	General Area	Steering	Special Function	EPS Type Recognition
Picanto(TA)	2013	General Area	TCM(Transmission Control Module)	Version Information	
Picanto(TA)	2013	General Area	TCM(Transmission Control Module)	Read Fault Code	
Picanto(TA)	2013	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Picanto(TA)	2013	General Area	TCM(Transmission Control Module)	Read Data Stream	
Picanto(TA)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)

model	year	area	system	function	subfunction
Picanto(TA)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
Picanto(TA)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE
Picanto(TA)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
Picanto(TA)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
Picanto(TA)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Picanto(TA)	2013	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Version Information	
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Brake Lamp Control
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear

model	year	area	system	function	subfunction
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IFL Control
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	OFL Control
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IFR Control
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IRL Control
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ORL Control
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	IRR Control
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ORR Control
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FR Valve Control
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FL Valve Control
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-R Control
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-L Control
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	In-Line Bleeding
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Repair Bleeding-FL/RR Circuit
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Repair Bleeding-FR/RL Circuit
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	HAC Brake Lamp Actuator
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Lamp
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Picanto(TA)	2012	General Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Version	
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Read Fault Code	

model	year	area	system	function	subfunction
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Clear Fault	
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Read Data	
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode

model	year	area	system	function	subfunction
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)

model	year	area	system	function	subfunction
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Picanto(TA)	2012	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Picanto(TA)	2012	General Area	BCM(Body Control Module)	Version Information	
Picanto(TA)	2012	General Area	BCM(Body Control Module)	Read Fault Code	
Picanto(TA)	2012	General Area	BCM(Body Control Module)	Clear Fault Memory	
Picanto(TA)	2012	General Area	BCM(Body Control Module)	Read Data Stream	
Picanto(TA)	2012	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Output
Picanto(TA)	2012	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Output
Picanto(TA)	2012	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Output
Picanto(TA)	2012	General Area	BCM(Body Control Module)	Actuation Test	Start inhibit Output
Picanto(TA)	2012	General Area	BCM(Body Control Module)	Actuation Test	Power Window Output
Picanto(TA)	2012	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Picanto(TA)	2012	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Output
Picanto(TA)	2012	General Area	BCM(Body Control Module)	Actuation Test	Hazard Output(+RK)
Picanto(TA)	2012	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Output
Picanto(TA)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Output
Picanto(TA)	2012	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Output
Picanto(TA)	2012	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Picanto(TA)	2012	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp Output
Picanto(TA)	2012	General Area	BCM(Body Control Module)	Actuation Test	DRL Europe Output(Dedicated Lamp)
Picanto(TA)	2012	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Picanto(TA)	2012	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator

model	year	area	system	function	subfunction
Picanto(TA)	2012	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Picanto(TA)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt
Picanto(TA)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt
Picanto(TA)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt
Picanto(TA)	2012	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Picanto(TA)	2012	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Picanto(TA)	2012	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Picanto(TA)	2012	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Version Information	
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Read Fault Code	
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Read Data Stream	
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)

model	year	area	system	function	subfunction
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1

model	year	area	system	function	subfunction
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2

model	year	area	system	function	subfunction
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2

model	year	area	system	function	subfunction
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Picanto(TA)	2012	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Picanto(TA)	2012	General Area	IMMO(Immobilizer)	Read Fault Code	
Picanto(TA)	2012	General Area	IMMO(Immobilizer)	Clear Fault	
Picanto(TA)	2012	General Area	IMMO(Immobilizer)	Read Data	
Picanto(TA)	2012	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Picanto(TA)	2012	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Picanto(TA)	2012	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Picanto(TA)	2012	General Area	IMMO(Immobilizer)	Special Function	Teaching
Picanto(TA)	2012	General Area	Smart Key Unit	Version	
Picanto(TA)	2012	General Area	Smart Key Unit	Read Fault Code	
Picanto(TA)	2012	General Area	Smart Key Unit	Clear Fault	
Picanto(TA)	2012	General Area	Smart Key Unit	Read Data	
Picanto(TA)	2012	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Picanto(TA)	2012	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Picanto(TA)	2012	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Picanto(TA)	2012	General Area	Smart Key Unit	Actuation Test	ACC Relay

model	year	area	system	function	subfunction
Picanto(TA)	2012	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Picanto(TA)	2012	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Picanto(TA)	2012	General Area	Smart Key Unit	Actuation Test	START Relay
Picanto(TA)	2012	General Area	Smart Key Unit	Actuation Test	External Buzzer
Picanto(TA)	2012	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Picanto(TA)	2012	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Picanto(TA)	2012	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Picanto(TA)	2012	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Picanto(TA)	2012	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Picanto(TA)	2012	General Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna
Picanto(TA)	2012	General Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
Picanto(TA)	2012	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Picanto(TA)	2012	General Area	Smart Key Unit	Special Function	Neutralization Mode
Picanto(TA)	2012	General Area	Smart Key Unit	Special Function	SMK Status Information
Picanto(TA)	2012	General Area	Smart Key Unit	Special Function	ESCL Status Information
Picanto(TA)	2012	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Picanto(TA)	2012	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Picanto(TA)	2012	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Picanto(TA)	2012	General Area	Smart Key Unit	Special Function	Antenna Status Check
Picanto(TA)	2012	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Picanto(TA)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Picanto(TA)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Picanto(TA)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Picanto(TA)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Picanto(TA)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Picanto(TA)	2012	General Area	Steering	Version	
Picanto(TA)	2012	General Area	Steering	Read Fault Code	
Picanto(TA)	2012	General Area	Steering	Clear Fault	
Picanto(TA)	2012	General Area	Steering	Read Data	
Picanto(TA)	2012	General Area	Steering	Special Function	ASP Calibration
Picanto(TA)	2012	General Area	Steering	Special Function	EPS Type Recognition
Picanto(TA)	2012	General Area	TCM(Transmission Control Module)	Version Information	
Picanto(TA)	2012	General Area	TCM(Transmission Control Module)	Read Fault Code	
Picanto(TA)	2012	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Picanto(TA)	2012	General Area	TCM(Transmission Control Module)	Read Data Stream	
Picanto(TA)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
Picanto(TA)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
Picanto(TA)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE
Picanto(TA)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
Picanto(TA)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
Picanto(TA)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Picanto(TA)	2012	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Potentia	2001	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Potentia	2001	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Potentia	2001	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Potentia	2001	General Area	ECM(Engine Control Module)	Read Fault Code	
Potentia	2001	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Potentia	2001	General Area	ECM(Engine Control Module)	Read Data Stream	
Potentia	2001	General Area	TCM(Transmission Control Module)	Read Fault Code	
Potentia	2001	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Potentia	2000	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Potentia	2000	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Potentia	2000	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Potentia	2000	General Area	ECM(Engine Control Module)	Read Fault Code	
Potentia	2000	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Potentia	2000	General Area	ECM(Engine Control Module)	Read Data Stream	
Potentia	2000	General Area	TCM(Transmission Control Module)	Read Fault Code	
Potentia	2000	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Potentia	1999	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Potentia	1999	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Potentia	1999	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Potentia	1999	General Area	ECM(Engine Control Module)	Read Fault Code	
Potentia	1999	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Potentia	1999	General Area	ECM(Engine Control Module)	Read Data Stream	
Potentia	1999	General Area	TCM(Transmission Control Module)	Read Fault Code	
Potentia	1999	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Potentia	1998	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	

model	year	area	system	function	subfunction
Potentia	1998	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Potentia	1998	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Potentia	1998	General Area	ECM(Engine Control Module)	Read Fault Code	
Potentia	1998	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Potentia	1998	General Area	ECM(Engine Control Module)	Read Data Stream	
Potentia	1998	General Area	TCM(Transmission Control Module)	Read Fault Code	
Potentia	1998	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Potentia	1997	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Potentia	1997	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Potentia	1997	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Potentia	1997	General Area	ECM(Engine Control Module)	Read Fault Code	
Potentia	1997	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Potentia	1997	General Area	ECM(Engine Control Module)	Read Data Stream	
Potentia	1997	General Area	TCM(Transmission Control Module)	Read Fault Code	
Potentia	1997	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Potentia	1996	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Potentia	1996	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Potentia	1996	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Potentia	1996	General Area	ECM(Engine Control Module)	Read Fault Code	
Potentia	1996	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Potentia	1996	General Area	ECM(Engine Control Module)	Read Data Stream	
Potentia	1996	General Area	TCM(Transmission Control Module)	Read Fault Code	
Potentia	1996	General Area	TCM(Transmission Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Potentia	1995	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Potentia	1995	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Potentia	1995	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Potentia	1995	General Area	ECM(Engine Control Module)	Read Fault Code	
Potentia	1995	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Potentia	1995	General Area	ECM(Engine Control Module)	Read Data Stream	
Potentia	1995	General Area	TCM(Transmission Control Module)	Read Fault Code	
Potentia	1995	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Potentia	1994	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Potentia	1994	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Potentia	1994	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Potentia	1994	General Area	ECM(Engine Control Module)	Read Fault Code	
Potentia	1994	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Potentia	1994	General Area	ECM(Engine Control Module)	Read Data Stream	
Potentia	1994	General Area	TCM(Transmission Control Module)	Read Fault Code	
Potentia	1994	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Potentia	1993	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Potentia	1993	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Potentia	1993	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Potentia	1993	General Area	ECM(Engine Control Module)	Read Fault Code	
Potentia	1993	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Potentia	1993	General Area	ECM(Engine Control Module)	Read Data Stream	
Potentia	1993	General Area	TCM(Transmission Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Potentia	1993	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Potentia	1992	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Potentia	1992	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Potentia	1992	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Potentia	1992	General Area	ECM(Engine Control Module)	Read Fault Code	
Potentia	1992	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Potentia	1992	General Area	ECM(Engine Control Module)	Read Data Stream	
Potentia	1992	General Area	TCM(Transmission Control Module)	Read Fault Code	
Potentia	1992	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Pregio(FP)	2006	General Area	ECM(Engine Control Module)	Read Fault Code	
Pregio(FP)	2006	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Pregio(FP)	2006	General Area	ECM(Engine Control Module)	Read Data Stream	
Pregio(FP)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Governor
Pregio(FP)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Timer Control Valve
Pregio(FP)	2006	General Area	IMMO(Immobilizer)	Read Data	
Pregio(FP)	2006	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Pregio(FP)	2006	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Pregio(FP)	2006	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Pregio(FP)	2006	General Area	IMMO(Immobilizer)	Special Function	Teaching
Pregio(FP)	2005	General Area	ECM(Engine Control Module)	Read Fault Code	
Pregio(FP)	2005	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Pregio(FP)	2005	General Area	ECM(Engine Control Module)	Read Data Stream	
Pregio(FP)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Governor
Pregio(FP)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Timer Control Valve
Pregio(FP)	2004	General Area	ECM(Engine Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Pregio(FP)	2004	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Pregio(FP)	2004	General Area	ECM(Engine Control Module)	Read Data Stream	
Pregio(FP)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Governor
Pregio(FP)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Timer Control Valve
Pregio(FP)	2003	General Area	ECM(Engine Control Module)	Read Fault Code	
Pregio(FP)	2003	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Pregio(FP)	2003	General Area	ECM(Engine Control Module)	Read Data Stream	
Pregio(FP)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Governor
Pregio(FP)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Timer Control Valve
Pregio(FP)	2002	General Area	ECM(Engine Control Module)	Read Fault Code	
Pregio(FP)	2002	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Pregio(FP)	2002	General Area	ECM(Engine Control Module)	Read Data Stream	
Pregio(FP)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Governor
Pregio(FP)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Timer Control Valve
Pregio(FP)	2001	General Area	ECM(Engine Control Module)	Read Fault Code	
Pregio(FP)	2001	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Pregio(FP)	2001	General Area	ECM(Engine Control Module)	Read Data Stream	
Pregio(FP)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Governor
Pregio(FP)	2001	General Area	ECM(Engine Control Module)	Actuation Test	Timer Control Valve
Pregio(FP)	2000	General Area	ECM(Engine Control Module)	Read Fault Code	
Pregio(FP)	2000	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Pregio(FP)	2000	General Area	ECM(Engine Control Module)	Read Data Stream	
Pregio(FP)	2000	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Governor

model	year	area	system	function	subfunction
Pregio(FP)	2000	General Area	ECM(Engine Control Module)	Actuation Test	Timer Control Valve
Pregio(FP)	1999	General Area	ECM(Engine Control Module)	Read Fault Code	
Pregio(FP)	1999	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Pregio(FP)	1999	General Area	ECM(Engine Control Module)	Read Data Stream	
Pregio(FP)	1999	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Governor
Pregio(FP)	1999	General Area	ECM(Engine Control Module)	Actuation Test	Timer Control Valve
Pregio(FP)	1998	General Area	ECM(Engine Control Module)	Read Fault Code	
Pregio(FP)	1998	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Pregio(FP)	1998	General Area	ECM(Engine Control Module)	Read Data Stream	
Pregio(FP)	1998	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Governor
Pregio(FP)	1998	General Area	ECM(Engine Control Module)	Actuation Test	Timer Control Valve
Pregio(FP)	1997	General Area	ECM(Engine Control Module)	Read Fault Code	
Pregio(FP)	1997	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Pregio(FP)	1997	General Area	ECM(Engine Control Module)	Read Data Stream	
Pregio(FP)	1997	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Governor
Pregio(FP)	1997	General Area	ECM(Engine Control Module)	Actuation Test	Timer Control Valve
Pride(PRD)	2004	General Area	ECM(Engine Control Module)	Read Fault Code	
Pride(PRD)	2004	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Pride(PRD)	2004	General Area	ECM(Engine Control Module)	Read Data Stream	
Pride(PRD)	2004	General Area	TCM(Transmission Control Module)	Read Fault Code	
Pride(PRD)	2004	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Pride(PRD)	2004	General Area	TCM(Transmission Control Module)	Read Data Stream	
Pride(PRD)	2003	General Area	ECM(Engine Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Pride(PRD)	2003	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Pride(PRD)	2003	General Area	ECM(Engine Control Module)	Read Data Stream	
Pride(PRD)	2003	General Area	TCM(Transmission Control Module)	Read Fault Code	
Pride(PRD)	2003	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Pride(PRD)	2003	General Area	TCM(Transmission Control Module)	Read Data Stream	
Pride(PRD)	2002	General Area	ECM(Engine Control Module)	Read Fault Code	
Pride(PRD)	2002	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Pride(PRD)	2002	General Area	ECM(Engine Control Module)	Read Data Stream	
Pride(PRD)	2002	General Area	TCM(Transmission Control Module)	Read Fault Code	
Pride(PRD)	2002	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Pride(PRD)	2002	General Area	TCM(Transmission Control Module)	Read Data Stream	
Pride(PRD)	2001	General Area	ECM(Engine Control Module)	Read Fault Code	
Pride(PRD)	2001	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Pride(PRD)	2001	General Area	ECM(Engine Control Module)	Read Data Stream	
Pride(PRD)	2000	General Area	ECM(Engine Control Module)	Read Fault Code	
Pride(PRD)	2000	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Pride(PRD)	2000	General Area	ECM(Engine Control Module)	Read Data Stream	
Pride(PRD)	1999	General Area	ECM(Engine Control Module)	Read Fault Code	
Pride(PRD)	1999	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Pride(PRD)	1999	General Area	ECM(Engine Control Module)	Read Data Stream	
Pride(PRD)	1998	General Area	ECM(Engine Control Module)	Read Fault Code	
Pride(PRD)	1998	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Pride(PRD)	1998	General Area	ECM(Engine Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Pride(PRD)	1997	General Area	ECM(Engine Control Module)	Read Fault Code	
Pride(PRD)	1997	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Pride(PRD)	1997	General Area	ECM(Engine Control Module)	Read Data Stream	
Pride(PRD)	1996	General Area	ECM(Engine Control Module)	Read Fault Code	
Pride(PRD)	1996	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Pride(PRD)	1996	General Area	ECM(Engine Control Module)	Read Data Stream	
Pride(PRD)	1995	General Area	ECM(Engine Control Module)	Read Fault Code	
Pride(PRD)	1995	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Pride(PRD)	1995	General Area	ECM(Engine Control Module)	Read Data Stream	
Pride(PRD)	1994	General Area	ECM(Engine Control Module)	Read Fault Code	
Pride(PRD)	1994	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Pride(PRD)	1994	General Area	ECM(Engine Control Module)	Read Data Stream	
Pride(PRD)	1993	General Area	ECM(Engine Control Module)	Read Fault Code	
Pride(PRD)	1993	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Pride(PRD)	1993	General Area	ECM(Engine Control Module)	Read Data Stream	
Pride(PRD)	1992	General Area	ECM(Engine Control Module)	Read Fault Code	
Pride(PRD)	1992	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Pride(PRD)	1992	General Area	ECM(Engine Control Module)	Read Data Stream	
Pride(PRD)	1991	General Area	ECM(Engine Control Module)	Read Fault Code	
Pride(PRD)	1991	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Pride(PRD)	1991	General Area	ECM(Engine Control Module)	Read Data Stream	
Pride(PRD)	1990	General Area	ECM(Engine Control Module)	Read Fault Code	
Pride(PRD)	1990	General Area	ECM(Engine Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Pride(PRD)	1990	General Area	ECM(Engine Control Module)	Read Data Stream	
Quoris(KH)	2016	General Area	ABS(Anti-Lock Brake System)	Version Information	
Quoris(KH)	2016	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Quoris(KH)	2016	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Quoris(KH)	2016	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Quoris(KH)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Quoris(KH)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Quoris(KH)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Warning Lamp
Quoris(KH)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Status Lamp
Quoris(KH)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Quoris(KH)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Quoris(KH)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Quoris(KH)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Quoris(KH)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Quoris(KH)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Quoris(KH)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Quoris(KH)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Quoris(KH)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Quoris(KH)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Quoris(KH)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Quoris(KH)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
Quoris(KH)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
Quoris(KH)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front

model	year	area	system	function	subfunction
Quoris(KH)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Quoris(KH)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Version	
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Read Fault Code	
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Clear Fault	
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Read Data	
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Vent
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Floor
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defog
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh

model	year	area	system	function	subfunction
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-VENT-0%
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-TEMP-50%
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Quoris(KH)	2016	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Quoris(KH)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Quoris(KH)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Quoris(KH)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Quoris(KH)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Quoris(KH)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Quoris(KH)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Middle(Center)Position
Quoris(KH)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position

model	year	area	system	function	subfunction
Quoris(KH)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	DBL(Dynamic Bending Light)Max(RH)Position
Quoris(KH)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	DBL(Dynamic Bending Light)Middle Position-Center
Quoris(KH)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	DBL(Dynamic Bending Light)Max(LH)Position
Quoris(KH)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class C
Quoris(KH)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class V
Quoris(KH)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class E
Quoris(KH)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class E1
Quoris(KH)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class E2
Quoris(KH)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class HIGH
Quoris(KH)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class W
Quoris(KH)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test LED OFF
Quoris(KH)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SBL Function Test SBL LH ON
Quoris(KH)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SBL Function Test SBL RH ON
Quoris(KH)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SBL function Test SBL ON(ALL)
Quoris(KH)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	AFLS AIM'G Mode
Quoris(KH)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL failsafe position
Quoris(KH)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL reference run
Quoris(KH)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Download
Quoris(KH)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Calibration
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Version Information	

model	year	area	system	function	subfunction
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Read Fault Code	
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Clear Fault Memory	
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Read Data Stream	
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output

model	year	area	system	function	subfunction
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid

model	year	area	system	function	subfunction
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output

model	year	area	system	function	subfunction
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay

model	year	area	system	function	subfunction
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window Up
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Highest Position
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Lowest Position
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Left Position
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Right Position
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Fold
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Unfold
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Puddle Lamp
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Lock
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Unlock
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Repeater
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	BSD Indicator
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Courtesy Lamp
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Heater Control

model	year	area	system	function	subfunction
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Auto Up
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Auto
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Up
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Down
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat to the Foremost Position(Slide)
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat to the Last
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(Headrest
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(Headrest
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window Up
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window

model	year	area	system	function	subfunction
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Highest Position
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Lowest Position
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Left Position
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Right Position
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Fold
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Unfold
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Drive Side Puddle Lamp
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Lock
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Side Repeater
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Courtesy Lamp
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Heater Control
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Window Auto Up
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Auto
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Up
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Down
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Body Load Power Output
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp Output

model	year	area	system	function	subfunction
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	ESS Relay
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Foremost Position(Cushion Extension)
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Last Position(Cushion Extension)
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Trunk Room Lamp Output
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Heated Relay
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Steering Column To The Highest Position(Tilt)
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Steering Column To The Lowest Position(Tilt)
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Steering Column At The Shortest Position(Tele)
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Steering Column At The Longest Position(Tele)
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Special Function	CLU Variant Coding
Quoris(KH)	2016	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting
Quoris(KH)	2016	General Area	CCS(Cruise Control System)	Version Information	

model	year	area	system	function	subfunction
Quoris(KH)	2016	General Area	CCS(Cruise Control System)	Read Fault Code	
Quoris(KH)	2016	General Area	CCS(Cruise Control System)	Clear Fault Memory	
Quoris(KH)	2016	General Area	CCS(Cruise Control System)	Read Data Stream	
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Version Information	
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Read Fault Code	
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Read Data Stream	
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump

model	year	area	system	function	subfunction
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters

model	year	area	system	function	subfunction
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)

model	year	area	system	function	subfunction
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-High
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-Low
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	TEC Learn
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1

model	year	area	system	function	subfunction
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VCM Type VIS 2
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 1
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 2
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 3
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 4
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 5
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 6
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI High Pressure Offset
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Quoris(KH)	2016	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Quoris(KH)	2016	General Area	ECS(Electronic Control Suspension)	Version Information	
Quoris(KH)	2016	General Area	ECS(Electronic Control Suspension)	Read Fault Code	
Quoris(KH)	2016	General Area	ECS(Electronic Control Suspension)	Clear Fault Memory	
Quoris(KH)	2016	General Area	ECS(Electronic Control Suspension)	Read Data Stream	
Quoris(KH)	2016	General Area	EHPS(Electronic Hydraulic Power Steering System)	Version Information	
Quoris(KH)	2016	General Area	EHPS(Electronic Hydraulic Power Steering System)	Read Fault Code	

model	year	area	system	function	subfunction
Quoris(KH)	2016	General Area	EHPS(Electronic Hydraulic Power Steering System)	Clear Fault Memory	
Quoris(KH)	2016	General Area	EHPS(Electronic Hydraulic Power Steering System)	Read Data Stream	
Quoris(KH)	2016	General Area	EHPS(Electronic Hydraulic Power Steering System)	Special Function	EPS Type Recognition
Quoris(KH)	2016	General Area	E-Shifter	Version	
Quoris(KH)	2016	General Area	E-Shifter	Read Fault Code	
Quoris(KH)	2016	General Area	E-Shifter	Clear Fault	
Quoris(KH)	2016	General Area	E-Shifter	Read Data	
Quoris(KH)	2016	General Area	E-Shifter	Actuation Test	Park Release Actuator-N
Quoris(KH)	2016	General Area	E-Shifter	Actuation Test	Return Actuator
Quoris(KH)	2016	General Area	E-Shifter	Actuation Test	Shift Lock Solenoid 4(M
Quoris(KH)	2016	General Area	LDWS(Lane Departure Warning System)	Version Information	
Quoris(KH)	2016	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Quoris(KH)	2016	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Quoris(KH)	2016	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Quoris(KH)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Activation Switch LED
Quoris(KH)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Left
Quoris(KH)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Right
Quoris(KH)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	ALL LEDs
Quoris(KH)	2016	General Area	PSB(Pre-safe Seat	Version	
Quoris(KH)	2016	General Area	PSB(Pre-safe Seat	Read Fault Code	
Quoris(KH)	2016	General Area	PSB(Pre-safe Seat	Clear Fault	
Quoris(KH)	2016	General Area	PSB(Pre-safe Seat	Read Data	
Quoris(KH)	2016	General Area	PSB(Pre-safe Seat	Actuation Test	Warning
Quoris(KH)	2016	General Area	PSB(Pre-safe Seat	Special Function	PSB Motor Test
Quoris(KH)	2016	General Area	PSB(Pre-safe Seat	Special Function	PSB Variant
Quoris(KH)	2016	General Area	Smart Key Unit	Version	
Quoris(KH)	2016	General Area	Smart Key Unit	Read Fault Code	
Quoris(KH)	2016	General Area	Smart Key Unit	Clear Fault	
Quoris(KH)	2016	General Area	Smart Key Unit	Read Data	
Quoris(KH)	2016	General Area	Smart Key Unit	Actuation Test	SSB Illumination

model	year	area	system	function	subfunction
Quoris(KH)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Quoris(KH)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Quoris(KH)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED White
Quoris(KH)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Quoris(KH)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Quoris(KH)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Quoris(KH)	2016	General Area	Smart Key Unit	Actuation Test	ACC Relay
Quoris(KH)	2016	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Quoris(KH)	2016	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Quoris(KH)	2016	General Area	Smart Key Unit	Actuation Test	Starter Relay
Quoris(KH)	2016	General Area	Smart Key Unit	Actuation Test	External Buzzer
Quoris(KH)	2016	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Quoris(KH)	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Quoris(KH)	2016	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Quoris(KH)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Quoris(KH)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Quoris(KH)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Quoris(KH)	2016	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Quoris(KH)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Quoris(KH)	2016	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Quoris(KH)	2016	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Quoris(KH)	2016	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Quoris(KH)	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Quoris(KH)	2016	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Quoris(KH)	2016	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Quoris(KH)	2016	General Area	Smart Key Unit	Special Function	Neutralization Mode
Quoris(KH)	2016	General Area	Smart Key Unit	Special Function	SMK Status Information
Quoris(KH)	2016	General Area	Smart Key Unit	Special Function	ESCL Status Information
Quoris(KH)	2016	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Quoris(KH)	2016	General Area	Smart Key Unit	Special Function	Current FOB Key Check

model	year	area	system	function	subfunction
Quoris(KH)	2016	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Quoris(KH)	2016	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Quoris(KH)	2016	General Area	Smart Key Unit	Special Function	Antenna Status Check
Quoris(KH)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Quoris(KH)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Quoris(KH)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Quoris(KH)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Quoris(KH)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Quoris(KH)	2016	General Area	SVMS(Surround View Monitor System)	Version Information	
Quoris(KH)	2016	General Area	SVMS(Surround View Monitor System)	Read Fault Code	
Quoris(KH)	2016	General Area	SVMS(Surround View Monitor System)	Clear Fault Memory	
Quoris(KH)	2016	General Area	SVMS(Surround View Monitor System)	Read Data Stream	
Quoris(KH)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-SVM View
Quoris(KH)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-SVM View
Quoris(KH)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Left View
Quoris(KH)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Left View
Quoris(KH)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Right View
Quoris(KH)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Right View
Quoris(KH)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Wide View
Quoris(KH)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Wide View

model	year	area	system	function	subfunction
Quoris(KH)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 25%
Quoris(KH)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 100%
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Version Information	
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Read Fault Code	
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Read Data Stream	
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/C)
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(4&OD/C)
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(27/B)
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(6/C)
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(8LR/B)
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid B
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid C
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid D
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid E
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	LR(L,R_B)Solenoid

model	year	area	system	function	subfunction
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	UD(L_C)Solenoid
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	2ND(2-4_B)Solenoid
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	OD(H_C)Solenoid
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	1st Gear Lamp
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear Lamp
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear Lamp
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	4th Gear Lamp
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	5th Gear Lamp
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	6th Gear Lamp
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	7th Gear Lamp
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	8th Gear Lamp
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Hold Lamp
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Main Relay
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid A(Drive)
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid B(Reverse)(SBW)
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid(SBC)
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid A(Parking)
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid A(DRH)
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Special Function	Oil-pressure Characteristics BackUp&Input(TCU Exchange)

model	year	area	system	function	subfunction
Quoris(KH)	2016	General Area	TCM(Transmission Control Module)	Special Function	Oil-pressure Characteristics Input(Transmission Exchange)
Quoris(KH)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Quoris(KH)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Quoris(KH)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Quoris(KH)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Quoris(KH)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Quoris(KH)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Quoris(KH)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Quoris(KH)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Quoris(KH)	2015	General Area	AAF(Active Air Flap)	Version	
Quoris(KH)	2015	General Area	AAF(Active Air Flap)	Read Fault Code	
Quoris(KH)	2015	General Area	AAF(Active Air Flap)	Clear Fault	
Quoris(KH)	2015	General Area	AAF(Active Air Flap)	Read Data	
Quoris(KH)	2015	General Area	AAF(Active Air Flap)	Actuation Test	Manually Active Air Flap Open
Quoris(KH)	2015	General Area	AAF(Active Air Flap)	Actuation Test	Manually Active Air Flap Close
Quoris(KH)	2015	General Area	AAF(Active Air Flap)	Actuation Test	Active Air Flap
Quoris(KH)	2015	General Area	ABS(Anti-Lock Brake System)	Version Information	
Quoris(KH)	2015	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Quoris(KH)	2015	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Quoris(KH)	2015	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Quoris(KH)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Quoris(KH)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Quoris(KH)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Warning Lamp
Quoris(KH)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Status Lamp

model	year	area	system	function	subfunction
Quoris(KH)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Quoris(KH)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Quoris(KH)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Quoris(KH)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Quoris(KH)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Quoris(KH)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Quoris(KH)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Quoris(KH)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Quoris(KH)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Quoris(KH)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Quoris(KH)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Quoris(KH)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
Quoris(KH)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
Quoris(KH)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Quoris(KH)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Quoris(KH)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Quoris(KH)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Quoris(KH)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Quoris(KH)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	SAS Calibration(CAN-ESP Only)
Quoris(KH)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Version	

model	year	area	system	function	subfunction
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Read Fault Code	
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Clear Fault	
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Read Data	
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Vent
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Floor
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defog
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-VENT-0%

model	year	area	system	function	subfunction
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-TEMP-50%
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Quoris(KH)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Quoris(KH)	2015	General Area	AFS(Adaptive Front Lighting System)	Version Information	
Quoris(KH)	2015	General Area	AFS(Adaptive Front Lighting System)	Read Fault Code	
Quoris(KH)	2015	General Area	AFS(Adaptive Front Lighting System)	Clear Fault Memory	
Quoris(KH)	2015	General Area	AFS(Adaptive Front Lighting System)	Read Data Stream	
Quoris(KH)	2015	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Quoris(KH)	2015	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	HLL(Head Lamp Leveling)Middle(Center)Position
Quoris(KH)	2015	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Quoris(KH)	2015	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	DBL(Dynamic Bending Light)Max(RH)Position
Quoris(KH)	2015	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	DBL(Dynamic Bending Light)Middle Position-Center

model	year	area	system	function	subfunction
Quoris(KH)	2015	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	DBL(Dynamic Bending Light)Max(LH)Position
Quoris(KH)	2015	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	Full AFLS BPC Test Class C
Quoris(KH)	2015	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	Full AFLS BPC Test Class V
Quoris(KH)	2015	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	Full AFLS BPC Test Class E
Quoris(KH)	2015	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	Full AFLS BPC Test Class E1
Quoris(KH)	2015	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	Full AFLS BPC Test Class E2
Quoris(KH)	2015	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	Full AFLS BPC Test Class HIGH
Quoris(KH)	2015	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	Full AFLS BPC Test Class W
Quoris(KH)	2015	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	Full AFLS BPC Test LED OFF
Quoris(KH)	2015	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	SBL Function Test SBL LH ON
Quoris(KH)	2015	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	SBL Function Test SBL RH ON
Quoris(KH)	2015	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	SBL function Test SBL ON(ALL)
Quoris(KH)	2015	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	AFLS AIM'G Mode
Quoris(KH)	2015	General Area	AFS(Adaptive Front Lighting System)	Special Function	Parameter Download
Quoris(KH)	2015	General Area	AFS(Adaptive Front Lighting System)	Special Function	Calibration
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Version Information	
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Read Fault Code	
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Clear Fault Memory	
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Read Data Stream	
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Steering Column To The Highest Position(Tilt)

model	year	area	system	function	subfunction
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Steering Column To The Lowest Position(Tilt)
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Steering Column At The Shortest Position(Tele)
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Steering Column At The Longest Position(Tele)
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(Headrest

model	year	area	system	function	subfunction
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(Headrest
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Foremost Position(Cushion Extension)
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Last Position(Cushion Extension)
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Body Load Power Output
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp Output
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	ESS Relay
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Trunk Room Lamp Output
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Heated Relay
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window

model	year	area	system	function	subfunction
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window Up
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Highest Position
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Lowest Position
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Left Position
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Right Position
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Fold
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Unfold
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Drive Side Puddle Lamp
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Lock
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Side Repeater
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	BSD Indicator
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Courtesy Lamp
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Heater Control
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Window Auto Up
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Auto
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Up

model	year	area	system	function	subfunction
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Down
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window Up
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Highest Position
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Lowest Position
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Left Position
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Right Position
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Fold
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Unfold
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Puddle Lamp
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Lock
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Unlock
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Repeater
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Courtesy Lamp
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Heater Control
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Auto Up
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Auto

model	year	area	system	function	subfunction
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Up
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Down
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output

model	year	area	system	function	subfunction
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay

model	year	area	system	function	subfunction
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output

model	year	area	system	function	subfunction
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Special Function	CLU Variant Coding
Quoris(KH)	2015	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting
Quoris(KH)	2015	General Area	CCS(Cruise Control System)	Version Information	
Quoris(KH)	2015	General Area	CCS(Cruise Control System)	Read Fault Code	
Quoris(KH)	2015	General Area	CCS(Cruise Control System)	Clear Fault Memory	
Quoris(KH)	2015	General Area	CCS(Cruise Control System)	Read Data Stream	
Quoris(KH)	2015	General Area	CCS(Cruise Control System)	Special Function	SCC Alignment(Calibration)

model	year	area	system	function	subfunction
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Version Information	
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Read Fault Code	
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Read Data Stream	
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low

model	year	area	system	function	subfunction
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters

model	year	area	system	function	subfunction
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3

model	year	area	system	function	subfunction
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-High
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-Low
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	TEC Learn
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VCM Type VIS 2
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 1

model	year	area	system	function	subfunction
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 2
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 3
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 4
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 5
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 6
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI High Pressure Offset
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Quoris(KH)	2015	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Quoris(KH)	2015	General Area	ECS(Electronic Control Suspension)	Version Information	
Quoris(KH)	2015	General Area	ECS(Electronic Control Suspension)	Read Fault Code	
Quoris(KH)	2015	General Area	ECS(Electronic Control Suspension)	Clear Fault Memory	
Quoris(KH)	2015	General Area	ECS(Electronic Control Suspension)	Read Data Stream	
Quoris(KH)	2015	General Area	EHPS(Electronic Hydraulic Power Steering System)	Version Information	
Quoris(KH)	2015	General Area	EHPS(Electronic Hydraulic Power Steering System)	Read Fault Code	
Quoris(KH)	2015	General Area	EHPS(Electronic Hydraulic Power Steering System)	Clear Fault Memory	
Quoris(KH)	2015	General Area	EHPS(Electronic Hydraulic Power Steering System)	Read Data Stream	

model	year	area	system	function	subfunction
Quoris(KH)	2015	General Area	EHPS(Electronic Hydraulic Power Steering System)	Special Function	EPS Type Recognition
Quoris(KH)	2015	General Area	E-Shifter	Version	
Quoris(KH)	2015	General Area	E-Shifter	Read Fault Code	
Quoris(KH)	2015	General Area	E-Shifter	Clear Fault	
Quoris(KH)	2015	General Area	E-Shifter	Read Data	
Quoris(KH)	2015	General Area	E-Shifter	Actuation Test	Park Release Actuator-N
Quoris(KH)	2015	General Area	E-Shifter	Actuation Test	Return Actuator
Quoris(KH)	2015	General Area	E-Shifter	Actuation Test	Shift Lock Solenoid 4(M
Quoris(KH)	2015	General Area	LDWS(Lane Departure Warning System)	Version Information	
Quoris(KH)	2015	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Quoris(KH)	2015	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Quoris(KH)	2015	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Quoris(KH)	2015	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Activation Switch LED
Quoris(KH)	2015	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Left
Quoris(KH)	2015	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Right
Quoris(KH)	2015	General Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Region Coding
Quoris(KH)	2015	General Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Reference Point Calibration
Quoris(KH)	2015	General Area	LDWS(Lane Departure Warning System)	Special Function	BSD Radar Calibration
Quoris(KH)	2015	General Area	PSB(Pre-safe Seat	Version	
Quoris(KH)	2015	General Area	PSB(Pre-safe Seat	Read Fault Code	
Quoris(KH)	2015	General Area	PSB(Pre-safe Seat	Clear Fault	
Quoris(KH)	2015	General Area	PSB(Pre-safe Seat	Read Data	
Quoris(KH)	2015	General Area	PSB(Pre-safe Seat	Actuation Test	Warning
Quoris(KH)	2015	General Area	PSB(Pre-safe Seat	Special Function	PSB Motor Test
Quoris(KH)	2015	General Area	PSB(Pre-safe Seat	Special Function	PSB Variant
Quoris(KH)	2015	General Area	Smart Key Unit	Version	
Quoris(KH)	2015	General Area	Smart Key Unit	Read Fault Code	
Quoris(KH)	2015	General Area	Smart Key Unit	Clear Fault	
Quoris(KH)	2015	General Area	Smart Key Unit	Read Data	
Quoris(KH)	2015	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Quoris(KH)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Quoris(KH)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red

model	year	area	system	function	subfunction
Quoris(KH)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED White
Quoris(KH)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Quoris(KH)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Quoris(KH)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Quoris(KH)	2015	General Area	Smart Key Unit	Actuation Test	ACC Relay
Quoris(KH)	2015	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Quoris(KH)	2015	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Quoris(KH)	2015	General Area	Smart Key Unit	Actuation Test	Starter Relay
Quoris(KH)	2015	General Area	Smart Key Unit	Actuation Test	External Buzzer
Quoris(KH)	2015	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Quoris(KH)	2015	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Quoris(KH)	2015	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Quoris(KH)	2015	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Quoris(KH)	2015	General Area	Smart Key Unit	Special Function	Neutralization Mode
Quoris(KH)	2015	General Area	Smart Key Unit	Special Function	SMK Status Information
Quoris(KH)	2015	General Area	Smart Key Unit	Special Function	ESCL Status Information
Quoris(KH)	2015	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Quoris(KH)	2015	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Quoris(KH)	2015	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Quoris(KH)	2015	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Quoris(KH)	2015	General Area	Smart Key Unit	Special Function	Antenna Status Check
Quoris(KH)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Quoris(KH)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Quoris(KH)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Quoris(KH)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Quoris(KH)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Quoris(KH)	2015	General Area	SVMS(Surround View Monitor System)	Version Information	
Quoris(KH)	2015	General Area	SVMS(Surround View Monitor System)	Read Fault Code	
Quoris(KH)	2015	General Area	SVMS(Surround View Monitor System)	Clear Fault Memory	
Quoris(KH)	2015	General Area	SVMS(Surround View Monitor System)	Read Data Stream	
Quoris(KH)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-SVM View
Quoris(KH)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-SVM View
Quoris(KH)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Left View
Quoris(KH)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Left View
Quoris(KH)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Right View
Quoris(KH)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Right View
Quoris(KH)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Wide View
Quoris(KH)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Wide View
Quoris(KH)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 25%
Quoris(KH)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 100%
Quoris(KH)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-AVM View
Quoris(KH)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-AVM View
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Version Information	
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Read Fault Code	
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/C)
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(4&OD/C)
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(27/B)
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(6/C)
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(8LR/B)
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid B
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid C
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid D
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid E
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	LR(L,R_B)Solenoid
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	UD(L_C)Solenoid
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	2ND(2-4_B)Solenoid
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	OD(H_C)Solenoid
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	1st Gear Lamp
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear Lamp

model	year	area	system	function	subfunction
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear Lamp
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	4th Gear Lamp
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	5th Gear Lamp
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	6th Gear Lamp
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	7th Gear Lamp
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	8th Gear Lamp
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Hold Lamp
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Main Relay
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid A(Drive)
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid B(Reverse)(SBW)
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid(SBC)
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid A(Parking)
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid A(DRH)
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Special Function	Oil-pressure Characteristics BackUp&Input(TCU Exchange)
Quoris(KH)	2015	General Area	TCM(Transmission Control Module)	Special Function	Oil-pressure Characteristics Input(Transmission Exchange)
Quoris(KH)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Quoris(KH)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Quoris(KH)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Quoris(KH)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	

model	year	area	system	function	subfunction
Quoris(KH)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Quoris(KH)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Quoris(KH)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Quoris(KH)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Quoris(KH)	2014	General Area	AAF(Active Air Flap)	Version	
Quoris(KH)	2014	General Area	AAF(Active Air Flap)	Read Fault Code	
Quoris(KH)	2014	General Area	AAF(Active Air Flap)	Clear Fault	
Quoris(KH)	2014	General Area	AAF(Active Air Flap)	Read Data	
Quoris(KH)	2014	General Area	AAF(Active Air Flap)	Actuation Test	Manually Active Air Flap Open
Quoris(KH)	2014	General Area	AAF(Active Air Flap)	Actuation Test	Manually Active Air Flap Close
Quoris(KH)	2014	General Area	AAF(Active Air Flap)	Actuation Test	Active Air Flap
Quoris(KH)	2014	General Area	ABS(Anti-Lock Brake System)	Version Information	
Quoris(KH)	2014	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Quoris(KH)	2014	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Quoris(KH)	2014	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Quoris(KH)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Quoris(KH)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Quoris(KH)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Warning Lamp
Quoris(KH)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Status Lamp
Quoris(KH)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Quoris(KH)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Quoris(KH)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Quoris(KH)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Quoris(KH)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Quoris(KH)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front

model	year	area	system	function	subfunction
Quoris(KH)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Quoris(KH)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Quoris(KH)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Quoris(KH)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Quoris(KH)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Quoris(KH)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
Quoris(KH)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
Quoris(KH)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Quoris(KH)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Quoris(KH)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Quoris(KH)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Quoris(KH)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Quoris(KH)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	SAS Calibration(CAN-ESP Only)
Quoris(KH)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Version	
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Read Fault Code	
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Clear Fault	
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Read Data	
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium

model	year	area	system	function	subfunction
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Vent
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Floor
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defog
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-VENT-0%
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-TEMP-50%
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%

model	year	area	system	function	subfunction
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Quoris(KH)	2014	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Quoris(KH)	2014	General Area	AFS(Adaptive Front Lighting System)	Version Information	
Quoris(KH)	2014	General Area	AFS(Adaptive Front Lighting System)	Read Fault Code	
Quoris(KH)	2014	General Area	AFS(Adaptive Front Lighting System)	Clear Fault Memory	
Quoris(KH)	2014	General Area	AFS(Adaptive Front Lighting System)	Read Data Stream	
Quoris(KH)	2014	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Quoris(KH)	2014	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	HLL(Head Lamp Leveling)Middle(Center)Position
Quoris(KH)	2014	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Quoris(KH)	2014	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	DBL(Dynamic Bending Light)Max(RH)Position
Quoris(KH)	2014	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	DBL(Dynamic Bending Light)Middle Position-Center
Quoris(KH)	2014	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	DBL(Dynamic Bending Light)Max(LH)Position
Quoris(KH)	2014	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	Full AFLS BPC Test Class C
Quoris(KH)	2014	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	Full AFLS BPC Test Class V
Quoris(KH)	2014	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	Full AFLS BPC Test Class E

model	year	area	system	function	subfunction
Quoris(KH)	2014	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	Full AFLS BPC Test Class E1
Quoris(KH)	2014	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	Full AFLS BPC Test Class E2
Quoris(KH)	2014	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	Full AFLS BPC Test Class HIGH
Quoris(KH)	2014	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	Full AFLS BPC Test Class W
Quoris(KH)	2014	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	Full AFLS BPC Test LED OFF
Quoris(KH)	2014	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	SBL Function Test SBL LH ON
Quoris(KH)	2014	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	SBL Function Test SBL RH ON
Quoris(KH)	2014	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	SBL function Test SBL ON(ALL)
Quoris(KH)	2014	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	AFLS AIM'G Mode
Quoris(KH)	2014	General Area	AFS(Adaptive Front Lighting System)	Special Function	Parameter Download
Quoris(KH)	2014	General Area	AFS(Adaptive Front Lighting System)	Special Function	Calibration
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Version Information	
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Read Fault Code	
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Clear Fault Memory	
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Read Data Stream	
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move Steering Column To The Highest Position(Tilt)
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move Steering Column To The Lowest Position(Tilt)
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move Steering Column At The Shortest Position(Tele)
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move Steering Column At The Longest Position(Tele)

model	year	area	system	function	subfunction
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(Headrest
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(Headrest
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Foremost Position(Cushion Extension)
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Last Position(Cushion Extension)
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay

model	year	area	system	function	subfunction
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Body Load Power Output
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp Output
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	ESS Relay
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Trunk Room Lamp Output
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Heated Relay
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window Up
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Highest Position
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Lowest Position

model	year	area	system	function	subfunction
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Left Position
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Right Position
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Fold
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Unfold
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Drive Side Puddle Lamp
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Lock
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Driver Side Repeater
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	BSD Indicator
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Driver Courtesy Lamp
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Driver Heater Control
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Window Auto Up
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Auto
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Up
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Down
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window Up
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window

model	year	area	system	function	subfunction
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Highest Position
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Lowest Position
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Left Position
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Right Position
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Fold
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Unfold
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Puddle Lamp
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Lock
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Unlock
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Repeater
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Assist Courtesy Lamp
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Assist Heater Control
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Auto Up
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Auto
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Up
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Down
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output

model	year	area	system	function	subfunction
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)

model	year	area	system	function	subfunction
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay

model	year	area	system	function	subfunction
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay

model	year	area	system	function	subfunction
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Special Function	CLU Variant Coding
Quoris(KH)	2014	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting
Quoris(KH)	2014	General Area	CCS(Cruise Control System)	Version Information	
Quoris(KH)	2014	General Area	CCS(Cruise Control System)	Read Fault Code	
Quoris(KH)	2014	General Area	CCS(Cruise Control System)	Clear Fault Memory	
Quoris(KH)	2014	General Area	CCS(Cruise Control System)	Read Data Stream	
Quoris(KH)	2014	General Area	CCS(Cruise Control System)	Special Function	SCC Alignment(Calibration)
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Version Information	
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Read Fault Code	
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Read Data Stream	
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-High
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-Low
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	TEC Learn
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VCM Type VIS 2
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 1
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 2
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 3

model	year	area	system	function	subfunction
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 4
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 5
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 6
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Actuation Test	GDI High Pressure Offset
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Quoris(KH)	2014	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Quoris(KH)	2014	General Area	ECS(Electronic Control Suspension)	Version Information	
Quoris(KH)	2014	General Area	ECS(Electronic Control Suspension)	Read Fault Code	
Quoris(KH)	2014	General Area	ECS(Electronic Control Suspension)	Clear Fault Memory	
Quoris(KH)	2014	General Area	ECS(Electronic Control Suspension)	Read Data Stream	
Quoris(KH)	2014	General Area	EHPS(Electronic Hydraulic Power Steering System)	Version Information	
Quoris(KH)	2014	General Area	EHPS(Electronic Hydraulic Power Steering System)	Read Fault Code	
Quoris(KH)	2014	General Area	EHPS(Electronic Hydraulic Power Steering System)	Clear Fault Memory	
Quoris(KH)	2014	General Area	EHPS(Electronic Hydraulic Power Steering System)	Read Data Stream	
Quoris(KH)	2014	General Area	EHPS(Electronic Hydraulic Power Steering System)	Special Function	EPS Type Recognition
Quoris(KH)	2014	General Area	E-Shifter	Version	
Quoris(KH)	2014	General Area	E-Shifter	Read Fault Code	
Quoris(KH)	2014	General Area	E-Shifter	Clear Fault	
Quoris(KH)	2014	General Area	E-Shifter	Read Data	

model	year	area	system	function	subfunction
Quoris(KH)	2014	General Area	E-Shifter	Actuation Test	Park Release Actuator-N
Quoris(KH)	2014	General Area	E-Shifter	Actuation Test	Return Actuator
Quoris(KH)	2014	General Area	E-Shifter	Actuation Test	Shift Lock Solenoid 4(M
Quoris(KH)	2014	General Area	LDWS(Lane Departure Warning System)	Version Information	
Quoris(KH)	2014	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Quoris(KH)	2014	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Quoris(KH)	2014	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Quoris(KH)	2014	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Activation Switch LED
Quoris(KH)	2014	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Left
Quoris(KH)	2014	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Right
Quoris(KH)	2014	General Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Region Coding
Quoris(KH)	2014	General Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Reference Point Calibration
Quoris(KH)	2014	General Area	LDWS(Lane Departure Warning System)	Special Function	BSD Radar Calibration
Quoris(KH)	2014	General Area	PSB(Pre-safe Seat	Version	
Quoris(KH)	2014	General Area	PSB(Pre-safe Seat	Read Fault Code	
Quoris(KH)	2014	General Area	PSB(Pre-safe Seat	Clear Fault	
Quoris(KH)	2014	General Area	PSB(Pre-safe Seat	Read Data	
Quoris(KH)	2014	General Area	PSB(Pre-safe Seat	Actuation Test	Warning
Quoris(KH)	2014	General Area	PSB(Pre-safe Seat	Special Function	PSB Motor Test
Quoris(KH)	2014	General Area	PSB(Pre-safe Seat	Special Function	PSB Variant
Quoris(KH)	2014	General Area	Smart Key Unit	Version	
Quoris(KH)	2014	General Area	Smart Key Unit	Read Fault Code	
Quoris(KH)	2014	General Area	Smart Key Unit	Clear Fault	
Quoris(KH)	2014	General Area	Smart Key Unit	Read Data	
Quoris(KH)	2014	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Quoris(KH)	2014	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Quoris(KH)	2014	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Quoris(KH)	2014	General Area	Smart Key Unit	Actuation Test	SSB LED White
Quoris(KH)	2014	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Quoris(KH)	2014	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Quoris(KH)	2014	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output

model	year	area	system	function	subfunction
Quoris(KH)	2014	General Area	Smart Key Unit	Actuation Test	ACC Relay
Quoris(KH)	2014	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Quoris(KH)	2014	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Quoris(KH)	2014	General Area	Smart Key Unit	Actuation Test	Starter Relay
Quoris(KH)	2014	General Area	Smart Key Unit	Actuation Test	External Buzzer
Quoris(KH)	2014	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Quoris(KH)	2014	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Quoris(KH)	2014	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Quoris(KH)	2014	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Quoris(KH)	2014	General Area	Smart Key Unit	Special Function	Neutralization Mode
Quoris(KH)	2014	General Area	Smart Key Unit	Special Function	SMK Status Information
Quoris(KH)	2014	General Area	Smart Key Unit	Special Function	ESCL Status Information
Quoris(KH)	2014	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Quoris(KH)	2014	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Quoris(KH)	2014	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Quoris(KH)	2014	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Quoris(KH)	2014	General Area	Smart Key Unit	Special Function	Antenna Status Check
Quoris(KH)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Quoris(KH)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Quoris(KH)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Quoris(KH)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Quoris(KH)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Quoris(KH)	2014	General Area	SVMS(Surround View Monitor System)	Version Information	

model	year	area	system	function	subfunction
Quoris(KH)	2014	General Area	SVMS(Surround View Monitor System)	Read Fault Code	
Quoris(KH)	2014	General Area	SVMS(Surround View Monitor System)	Clear Fault Memory	
Quoris(KH)	2014	General Area	SVMS(Surround View Monitor System)	Read Data Stream	
Quoris(KH)	2014	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-SVM View
Quoris(KH)	2014	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-SVM View
Quoris(KH)	2014	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Left View
Quoris(KH)	2014	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Left View
Quoris(KH)	2014	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Right View
Quoris(KH)	2014	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Right View
Quoris(KH)	2014	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Wide View
Quoris(KH)	2014	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Wide View
Quoris(KH)	2014	General Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 25%
Quoris(KH)	2014	General Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 100%
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Version Information	
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Read Fault Code	
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Read Data Stream	
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/C)
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(4&OD/C)
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(27/B)
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)

model	year	area	system	function	subfunction
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(6/C)
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(8LR/B)
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid B
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid C
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid D
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid E
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	LR(L,R_B)Solenoid
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	UD(L_C)Solenoid
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	2ND(2-4_B)Solenoid
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	OD(H_C)Solenoid
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	1st Gear Lamp
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear Lamp
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear Lamp
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	4th Gear Lamp
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	5th Gear Lamp
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	6th Gear Lamp
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	7th Gear Lamp
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	8th Gear Lamp

model	year	area	system	function	subfunction
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Hold Lamp
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Main Relay
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid A(Drive)
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid B(Reverse)(SBW)
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid(SBC)
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid A(Parking)
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid A(DRH)
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Special Function	Oil-pressure Characteristics BackUp&Input(TCU Exchange)
Quoris(KH)	2014	General Area	TCM(Transmission Control Module)	Special Function	Oil-pressure Characteristics Input(Transmission Exchange)
Quoris(KH)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Quoris(KH)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Quoris(KH)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Quoris(KH)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Quoris(KH)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Quoris(KH)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Quoris(KH)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Quoris(KH)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Quoris(KH)	2013	General Area	AAF(Active Air Flap)	Version	
Quoris(KH)	2013	General Area	AAF(Active Air Flap)	Read Fault Code	
Quoris(KH)	2013	General Area	AAF(Active Air Flap)	Clear Fault	
Quoris(KH)	2013	General Area	AAF(Active Air Flap)	Read Data	

model	year	area	system	function	subfunction
Quoris(KH)	2013	General Area	AAF(Active Air Flap)	Actuation Test	Manually Active Air Flap Open
Quoris(KH)	2013	General Area	AAF(Active Air Flap)	Actuation Test	Manually Active Air Flap Close
Quoris(KH)	2013	General Area	AAF(Active Air Flap)	Actuation Test	Active Air Flap
Quoris(KH)	2013	General Area	ABS(Anti-Lock Brake System)	Version Information	
Quoris(KH)	2013	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Quoris(KH)	2013	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Quoris(KH)	2013	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Quoris(KH)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Quoris(KH)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Quoris(KH)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Warning Lamp
Quoris(KH)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Status Lamp
Quoris(KH)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Quoris(KH)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Quoris(KH)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Quoris(KH)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Quoris(KH)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Quoris(KH)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Quoris(KH)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Quoris(KH)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Quoris(KH)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Quoris(KH)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Quoris(KH)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Quoris(KH)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)

model	year	area	system	function	subfunction
Quoris(KH)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
Quoris(KH)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Quoris(KH)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Quoris(KH)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Quoris(KH)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Quoris(KH)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Quoris(KH)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	SAS Calibration(CAN-ESP Only)
Quoris(KH)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Version	
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Read Fault Code	
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Clear Fault	
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Read Data	
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%

model	year	area	system	function	subfunction
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Vent
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Floor
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defog
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-VENT-0%
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-TEMP-50%
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Quoris(KH)	2013	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Quoris(KH)	2013	General Area	AFS(Adaptive Front Lighting System)	Version Information	

model	year	area	system	function	subfunction
Quoris(KH)	2013	General Area	AFS(Adaptive Front Lighting System)	Read Fault Code	
Quoris(KH)	2013	General Area	AFS(Adaptive Front Lighting System)	Clear Fault Memory	
Quoris(KH)	2013	General Area	AFS(Adaptive Front Lighting System)	Read Data Stream	
Quoris(KH)	2013	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Quoris(KH)	2013	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Quoris(KH)	2013	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	DBL(Dynamic Bending Light)Max(LH)Position
Quoris(KH)	2013	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	DBL(Dynamic Bending Light)Max(RH)Position
Quoris(KH)	2013	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	SSA(Smart Shield Actuation)Test-Country
Quoris(KH)	2013	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	SSA(Smart Shield Actuation)Test-Village
Quoris(KH)	2013	General Area	AFS(Adaptive Front Lighting System)	Actuation Test	SSA(Smart Shield Actuation)Test-Express way
Quoris(KH)	2013	General Area	AFS(Adaptive Front Lighting System)	Special Function	Calibration
Quoris(KH)	2013	General Area	AFS(Adaptive Front Lighting System)	Special Function	Parameter Download
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Version Information	
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Read Fault Code	
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Clear Fault Memory	
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Read Data Stream	
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move Steering Column To The Highest Position(Tilt)

model	year	area	system	function	subfunction
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move Steering Column To The Lowest Position(Tilt)
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move Steering Column At The Shortest Position(Tele)
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move Steering Column At The Longest Position(Tele)
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(Headrest

model	year	area	system	function	subfunction
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(Headrest
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Foremost Position(Cushion Extension)
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Last Position(Cushion Extension)
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Body Load Power Output
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp Output
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	ESS Relay
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Trunk Room Lamp Output
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Heated Relay
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window

model	year	area	system	function	subfunction
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window Up
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Highest Position
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Lowest Position
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Left Position
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Right Position
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Fold
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Unfold
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Drive Side Puddle Lamp
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Lock
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Driver Side Repeater
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	BSD Indicator
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Driver Courtesy Lamp
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Driver Heater Control
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Window Auto Up
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Auto
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Up

model	year	area	system	function	subfunction
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Down
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window Up
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Highest Position
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Lowest Position
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Left Position
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Right Position
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Fold
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Unfold
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Puddle Lamp
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Lock
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Unlock
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Repeater
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Assist Courtesy Lamp
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Assist Heater Control
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Auto Up
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Auto

model	year	area	system	function	subfunction
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Up
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Down
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output

model	year	area	system	function	subfunction
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay

model	year	area	system	function	subfunction
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output

model	year	area	system	function	subfunction
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Special Function	CLU Variant Coding
Quoris(KH)	2013	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting
Quoris(KH)	2013	General Area	CCS(Cruise Control System)	Version Information	
Quoris(KH)	2013	General Area	CCS(Cruise Control System)	Read Fault Code	
Quoris(KH)	2013	General Area	CCS(Cruise Control System)	Clear Fault Memory	
Quoris(KH)	2013	General Area	CCS(Cruise Control System)	Read Data Stream	
Quoris(KH)	2013	General Area	CCS(Cruise Control System)	Special Function	SCC Alignment(Calibration)

model	year	area	system	function	subfunction
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Version Information	
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Read Fault Code	
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Read Data Stream	
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-High
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-Low
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	TEC Learn
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VCM Type VIS 2

model	year	area	system	function	subfunction
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 1
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 2
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 3
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 4
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 5
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 6
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Actuation Test	GDI High Pressure Offset
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Quoris(KH)	2013	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Quoris(KH)	2013	General Area	ECS(Electronic Control Suspension)	Version Information	
Quoris(KH)	2013	General Area	ECS(Electronic Control Suspension)	Read Fault Code	
Quoris(KH)	2013	General Area	ECS(Electronic Control Suspension)	Clear Fault Memory	
Quoris(KH)	2013	General Area	ECS(Electronic Control Suspension)	Read Data Stream	
Quoris(KH)	2013	General Area	EHPS(Electronic Hydraulic Power Steering System)	Version Information	
Quoris(KH)	2013	General Area	EHPS(Electronic Hydraulic Power Steering System)	Read Fault Code	
Quoris(KH)	2013	General Area	EHPS(Electronic Hydraulic Power Steering System)	Clear Fault Memory	
Quoris(KH)	2013	General Area	EHPS(Electronic Hydraulic Power Steering System)	Read Data Stream	

model	year	area	system	function	subfunction
Quoris(KH)	2013	General Area	EHPS(Electronic Hydraulic Power Steering System)	Actuation Test	Motor
Quoris(KH)	2013	General Area	EHPS(Electronic Hydraulic Power Steering System)	Special Function	EPS Type Recognition
Quoris(KH)	2013	General Area	E-Shifter	Version	
Quoris(KH)	2013	General Area	E-Shifter	Read Fault Code	
Quoris(KH)	2013	General Area	E-Shifter	Clear Fault	
Quoris(KH)	2013	General Area	E-Shifter	Read Data	
Quoris(KH)	2013	General Area	E-Shifter	Actuation Test	Park Release Actuator-N
Quoris(KH)	2013	General Area	E-Shifter	Actuation Test	Return Actuator
Quoris(KH)	2013	General Area	E-Shifter	Actuation Test	Shift Lock Solenoid 4(M
Quoris(KH)	2013	General Area	LDWS(Lane Departure Warning System)	Version Information	
Quoris(KH)	2013	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Quoris(KH)	2013	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Quoris(KH)	2013	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Quoris(KH)	2013	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Activation Switch LED
Quoris(KH)	2013	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Left
Quoris(KH)	2013	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Right
Quoris(KH)	2013	General Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Region Coding
Quoris(KH)	2013	General Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Reference Point Calibration
Quoris(KH)	2013	General Area	LDWS(Lane Departure Warning System)	Special Function	BSD Radar Calibration
Quoris(KH)	2013	General Area	PSB(Pre-safe Seat	Version	
Quoris(KH)	2013	General Area	PSB(Pre-safe Seat	Read Fault Code	
Quoris(KH)	2013	General Area	PSB(Pre-safe Seat	Clear Fault	
Quoris(KH)	2013	General Area	PSB(Pre-safe Seat	Read Data	
Quoris(KH)	2013	General Area	PSB(Pre-safe Seat	Actuation Test	Warning
Quoris(KH)	2013	General Area	PSB(Pre-safe Seat	Special Function	PSB Motor Test
Quoris(KH)	2013	General Area	PSB(Pre-safe Seat	Special Function	PSB Variant
Quoris(KH)	2013	General Area	Smart Key Unit	Version	
Quoris(KH)	2013	General Area	Smart Key Unit	Read Fault Code	
Quoris(KH)	2013	General Area	Smart Key Unit	Clear Fault	
Quoris(KH)	2013	General Area	Smart Key Unit	Read Data	

model	year	area	system	function	subfunction
Quoris(KH)	2013	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Quoris(KH)	2013	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Quoris(KH)	2013	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Quoris(KH)	2013	General Area	Smart Key Unit	Actuation Test	SSB LED White
Quoris(KH)	2013	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Quoris(KH)	2013	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Quoris(KH)	2013	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Quoris(KH)	2013	General Area	Smart Key Unit	Actuation Test	ACC Relay
Quoris(KH)	2013	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Quoris(KH)	2013	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Quoris(KH)	2013	General Area	Smart Key Unit	Actuation Test	Starter Relay
Quoris(KH)	2013	General Area	Smart Key Unit	Actuation Test	External Buzzer
Quoris(KH)	2013	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Quoris(KH)	2013	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Quoris(KH)	2013	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Quoris(KH)	2013	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Quoris(KH)	2013	General Area	Smart Key Unit	Special Function	Neutralization Mode
Quoris(KH)	2013	General Area	Smart Key Unit	Special Function	SMK Status Information
Quoris(KH)	2013	General Area	Smart Key Unit	Special Function	ESCL Status Information
Quoris(KH)	2013	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Quoris(KH)	2013	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Quoris(KH)	2013	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Quoris(KH)	2013	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Quoris(KH)	2013	General Area	Smart Key Unit	Special Function	Antenna Status Check
Quoris(KH)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Quoris(KH)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	

model	year	area	system	function	subfunction
Quoris(KH)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Quoris(KH)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Quoris(KH)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Quoris(KH)	2013	General Area	SVMS(Surround View Monitor System)	Version Information	
Quoris(KH)	2013	General Area	SVMS(Surround View Monitor System)	Read Fault Code	
Quoris(KH)	2013	General Area	SVMS(Surround View Monitor System)	Clear Fault Memory	
Quoris(KH)	2013	General Area	SVMS(Surround View Monitor System)	Read Data Stream	
Quoris(KH)	2013	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-SVM View
Quoris(KH)	2013	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-SVM View
Quoris(KH)	2013	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Left View
Quoris(KH)	2013	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Left View
Quoris(KH)	2013	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Right View
Quoris(KH)	2013	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Right View
Quoris(KH)	2013	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Wide View
Quoris(KH)	2013	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Wide View
Quoris(KH)	2013	General Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 25%
Quoris(KH)	2013	General Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 100%
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Version Information	
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Read Fault Code	
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/C)
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(4&OD/C)
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(27/B)
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(6/C)
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(8LR/B)
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid B
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid C
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid D
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid E
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	LR(L,R_B)Solenoid
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	UD(L_C)Solenoid
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	2ND(2-4_B)Solenoid
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	OD(H_C)Solenoid
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	1st Gear Lamp
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear Lamp

model	year	area	system	function	subfunction
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear Lamp
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	4th Gear Lamp
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	5th Gear Lamp
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	6th Gear Lamp
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	7th Gear Lamp
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	8th Gear Lamp
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Hold Lamp
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Main Relay
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid A(Drive)
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid B(Reverse)(SBW)
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid(SBC)
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid A(Parking)
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid A(DRH)
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Special Function	Oil-pressure Characteristics BackUp&Input(TCU Exchange)
Quoris(KH)	2013	General Area	TCM(Transmission Control Module)	Special Function	Oil-pressure Characteristics Input(Transmission Exchange)
Quoris(KH)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Quoris(KH)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Quoris(KH)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Quoris(KH)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	

model	year	area	system	function	subfunction
Quoris(KH)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Quoris(KH)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Quoris(KH)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Quoris(KH)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Retona(JL)	2001	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Retona(JL)	2001	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Retona(JL)	2001	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Retona(JL)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE/MOTOR
Retona(JL)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE/MOTOR
Retona(JL)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE/MOTOR
Retona(JL)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE/MOTOR
Retona(JL)	2001	General Area	ECM(Engine Control Module)	Read Fault Code	
Retona(JL)	2001	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Retona(JL)	2001	General Area	ECM(Engine Control Module)	Read Data Stream	
Retona(JL)	2001	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.1
Retona(JL)	2001	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.2
Retona(JL)	2001	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.3
Retona(JL)	2001	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.4
Retona(JL)	2001	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED CONTROL ACTUATOR
Retona(JL)	2001	General Area	ECM(Engine Control Module)	Actuation Test	EVAP.PURGE CONTORL SOLENOID
Retona(JL)	2001	General Area	TCM(Transmission Control Module)	Read Fault Code	
Retona(JL)	2001	General Area	TCM(Transmission Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Retona(JL)	2001	General Area	TCM(Transmission Control Module)	Read Data Stream	
Retona(JL)	2000	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Retona(JL)	2000	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Retona(JL)	2000	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Retona(JL)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE/MOTOR
Retona(JL)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE/MOTOR
Retona(JL)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE/MOTOR
Retona(JL)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE/MOTOR
Retona(JL)	2000	General Area	ECM(Engine Control Module)	Read Fault Code	
Retona(JL)	2000	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Retona(JL)	2000	General Area	ECM(Engine Control Module)	Read Data Stream	
Retona(JL)	2000	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.1
Retona(JL)	2000	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.2
Retona(JL)	2000	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.3
Retona(JL)	2000	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.4
Retona(JL)	2000	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED CONTROL ACTUATOR
Retona(JL)	2000	General Area	ECM(Engine Control Module)	Actuation Test	EVAP.PURGE CONTORL SOLENOID
Retona(JL)	2000	General Area	TCM(Transmission Control Module)	Read Fault Code	
Retona(JL)	2000	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Retona(JL)	2000	General Area	TCM(Transmission Control Module)	Read Data Stream	
Retona(JL)	1999	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Retona(JL)	1999	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Retona(JL)	1999	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Retona(JL)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE/MOTOR
Retona(JL)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE/MOTOR
Retona(JL)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE/MOTOR
Retona(JL)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE/MOTOR
Retona(JL)	1999	General Area	ECM(Engine Control Module)	Read Fault Code	
Retona(JL)	1999	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Retona(JL)	1999	General Area	ECM(Engine Control Module)	Read Data Stream	
Retona(JL)	1999	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.1
Retona(JL)	1999	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.2
Retona(JL)	1999	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.3
Retona(JL)	1999	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.4
Retona(JL)	1999	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED CONTROL ACTUATOR
Retona(JL)	1999	General Area	ECM(Engine Control Module)	Actuation Test	EVAP.PURGE CONTORL SOLENOID
Retona(JL)	1999	General Area	TCM(Transmission Control Module)	Read Fault Code	
Retona(JL)	1999	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Retona(JL)	1999	General Area	TCM(Transmission Control Module)	Read Data Stream	
Retona(JL)	1998	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Retona(JL)	1998	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Retona(JL)	1998	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Retona(JL)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE/MOTOR
Retona(JL)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE/MOTOR

model	year	area	system	function	subfunction
Retona(JL)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE/MOTOR
Retona(JL)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE/MOTOR
Retona(JL)	1998	General Area	ECM(Engine Control Module)	Read Fault Code	
Retona(JL)	1998	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Retona(JL)	1998	General Area	ECM(Engine Control Module)	Read Data Stream	
Retona(JL)	1998	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.1
Retona(JL)	1998	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.2
Retona(JL)	1998	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.3
Retona(JL)	1998	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.4
Retona(JL)	1998	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED CONTROL ACTUATOR
Retona(JL)	1998	General Area	ECM(Engine Control Module)	Actuation Test	EVAP.PURGE CONTORL SOLENOID
Retona(JL)	1998	General Area	TCM(Transmission Control Module)	Read Fault Code	
Retona(JL)	1998	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Retona(JL)	1998	General Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(BC)	2013	General Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(BC)	2013	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(BC)	2013	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(BC)	2013	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(BC)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(BC)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(BC)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(BC)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear

model	year	area	system	function	subfunction
RIO(BC)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(BC)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(BC)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(BC)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(BC)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(BC)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(BC)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(BC)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(BC)	2013	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
RIO(BC)	2013	General Area	ECM(Engine Control Module)	Read Fault Code	
RIO(BC)	2013	General Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(BC)	2013	General Area	ECM(Engine Control Module)	Read Data Stream	
RIO(BC)	2013	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
RIO(BC)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(BC)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(BC)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(BC)	2013	General Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(BC)	2013	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(BC)	2013	General Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(BC)	2012	General Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(BC)	2012	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	

model	year	area	system	function	subfunction
RIO(BC)	2012	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(BC)	2012	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(BC)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(BC)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(BC)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(BC)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(BC)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(BC)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(BC)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(BC)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(BC)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(BC)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(BC)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(BC)	2012	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(BC)	2012	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
RIO(BC)	2012	General Area	ECM(Engine Control Module)	Read Fault Code	
RIO(BC)	2012	General Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(BC)	2012	General Area	ECM(Engine Control Module)	Read Data Stream	
RIO(BC)	2012	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
RIO(BC)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(BC)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	

model	year	area	system	function	subfunction
RIO(BC)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(BC)	2012	General Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(BC)	2012	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(BC)	2012	General Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(BC)	2011	General Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(BC)	2011	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(BC)	2011	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(BC)	2011	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(BC)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(BC)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(BC)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(BC)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(BC)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(BC)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(BC)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(BC)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(BC)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(BC)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(BC)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(BC)	2011	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(BC)	2011	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
RIO(BC)	2011	General Area	ECM(Engine Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
RIO(BC)	2011	General Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(BC)	2011	General Area	ECM(Engine Control Module)	Read Data Stream	
RIO(BC)	2011	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
RIO(BC)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(BC)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(BC)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(BC)	2011	General Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(BC)	2011	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(BC)	2011	General Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(BC)	2010	General Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(BC)	2010	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(BC)	2010	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(BC)	2010	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(BC)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(BC)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(BC)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(BC)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(BC)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(BC)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(BC)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(BC)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear

model	year	area	system	function	subfunction
RIO(BC)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(BC)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(BC)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(BC)	2010	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(BC)	2010	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
RIO(BC)	2010	General Area	ECM(Engine Control Module)	Read Fault Code	
RIO(BC)	2010	General Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(BC)	2010	General Area	ECM(Engine Control Module)	Read Data Stream	
RIO(BC)	2010	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
RIO(BC)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(BC)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(BC)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(BC)	2010	General Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(BC)	2010	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(BC)	2010	General Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(BC)	2009	General Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(BC)	2009	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(BC)	2009	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(BC)	2009	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(BC)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(BC)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front

model	year	area	system	function	subfunction
RIO(BC)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(BC)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(BC)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(BC)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(BC)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(BC)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(BC)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(BC)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(BC)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(BC)	2009	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(BC)	2009	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
RIO(BC)	2009	General Area	ECM(Engine Control Module)	Read Fault Code	
RIO(BC)	2009	General Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(BC)	2009	General Area	ECM(Engine Control Module)	Read Data Stream	
RIO(BC)	2009	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
RIO(BC)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(BC)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(BC)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(BC)	2009	General Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(BC)	2009	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(BC)	2009	General Area	TCM(Transmission Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
RIO(BC)	2008	General Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(BC)	2008	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(BC)	2008	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(BC)	2008	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(BC)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(BC)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(BC)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(BC)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(BC)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(BC)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(BC)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(BC)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(BC)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(BC)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(BC)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(BC)	2008	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(BC)	2008	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
RIO(BC)	2008	General Area	ECM(Engine Control Module)	Read Fault Code	
RIO(BC)	2008	General Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(BC)	2008	General Area	ECM(Engine Control Module)	Read Data Stream	
RIO(BC)	2008	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
RIO(BC)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	

model	year	area	system	function	subfunction
RIO(BC)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(BC)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(BC)	2008	General Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(BC)	2008	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(BC)	2008	General Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(BC)	2007	General Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(BC)	2007	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(BC)	2007	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(BC)	2007	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(BC)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(BC)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(BC)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(BC)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(BC)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(BC)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(BC)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(BC)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(BC)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(BC)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(BC)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(BC)	2007	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(BC)	2007	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving

model	year	area	system	function	subfunction
RIO(BC)	2007	General Area	ECM(Engine Control Module)	Read Fault Code	
RIO(BC)	2007	General Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(BC)	2007	General Area	ECM(Engine Control Module)	Read Data Stream	
RIO(BC)	2007	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
RIO(BC)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(BC)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(BC)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(BC)	2007	General Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(BC)	2007	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(BC)	2007	General Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(BC)	2006	General Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(BC)	2006	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(BC)	2006	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(BC)	2006	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(BC)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(BC)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(BC)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(BC)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(BC)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(BC)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(BC)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front

model	year	area	system	function	subfunction
RIO(BC)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(BC)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(BC)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(BC)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(BC)	2006	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(BC)	2006	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
RIO(BC)	2006	General Area	ECM(Engine Control Module)	Read Fault Code	
RIO(BC)	2006	General Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(BC)	2006	General Area	ECM(Engine Control Module)	Read Data Stream	
RIO(BC)	2006	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
RIO(BC)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(BC)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(BC)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(BC)	2006	General Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(BC)	2006	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(BC)	2006	General Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(BC)	2005	General Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(BC)	2005	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(BC)	2005	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(BC)	2005	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(BC)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor

model	year	area	system	function	subfunction
RIO(BC)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(BC)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(BC)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(BC)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(BC)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(BC)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(BC)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(BC)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(BC)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(BC)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(BC)	2005	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(BC)	2005	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
RIO(BC)	2005	General Area	ECM(Engine Control Module)	Read Fault Code	
RIO(BC)	2005	General Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(BC)	2005	General Area	ECM(Engine Control Module)	Read Data Stream	
RIO(BC)	2005	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
RIO(BC)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(BC)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(BC)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(BC)	2005	General Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(BC)	2005	General Area	TCM(Transmission Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
RIO(BC)	2005	General Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(BC)	2004	General Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(BC)	2004	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(BC)	2004	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(BC)	2004	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(BC)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(BC)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(BC)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(BC)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(BC)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(BC)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(BC)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(BC)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(BC)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(BC)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(BC)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(BC)	2004	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(BC)	2004	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
RIO(BC)	2004	General Area	ECM(Engine Control Module)	Read Fault Code	
RIO(BC)	2004	General Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(BC)	2004	General Area	ECM(Engine Control Module)	Read Data Stream	
RIO(BC)	2004	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment

model	year	area	system	function	subfunction
RIO(BC)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(BC)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(BC)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(BC)	2004	General Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(BC)	2004	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(BC)	2004	General Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(BC)	2003	General Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(BC)	2003	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(BC)	2003	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(BC)	2003	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(BC)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(BC)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(BC)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(BC)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(BC)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(BC)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(BC)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(BC)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(BC)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(BC)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(BC)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front

model	year	area	system	function	subfunction
RIO(BC)	2003	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(BC)	2003	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
RIO(BC)	2003	General Area	ECM(Engine Control Module)	Read Fault Code	
RIO(BC)	2003	General Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(BC)	2003	General Area	ECM(Engine Control Module)	Read Data Stream	
RIO(BC)	2003	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
RIO(BC)	2003	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(BC)	2003	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(BC)	2003	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(BC)	2003	General Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(BC)	2003	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(BC)	2003	General Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(BC)	2002	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(BC)	2002	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(BC)	2002	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(BC)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE/MOTOR
RIO(BC)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE/MOTOR
RIO(BC)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE/MOTOR
RIO(BC)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE/MOTOR
RIO(BC)	2002	General Area	ECM(Engine Control Module)	Read Fault Code	
RIO(BC)	2002	General Area	ECM(Engine Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
RIO(BC)	2002	General Area	ECM(Engine Control Module)	Read Data Stream	
RIO(BC)	2002	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
RIO(BC)	2002	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(BC)	2002	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(BC)	2002	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(BC)	2002	General Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(BC)	2002	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(BC)	2002	General Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(BC)	2001	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(BC)	2001	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(BC)	2001	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(BC)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE/MOTOR
RIO(BC)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE/MOTOR
RIO(BC)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE/MOTOR
RIO(BC)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE/MOTOR
RIO(BC)	2001	General Area	ECM(Engine Control Module)	Read Fault Code	
RIO(BC)	2001	General Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(BC)	2001	General Area	ECM(Engine Control Module)	Read Data Stream	
RIO(BC)	2001	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
RIO(BC)	2001	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	

model	year	area	system	function	subfunction
RIO(BC)	2001	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(BC)	2001	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(BC)	2001	General Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(BC)	2001	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(BC)	2001	General Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(BC)	2000	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(BC)	2000	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(BC)	2000	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(BC)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE/MOTOR
RIO(BC)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE/MOTOR
RIO(BC)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE/MOTOR
RIO(BC)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE/MOTOR
RIO(BC)	2000	General Area	ECM(Engine Control Module)	Read Fault Code	
RIO(BC)	2000	General Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(BC)	2000	General Area	ECM(Engine Control Module)	Read Data Stream	
RIO(BC)	2000	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
RIO(BC)	2000	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(BC)	2000	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(BC)	2000	General Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(BC)	2000	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(BC)	2000	General Area	TCM(Transmission Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
RIO(JB)	2011	General Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(JB)	2011	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(JB)	2011	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(JB)	2011	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(JB)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(JB)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(JB)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(JB)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(JB)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(JB)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(JB)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(JB)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(JB)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(JB)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(JB)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(JB)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
RIO(JB)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
RIO(JB)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
RIO(JB)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
RIO(JB)	2011	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Version Information	
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Read Fault Code	
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Read Data Stream	
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater On(Diesel)
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
RIO(JB)	2011	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
RIO(JB)	2011	General Area	IMMO(Immobilizer)	Read Data	
RIO(JB)	2011	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
RIO(JB)	2011	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
RIO(JB)	2011	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
RIO(JB)	2011	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
RIO(JB)	2011	General Area	IMMO(Immobilizer)	Special Function	Teaching
RIO(JB)	2011	General Area	Power Steering	Version	
RIO(JB)	2011	General Area	Power Steering	Read Fault Code	
RIO(JB)	2011	General Area	Power Steering	Clear Fault	
RIO(JB)	2011	General Area	Power Steering	Read Data	
RIO(JB)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
RIO(JB)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(JB)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(JB)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	

model	year	area	system	function	subfunction
RIO(JB)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
RIO(JB)	2011	General Area	TCM(Transmission Control Module)	Version Information	
RIO(JB)	2011	General Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(JB)	2011	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(JB)	2011	General Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(JB)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-A
RIO(JB)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-B
RIO(JB)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-C
RIO(JB)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
RIO(JB)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
RIO(JB)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
RIO(JB)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
RIO(JB)	2011	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
RIO(JB)	2010	General Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(JB)	2010	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(JB)	2010	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(JB)	2010	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(JB)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(JB)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(JB)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(JB)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear

model	year	area	system	function	subfunction
RIO(JB)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(JB)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(JB)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(JB)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(JB)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(JB)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(JB)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(JB)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
RIO(JB)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
RIO(JB)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
RIO(JB)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
RIO(JB)	2010	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Version Information	
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Read Fault Code	
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Read Data Stream	
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater On(Diesel)
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay

model	year	area	system	function	subfunction
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data

model	year	area	system	function	subfunction
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
RIO(JB)	2010	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
RIO(JB)	2010	General Area	IMMO(Immobilizer)	Read Data	
RIO(JB)	2010	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
RIO(JB)	2010	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
RIO(JB)	2010	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
RIO(JB)	2010	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
RIO(JB)	2010	General Area	IMMO(Immobilizer)	Special Function	Teaching
RIO(JB)	2010	General Area	Power Steering	Version	
RIO(JB)	2010	General Area	Power Steering	Read Fault Code	
RIO(JB)	2010	General Area	Power Steering	Clear Fault	
RIO(JB)	2010	General Area	Power Steering	Read Data	
RIO(JB)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
RIO(JB)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(JB)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(JB)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(JB)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
RIO(JB)	2010	General Area	TCM(Transmission Control Module)	Version Information	
RIO(JB)	2010	General Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(JB)	2010	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(JB)	2010	General Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(JB)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-A
RIO(JB)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-B

model	year	area	system	function	subfunction
RIO(JB)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-C
RIO(JB)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
RIO(JB)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
RIO(JB)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
RIO(JB)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
RIO(JB)	2010	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
RIO(JB)	2009	General Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(JB)	2009	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(JB)	2009	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(JB)	2009	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(JB)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(JB)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(JB)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(JB)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(JB)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(JB)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(JB)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(JB)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(JB)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(JB)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(JB)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(JB)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front

model	year	area	system	function	subfunction
RIO(JB)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
RIO(JB)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
RIO(JB)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
RIO(JB)	2009	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Version Information	
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Read Fault Code	
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Read Data Stream	
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater On(Diesel)
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay

model	year	area	system	function	subfunction
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
RIO(JB)	2009	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
RIO(JB)	2009	General Area	IMMO(Immobilizer)	Read Data	
RIO(JB)	2009	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
RIO(JB)	2009	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
RIO(JB)	2009	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
RIO(JB)	2009	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
RIO(JB)	2009	General Area	IMMO(Immobilizer)	Special Function	Teaching

model	year	area	system	function	subfunction
RIO(JB)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
RIO(JB)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(JB)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(JB)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(JB)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
RIO(JB)	2009	General Area	TCM(Transmission Control Module)	Version Information	
RIO(JB)	2009	General Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(JB)	2009	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(JB)	2009	General Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(JB)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-A
RIO(JB)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-B
RIO(JB)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-C
RIO(JB)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
RIO(JB)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
RIO(JB)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
RIO(JB)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
RIO(JB)	2009	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
RIO(JB)	2008	General Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(JB)	2008	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	

model	year	area	system	function	subfunction
RIO(JB)	2008	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(JB)	2008	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(JB)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(JB)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(JB)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(JB)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(JB)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(JB)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(JB)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(JB)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(JB)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(JB)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(JB)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(JB)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
RIO(JB)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
RIO(JB)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
RIO(JB)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
RIO(JB)	2008	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Version Information	
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Read Fault Code	
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Read Data Stream	
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay

model	year	area	system	function	subfunction
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater On(Diesel)
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
RIO(JB)	2008	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
RIO(JB)	2008	General Area	IMMO(Immobilizer)	Read Data	
RIO(JB)	2008	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
RIO(JB)	2008	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
RIO(JB)	2008	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
RIO(JB)	2008	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
RIO(JB)	2008	General Area	IMMO(Immobilizer)	Special Function	Teaching
RIO(JB)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
RIO(JB)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(JB)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(JB)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(JB)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
RIO(JB)	2008	General Area	TCM(Transmission Control Module)	Version Information	
RIO(JB)	2008	General Area	TCM(Transmission Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
RIO(JB)	2008	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(JB)	2008	General Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(JB)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-A
RIO(JB)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-B
RIO(JB)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-C
RIO(JB)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
RIO(JB)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
RIO(JB)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
RIO(JB)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
RIO(JB)	2008	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
RIO(JB)	2007	General Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(JB)	2007	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(JB)	2007	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(JB)	2007	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(JB)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(JB)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(JB)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(JB)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(JB)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(JB)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(JB)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(JB)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear

model	year	area	system	function	subfunction
RIO(JB)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(JB)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(JB)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(JB)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
RIO(JB)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
RIO(JB)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
RIO(JB)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
RIO(JB)	2007	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Version Information	
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Read Fault Code	
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Read Data Stream	
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater On(Diesel)
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)

model	year	area	system	function	subfunction
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
RIO(JB)	2007	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
RIO(JB)	2007	General Area	IMMO(Immobilizer)	Read Data	
RIO(JB)	2007	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin

model	year	area	system	function	subfunction
RIO(JB)	2007	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
RIO(JB)	2007	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
RIO(JB)	2007	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
RIO(JB)	2007	General Area	IMMO(Immobilizer)	Special Function	Teaching
RIO(JB)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
RIO(JB)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(JB)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(JB)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(JB)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
RIO(JB)	2007	General Area	TCM(Transmission Control Module)	Version Information	
RIO(JB)	2007	General Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(JB)	2007	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(JB)	2007	General Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(JB)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-A
RIO(JB)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-B
RIO(JB)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-C
RIO(JB)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
RIO(JB)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
RIO(JB)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
RIO(JB)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
RIO(JB)	2007	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values

model	year	area	system	function	subfunction
RIO(JB)	2006	General Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(JB)	2006	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(JB)	2006	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(JB)	2006	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(JB)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(JB)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(JB)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(JB)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(JB)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(JB)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(JB)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(JB)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(JB)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(JB)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(JB)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(JB)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
RIO(JB)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
RIO(JB)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
RIO(JB)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
RIO(JB)	2006	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Version Information	
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Read Fault Code	
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Read Data Stream	
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater On(Diesel)
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
RIO(JB)	2006	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
RIO(JB)	2006	General Area	IMMO(Immobilizer)	Read Data	
RIO(JB)	2006	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
RIO(JB)	2006	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
RIO(JB)	2006	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
RIO(JB)	2006	General Area	IMMO(Immobilizer)	Special Function	Teaching
RIO(JB)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
RIO(JB)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(JB)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(JB)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(JB)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
RIO(JB)	2006	General Area	TCM(Transmission Control Module)	Version Information	

model	year	area	system	function	subfunction
RIO(JB)	2006	General Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(JB)	2006	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(JB)	2006	General Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(JB)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-A
RIO(JB)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-B
RIO(JB)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-C
RIO(JB)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
RIO(JB)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
RIO(JB)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
RIO(JB)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
RIO(JB)	2006	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
RIO(JB)	2005	General Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(JB)	2005	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(JB)	2005	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(JB)	2005	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(JB)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(JB)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(JB)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(JB)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(JB)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(JB)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(JB)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front

model	year	area	system	function	subfunction
RIO(JB)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(JB)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(JB)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(JB)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(JB)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
RIO(JB)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
RIO(JB)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
RIO(JB)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
RIO(JB)	2005	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Version Information	
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Read Fault Code	
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Read Data Stream	
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater On(Diesel)
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve

model	year	area	system	function	subfunction
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
RIO(JB)	2005	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment

model	year	area	system	function	subfunction
RIO(JB)	2005	General Area	IMMO(Immobilizer)	Read Data	
RIO(JB)	2005	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
RIO(JB)	2005	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
RIO(JB)	2005	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
RIO(JB)	2005	General Area	IMMO(Immobilizer)	Special Function	Teaching
RIO(JB)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
RIO(JB)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(JB)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(JB)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(JB)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
RIO(JB)	2005	General Area	TCM(Transmission Control Module)	Version Information	
RIO(JB)	2005	General Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(JB)	2005	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(JB)	2005	General Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(JB)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-A
RIO(JB)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-B
RIO(JB)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-C
RIO(JB)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
RIO(JB)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
RIO(JB)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
RIO(JB)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp

model	year	area	system	function	subfunction
RIO(JB)	2005	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
RIO(QBR)	2016	General Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(QBR)	2016	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(QBR)	2016	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(QBR)	2016	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(QBR)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(QBR)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(QBR)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(QBR)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(QBR)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(QBR)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(QBR)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(QBR)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(QBR)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(QBR)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(QBR)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(QBR)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
RIO(QBR)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
RIO(QBR)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
RIO(QBR)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
RIO(QBR)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
RIO(QBR)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)

model	year	area	system	function	subfunction
RIO(QBR)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(QBR)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Version	
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Read Fault Code	
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Clear Fault	
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Read Data	
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Vent
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Floor
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Def
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh

model	year	area	system	function	subfunction
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-VENT-0%
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-TEMP-50%
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
RIO(QBR)	2016	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
RIO(QBR)	2016	General Area	BCM(Body Control Module)	Version Information	
RIO(QBR)	2016	General Area	BCM(Body Control Module)	Read Fault Code	
RIO(QBR)	2016	General Area	BCM(Body Control Module)	Clear Fault Memory	
RIO(QBR)	2016	General Area	BCM(Body Control Module)	Read Data Stream	
RIO(QBR)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Output
RIO(QBR)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Output
RIO(QBR)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Output
RIO(QBR)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Window Output
RIO(QBR)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output

model	year	area	system	function	subfunction
RIO(QBR)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Output
RIO(QBR)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low GND Control Output
RIO(QBR)	2016	General Area	BCM(Body Control Module)	Actuation Test	Hazard Output(+RK)
RIO(QBR)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Output
RIO(QBR)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Output
RIO(QBR)	2016	General Area	BCM(Body Control Module)	Actuation Test	Parking Assist System Buzzer
RIO(QBR)	2016	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
RIO(QBR)	2016	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut
RIO(QBR)	2016	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
RIO(QBR)	2016	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
RIO(QBR)	2016	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Version Information	
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Read Fault Code	
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Read Data Stream	
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)

model	year	area	system	function	subfunction
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve

model	year	area	system	function	subfunction
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8

model	year	area	system	function	subfunction
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2

model	year	area	system	function	subfunction
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Special Function	Read VIN
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Special Function	Write VIN
RIO(QBR)	2016	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
RIO(QBR)	2016	General Area	IMMO(Immobilizer)	Read Data	
RIO(QBR)	2016	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
RIO(QBR)	2016	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
RIO(QBR)	2016	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode

model	year	area	system	function	subfunction
RIO(QBR)	2016	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
RIO(QBR)	2016	General Area	IMMO(Immobilizer)	Special Function	Teaching
RIO(QBR)	2016	General Area	Smart Key Unit	Version	
RIO(QBR)	2016	General Area	Smart Key Unit	Read Fault Code	
RIO(QBR)	2016	General Area	Smart Key Unit	Clear Fault	
RIO(QBR)	2016	General Area	Smart Key Unit	Read Data	
RIO(QBR)	2016	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
RIO(QBR)	2016	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
RIO(QBR)	2016	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
RIO(QBR)	2016	General Area	Smart Key Unit	Actuation Test	ACC Relay
RIO(QBR)	2016	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
RIO(QBR)	2016	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
RIO(QBR)	2016	General Area	Smart Key Unit	Actuation Test	START Relay
RIO(QBR)	2016	General Area	Smart Key Unit	Actuation Test	External Buzzer
RIO(QBR)	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
RIO(QBR)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
RIO(QBR)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
RIO(QBR)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
RIO(QBR)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
RIO(QBR)	2016	General Area	Smart Key Unit	Actuation Test	Trunk Antenna(Sedan Only)
RIO(QBR)	2016	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
RIO(QBR)	2016	General Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna
RIO(QBR)	2016	General Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
RIO(QBR)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
RIO(QBR)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(QBR)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(QBR)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	

model	year	area	system	function	subfunction
RIO(QBR)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
RIO(QBR)	2016	General Area	TCM(Transmission Control Module)	Version Information	
RIO(QBR)	2016	General Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(QBR)	2016	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(QBR)	2016	General Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(QBR)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
RIO(QBR)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
RIO(QBR)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
RIO(QBR)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
RIO(QBR)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
RIO(QBR)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
RIO(QBR)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
RIO(QBR)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
RIO(QBR)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
RIO(QBR)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR

model	year	area	system	function	subfunction
RIO(QBR)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE
RIO(QBR)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
RIO(QBR)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
RIO(QBR)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
RIO(QBR)	2016	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
RIO(QBR)	2015	General Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(QBR)	2015	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(QBR)	2015	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(QBR)	2015	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(QBR)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(QBR)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(QBR)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(QBR)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(QBR)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(QBR)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(QBR)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(QBR)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(QBR)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(QBR)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(QBR)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(QBR)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)

model	year	area	system	function	subfunction
RIO(QBR)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
RIO(QBR)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
RIO(QBR)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
RIO(QBR)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
RIO(QBR)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
RIO(QBR)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(QBR)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Version	
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Read Fault Code	
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Clear Fault	
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Read Data	
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor

model	year	area	system	function	subfunction
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Vent
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Floor
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Def
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-VENT-0%
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-TEMP-50%
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
RIO(QBR)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
RIO(QBR)	2015	General Area	BCM(Body Control Module)	Version Information	
RIO(QBR)	2015	General Area	BCM(Body Control Module)	Read Fault Code	
RIO(QBR)	2015	General Area	BCM(Body Control Module)	Clear Fault Memory	
RIO(QBR)	2015	General Area	BCM(Body Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
RIO(QBR)	2015	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Output
RIO(QBR)	2015	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Output
RIO(QBR)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Output
RIO(QBR)	2015	General Area	BCM(Body Control Module)	Actuation Test	Power Window Output
RIO(QBR)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
RIO(QBR)	2015	General Area	BCM(Body Control Module)	Actuation Test	Hazard Output(+RK)
RIO(QBR)	2015	General Area	BCM(Body Control Module)	Actuation Test	Parking Assist System Buzzer
RIO(QBR)	2015	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
RIO(QBR)	2015	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut
RIO(QBR)	2015	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
RIO(QBR)	2015	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
RIO(QBR)	2015	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Version Information	
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Read Fault Code	
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Read Data Stream	
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)

model	year	area	system	function	subfunction
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve

model	year	area	system	function	subfunction
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8

model	year	area	system	function	subfunction
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2

model	year	area	system	function	subfunction
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Special Function	Read VIN
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Special Function	Write VIN
RIO(QBR)	2015	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
RIO(QBR)	2015	General Area	IMMO(Immobilizer)	Read Data	
RIO(QBR)	2015	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
RIO(QBR)	2015	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
RIO(QBR)	2015	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode

model	year	area	system	function	subfunction
RIO(QBR)	2015	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
RIO(QBR)	2015	General Area	IMMO(Immobilizer)	Special Function	Teaching
RIO(QBR)	2015	General Area	Smart Key Unit	Version	
RIO(QBR)	2015	General Area	Smart Key Unit	Read Fault Code	
RIO(QBR)	2015	General Area	Smart Key Unit	Clear Fault	
RIO(QBR)	2015	General Area	Smart Key Unit	Read Data	
RIO(QBR)	2015	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
RIO(QBR)	2015	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
RIO(QBR)	2015	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
RIO(QBR)	2015	General Area	Smart Key Unit	Actuation Test	ACC Relay
RIO(QBR)	2015	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
RIO(QBR)	2015	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
RIO(QBR)	2015	General Area	Smart Key Unit	Actuation Test	START Relay
RIO(QBR)	2015	General Area	Smart Key Unit	Actuation Test	External Buzzer
RIO(QBR)	2015	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
RIO(QBR)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
RIO(QBR)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna
RIO(QBR)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna
RIO(QBR)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna 3(RV/Hatchback Only)
RIO(QBR)	2015	General Area	Smart Key Unit	Actuation Test	Trunk Antenna(Sedan Only)
RIO(QBR)	2015	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
RIO(QBR)	2015	General Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna
RIO(QBR)	2015	General Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
RIO(QBR)	2015	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
RIO(QBR)	2015	General Area	Smart Key Unit	Special Function	Neutralization Mode
RIO(QBR)	2015	General Area	Smart Key Unit	Special Function	SMK Status Information
RIO(QBR)	2015	General Area	Smart Key Unit	Special Function	ESCL Status Information
RIO(QBR)	2015	General Area	Smart Key Unit	Special Function	FOB KEY Status Information

model	year	area	system	function	subfunction
RIO(QBR)	2015	General Area	Smart Key Unit	Special Function	Current FOB Key Check
RIO(QBR)	2015	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
RIO(QBR)	2015	General Area	Smart Key Unit	Special Function	Antenna Status Check
RIO(QBR)	2015	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
RIO(QBR)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
RIO(QBR)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(QBR)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(QBR)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(QBR)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
RIO(QBR)	2015	General Area	TCM(Transmission Control Module)	Version Information	
RIO(QBR)	2015	General Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(QBR)	2015	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(QBR)	2015	General Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(QBR)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
RIO(QBR)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
RIO(QBR)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
RIO(QBR)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)

model	year	area	system	function	subfunction
RIO(QBR)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
RIO(QBR)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
RIO(QBR)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
RIO(QBR)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
RIO(QBR)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
RIO(QBR)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
RIO(QBR)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE
RIO(QBR)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
RIO(QBR)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
RIO(QBR)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
RIO(QBR)	2015	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
RIO(QBR)	2014	General Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(QBR)	2014	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(QBR)	2014	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(QBR)	2014	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(QBR)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(QBR)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front

model	year	area	system	function	subfunction
RIO(QBR)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(QBR)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(QBR)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(QBR)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(QBR)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(QBR)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(QBR)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(QBR)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(QBR)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(QBR)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
RIO(QBR)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
RIO(QBR)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
RIO(QBR)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
RIO(QBR)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
RIO(QBR)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
RIO(QBR)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(QBR)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Version	
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Read Fault Code	
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Clear Fault	
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Read Data	
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low

model	year	area	system	function	subfunction
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Vent
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Floor
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Def
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-VENT-0%
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-TEMP-50%

model	year	area	system	function	subfunction
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
RIO(QBR)	2014	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
RIO(QBR)	2014	General Area	BCM(Body Control Module)	Version Information	
RIO(QBR)	2014	General Area	BCM(Body Control Module)	Read Fault Code	
RIO(QBR)	2014	General Area	BCM(Body Control Module)	Clear Fault Memory	
RIO(QBR)	2014	General Area	BCM(Body Control Module)	Read Data Stream	
RIO(QBR)	2014	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Output
RIO(QBR)	2014	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Output
RIO(QBR)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Output
RIO(QBR)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Window Output
RIO(QBR)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
RIO(QBR)	2014	General Area	BCM(Body Control Module)	Actuation Test	Hazard Output(+RK)
RIO(QBR)	2014	General Area	BCM(Body Control Module)	Actuation Test	Parking Assist System Buzzer
RIO(QBR)	2014	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
RIO(QBR)	2014	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut
RIO(QBR)	2014	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
RIO(QBR)	2014	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
RIO(QBR)	2014	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Version Information	

model	year	area	system	function	subfunction
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Read Fault Code	
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Read Data Stream	
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High

model	year	area	system	function	subfunction
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters

model	year	area	system	function	subfunction
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4

model	year	area	system	function	subfunction
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Special Function	Read VIN
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Special Function	Write VIN
RIO(QBR)	2014	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
RIO(QBR)	2014	General Area	IMMO(Immobilizer)	Read Data	
RIO(QBR)	2014	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
RIO(QBR)	2014	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
RIO(QBR)	2014	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
RIO(QBR)	2014	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
RIO(QBR)	2014	General Area	IMMO(Immobilizer)	Special Function	Teaching
RIO(QBR)	2014	General Area	Smart Key Unit	Version	
RIO(QBR)	2014	General Area	Smart Key Unit	Read Fault Code	
RIO(QBR)	2014	General Area	Smart Key Unit	Clear Fault	
RIO(QBR)	2014	General Area	Smart Key Unit	Read Data	
RIO(QBR)	2014	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
RIO(QBR)	2014	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
RIO(QBR)	2014	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
RIO(QBR)	2014	General Area	Smart Key Unit	Actuation Test	ACC Relay
RIO(QBR)	2014	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
RIO(QBR)	2014	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
RIO(QBR)	2014	General Area	Smart Key Unit	Actuation Test	START Relay
RIO(QBR)	2014	General Area	Smart Key Unit	Actuation Test	External Buzzer
RIO(QBR)	2014	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
RIO(QBR)	2014	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
RIO(QBR)	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna
RIO(QBR)	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna

model	year	area	system	function	subfunction
RIO(QBR)	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna 3(RV/Hatchback Only)
RIO(QBR)	2014	General Area	Smart Key Unit	Actuation Test	Trunk Antenna(Sedan Only)
RIO(QBR)	2014	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
RIO(QBR)	2014	General Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna
RIO(QBR)	2014	General Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
RIO(QBR)	2014	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
RIO(QBR)	2014	General Area	Smart Key Unit	Special Function	Neutralization Mode
RIO(QBR)	2014	General Area	Smart Key Unit	Special Function	SMK Status Information
RIO(QBR)	2014	General Area	Smart Key Unit	Special Function	ESCL Status Information
RIO(QBR)	2014	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
RIO(QBR)	2014	General Area	Smart Key Unit	Special Function	Current FOB Key Check
RIO(QBR)	2014	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
RIO(QBR)	2014	General Area	Smart Key Unit	Special Function	Antenna Status Check
RIO(QBR)	2014	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
RIO(QBR)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
RIO(QBR)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(QBR)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(QBR)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(QBR)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding

model	year	area	system	function	subfunction
RIO(QBR)	2014	General Area	TCM(Transmission Control Module)	Version Information	
RIO(QBR)	2014	General Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(QBR)	2014	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(QBR)	2014	General Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(QBR)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
RIO(QBR)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
RIO(QBR)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE
RIO(QBR)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
RIO(QBR)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
RIO(QBR)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
RIO(QBR)	2014	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
RIO(QBR)	2013	General Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(QBR)	2013	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(QBR)	2013	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(QBR)	2013	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(QBR)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(QBR)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(QBR)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(QBR)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear

model	year	area	system	function	subfunction
RIO(QBR)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(QBR)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(QBR)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(QBR)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(QBR)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(QBR)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(QBR)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(QBR)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
RIO(QBR)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
RIO(QBR)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
RIO(QBR)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
RIO(QBR)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
RIO(QBR)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
RIO(QBR)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(QBR)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Version	
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Read Fault Code	
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Clear Fault	
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Read Data	
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High

model	year	area	system	function	subfunction
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Vent
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Floor
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Def
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-VENT-0%
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-TEMP-50%
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%

model	year	area	system	function	subfunction
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
RIO(QBR)	2013	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
RIO(QBR)	2013	General Area	BCM(Body Control Module)	Version Information	
RIO(QBR)	2013	General Area	BCM(Body Control Module)	Read Fault Code	
RIO(QBR)	2013	General Area	BCM(Body Control Module)	Clear Fault Memory	
RIO(QBR)	2013	General Area	BCM(Body Control Module)	Read Data Stream	
RIO(QBR)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Output
RIO(QBR)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Output
RIO(QBR)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Output
RIO(QBR)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Window Output
RIO(QBR)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
RIO(QBR)	2013	General Area	BCM(Body Control Module)	Actuation Test	Hazard Output(+RK)
RIO(QBR)	2013	General Area	BCM(Body Control Module)	Actuation Test	Parking Assist System Buzzer
RIO(QBR)	2013	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
RIO(QBR)	2013	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut
RIO(QBR)	2013	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
RIO(QBR)	2013	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
RIO(QBR)	2013	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Version Information	
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Read Fault Code	
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Read Data Stream	
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM

model	year	area	system	function	subfunction
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor

model	year	area	system	function	subfunction
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)

model	year	area	system	function	subfunction
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Special Function	Read VIN
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Special Function	Write VIN
RIO(QBR)	2013	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
RIO(QBR)	2013	General Area	IMMO(Immobilizer)	Read Data	
RIO(QBR)	2013	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
RIO(QBR)	2013	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
RIO(QBR)	2013	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
RIO(QBR)	2013	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
RIO(QBR)	2013	General Area	IMMO(Immobilizer)	Special Function	Teaching
RIO(QBR)	2013	General Area	Smart Key Unit	Version	
RIO(QBR)	2013	General Area	Smart Key Unit	Read Fault Code	
RIO(QBR)	2013	General Area	Smart Key Unit	Clear Fault	
RIO(QBR)	2013	General Area	Smart Key Unit	Read Data	
RIO(QBR)	2013	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
RIO(QBR)	2013	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
RIO(QBR)	2013	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
RIO(QBR)	2013	General Area	Smart Key Unit	Actuation Test	ACC Relay
RIO(QBR)	2013	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
RIO(QBR)	2013	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
RIO(QBR)	2013	General Area	Smart Key Unit	Actuation Test	START Relay
RIO(QBR)	2013	General Area	Smart Key Unit	Actuation Test	External Buzzer
RIO(QBR)	2013	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
RIO(QBR)	2013	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
RIO(QBR)	2013	General Area	Smart Key Unit	Actuation Test	Interior Antenna
RIO(QBR)	2013	General Area	Smart Key Unit	Actuation Test	Interior Antenna
RIO(QBR)	2013	General Area	Smart Key Unit	Actuation Test	Interior Antenna 3(RV/Hatchback Only)

model	year	area	system	function	subfunction
RIO(QBR)	2013	General Area	Smart Key Unit	Actuation Test	Trunk Antenna(Sedan Only)
RIO(QBR)	2013	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
RIO(QBR)	2013	General Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna
RIO(QBR)	2013	General Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
RIO(QBR)	2013	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
RIO(QBR)	2013	General Area	Smart Key Unit	Special Function	Neutralization Mode
RIO(QBR)	2013	General Area	Smart Key Unit	Special Function	SMK Status Information
RIO(QBR)	2013	General Area	Smart Key Unit	Special Function	ESCL Status Information
RIO(QBR)	2013	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
RIO(QBR)	2013	General Area	Smart Key Unit	Special Function	Current FOB Key Check
RIO(QBR)	2013	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
RIO(QBR)	2013	General Area	Smart Key Unit	Special Function	Antenna Status Check
RIO(QBR)	2013	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
RIO(QBR)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
RIO(QBR)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(QBR)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(QBR)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(QBR)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
RIO(QBR)	2013	General Area	TCM(Transmission Control Module)	Version Information	

model	year	area	system	function	subfunction
RIO(QBR)	2013	General Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(QBR)	2013	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(QBR)	2013	General Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(QBR)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
RIO(QBR)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
RIO(QBR)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE
RIO(QBR)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
RIO(QBR)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
RIO(QBR)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
RIO(QBR)	2013	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
RIO(QBR)	2012	General Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(QBR)	2012	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(QBR)	2012	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(QBR)	2012	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(QBR)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(QBR)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(QBR)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(QBR)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(QBR)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear

model	year	area	system	function	subfunction
RIO(QBR)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(QBR)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(QBR)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(QBR)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(QBR)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(QBR)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(QBR)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
RIO(QBR)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
RIO(QBR)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
RIO(QBR)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
RIO(QBR)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
RIO(QBR)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
RIO(QBR)	2012	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(QBR)	2012	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Version	
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Read Fault Code	
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Clear Fault	
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Read Data	
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%

model	year	area	system	function	subfunction
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Vent
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Floor
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Def
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-VENT-0%
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-TEMP-50%
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%

model	year	area	system	function	subfunction
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
RIO(QBR)	2012	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
RIO(QBR)	2012	General Area	BCM(Body Control Module)	Version Information	
RIO(QBR)	2012	General Area	BCM(Body Control Module)	Read Fault Code	
RIO(QBR)	2012	General Area	BCM(Body Control Module)	Clear Fault Memory	
RIO(QBR)	2012	General Area	BCM(Body Control Module)	Read Data Stream	
RIO(QBR)	2012	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Output
RIO(QBR)	2012	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Output
RIO(QBR)	2012	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Output
RIO(QBR)	2012	General Area	BCM(Body Control Module)	Actuation Test	Power Window Output
RIO(QBR)	2012	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
RIO(QBR)	2012	General Area	BCM(Body Control Module)	Actuation Test	Hazard Output(+RK)
RIO(QBR)	2012	General Area	BCM(Body Control Module)	Actuation Test	Parking Assist System Buzzer
RIO(QBR)	2012	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
RIO(QBR)	2012	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut
RIO(QBR)	2012	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
RIO(QBR)	2012	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
RIO(QBR)	2012	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Version Information	
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Read Fault Code	
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail

model	year	area	system	function	subfunction
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1

model	year	area	system	function	subfunction
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction

model	year	area	system	function	subfunction
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Special Function	Read VIN

model	year	area	system	function	subfunction
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Special Function	Write VIN
RIO(QBR)	2012	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
RIO(QBR)	2012	General Area	IMMO(Immobilizer)	Read Data	
RIO(QBR)	2012	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
RIO(QBR)	2012	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
RIO(QBR)	2012	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
RIO(QBR)	2012	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
RIO(QBR)	2012	General Area	IMMO(Immobilizer)	Special Function	Teaching
RIO(QBR)	2012	General Area	Smart Key Unit	Version	
RIO(QBR)	2012	General Area	Smart Key Unit	Read Fault Code	
RIO(QBR)	2012	General Area	Smart Key Unit	Clear Fault	
RIO(QBR)	2012	General Area	Smart Key Unit	Read Data	
RIO(QBR)	2012	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
RIO(QBR)	2012	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
RIO(QBR)	2012	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
RIO(QBR)	2012	General Area	Smart Key Unit	Actuation Test	ACC Relay
RIO(QBR)	2012	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
RIO(QBR)	2012	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
RIO(QBR)	2012	General Area	Smart Key Unit	Actuation Test	START Relay
RIO(QBR)	2012	General Area	Smart Key Unit	Actuation Test	External Buzzer
RIO(QBR)	2012	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
RIO(QBR)	2012	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
RIO(QBR)	2012	General Area	Smart Key Unit	Actuation Test	Interior Antenna
RIO(QBR)	2012	General Area	Smart Key Unit	Actuation Test	Interior Antenna
RIO(QBR)	2012	General Area	Smart Key Unit	Actuation Test	Interior Antenna 3(RV/Hatchback Only)
RIO(QBR)	2012	General Area	Smart Key Unit	Actuation Test	Trunk Antenna(Sedan Only)
RIO(QBR)	2012	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna

model	year	area	system	function	subfunction
RIO(QBR)	2012	General Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna
RIO(QBR)	2012	General Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
RIO(QBR)	2012	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
RIO(QBR)	2012	General Area	Smart Key Unit	Special Function	Neutralization Mode
RIO(QBR)	2012	General Area	Smart Key Unit	Special Function	SMK Status Information
RIO(QBR)	2012	General Area	Smart Key Unit	Special Function	ESCL Status Information
RIO(QBR)	2012	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
RIO(QBR)	2012	General Area	Smart Key Unit	Special Function	Current FOB Key Check
RIO(QBR)	2012	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
RIO(QBR)	2012	General Area	Smart Key Unit	Special Function	Antenna Status Check
RIO(QBR)	2012	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
RIO(QBR)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
RIO(QBR)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(QBR)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(QBR)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(QBR)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
RIO(QBR)	2012	General Area	TCM(Transmission Control Module)	Version Information	
RIO(QBR)	2012	General Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(QBR)	2012	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(QBR)	2012	General Area	TCM(Transmission Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
RIO(QBR)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
RIO(QBR)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
RIO(QBR)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE
RIO(QBR)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
RIO(QBR)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
RIO(QBR)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
RIO(QBR)	2012	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
RIO(UB)	2016	General Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(UB)	2016	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(UB)	2016	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(UB)	2016	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(UB)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(UB)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(UB)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(UB)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(UB)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(UB)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(UB)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(UB)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear

model	year	area	system	function	subfunction
RIO(UB)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(UB)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(UB)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(UB)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
RIO(UB)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
RIO(UB)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
RIO(UB)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
RIO(UB)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
RIO(UB)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
RIO(UB)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset
RIO(UB)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(UB)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor
RIO(UB)	2016	General Area	AC(Air Conditioning)	Version	
RIO(UB)	2016	General Area	AC(Air Conditioning)	Read Fault Code	
RIO(UB)	2016	General Area	AC(Air Conditioning)	Clear Fault	
RIO(UB)	2016	General Area	AC(Air Conditioning)	Read Data	
RIO(UB)	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
RIO(UB)	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
RIO(UB)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
RIO(UB)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
RIO(UB)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
RIO(UB)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
RIO(UB)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
RIO(UB)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%

model	year	area	system	function	subfunction
RIO(UB)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
RIO(UB)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
RIO(UB)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
RIO(UB)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
RIO(UB)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
RIO(UB)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
RIO(UB)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
RIO(UB)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Vent
RIO(UB)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Floor
RIO(UB)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Def
RIO(UB)	2016	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
RIO(UB)	2016	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
RIO(UB)	2016	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
RIO(UB)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-VENT-0%
RIO(UB)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
RIO(UB)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
RIO(UB)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
RIO(UB)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-TEMP-50%
RIO(UB)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
RIO(UB)	2016	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
RIO(UB)	2016	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
RIO(UB)	2016	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)

model	year	area	system	function	subfunction
RIO(UB)	2016	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
RIO(UB)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defog
RIO(UB)	2016	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
RIO(UB)	2016	General Area	BCM(Body Control Module)	Version Information	
RIO(UB)	2016	General Area	BCM(Body Control Module)	Read Fault Code	
RIO(UB)	2016	General Area	BCM(Body Control Module)	Clear Fault Memory	
RIO(UB)	2016	General Area	BCM(Body Control Module)	Read Data Stream	
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Output
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Output
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	2-Turn Unlock/Dead Lock Output
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Output
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low Output
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Output
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	Start inhibit Output
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Window Output
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Output
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low GND Control Output
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	Hazard Output(+RK)
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output

model	year	area	system	function	subfunction
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Output
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Output
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Output
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	Defogger Output
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	DRL Europe Output(Dedicated Lamp)
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	RPAS Off Switch Indicator
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	ATM Shift Lock Solenoid
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	Static Bending Light(LHD)
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	Static Bending Light(RHD)
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	Hazard Indicator

model	year	area	system	function	subfunction
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	DRL Output(Canada)
RIO(UB)	2016	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
RIO(UB)	2016	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
RIO(UB)	2016	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Version Information	
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Read Fault Code	
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Read Data Stream	
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd

model	year	area	system	function	subfunction
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2

model	year	area	system	function	subfunction
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2

model	year	area	system	function	subfunction
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve

model	year	area	system	function	subfunction
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Electrical Water Heater
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PTC Relay
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Main Water Pump
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #1 Actuation
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #2 Actuation
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #3 Actuation
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #4 Actuation
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Relay
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GRU(Glow Relay Unit)15%Duty
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%

model	year	area	system	function	subfunction
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 10%
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 90%
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 10%
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 90%
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 10%
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 90%
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 5%
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 95%
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed PWM Output
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 5%
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 95%
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 5%
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 95%
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 5%
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 95%
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control Actuator(2000
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GRU(Glow Relay Unit)20%Duty
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass Relay
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control Relay

model	year	area	system	function	subfunction
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Special Function	Read VIN
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Special Function	Write VIN
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Special Function	ECU Learning Value Reset After Component Replacement
RIO(UB)	2016	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
RIO(UB)	2016	General Area	IMMO(Immobilizer)	Read Fault Code	
RIO(UB)	2016	General Area	IMMO(Immobilizer)	Clear Fault	
RIO(UB)	2016	General Area	IMMO(Immobilizer)	Read Data	
RIO(UB)	2016	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
RIO(UB)	2016	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
RIO(UB)	2016	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
RIO(UB)	2016	General Area	IMMO(Immobilizer)	Special Function	Teaching
RIO(UB)	2016	General Area	MDPS(Motor Driven Power Steering)	Version Information	
RIO(UB)	2016	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
RIO(UB)	2016	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
RIO(UB)	2016	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
RIO(UB)	2016	General Area	MDPS(Motor Driven Power Steering)	Actuation Test	Wheel alignment procedure
RIO(UB)	2016	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
RIO(UB)	2016	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
RIO(UB)	2016	General Area	Smart Key Unit	Version	
RIO(UB)	2016	General Area	Smart Key Unit	Read Fault Code	
RIO(UB)	2016	General Area	Smart Key Unit	Clear Fault	
RIO(UB)	2016	General Area	Smart Key Unit	Read Data	
RIO(UB)	2016	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber

model	year	area	system	function	subfunction
RIO(UB)	2016	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
RIO(UB)	2016	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
RIO(UB)	2016	General Area	Smart Key Unit	Actuation Test	ACC Relay
RIO(UB)	2016	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
RIO(UB)	2016	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
RIO(UB)	2016	General Area	Smart Key Unit	Actuation Test	START Relay
RIO(UB)	2016	General Area	Smart Key Unit	Actuation Test	External Buzzer
RIO(UB)	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
RIO(UB)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
RIO(UB)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
RIO(UB)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
RIO(UB)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna 3(RV/Hatchback Only)
RIO(UB)	2016	General Area	Smart Key Unit	Actuation Test	Trunk Antenna(Sedan Only)
RIO(UB)	2016	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
RIO(UB)	2016	General Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna
RIO(UB)	2016	General Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
RIO(UB)	2016	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
RIO(UB)	2016	General Area	Smart Key Unit	Special Function	Neutralization Mode
RIO(UB)	2016	General Area	Smart Key Unit	Special Function	SMK Status Information
RIO(UB)	2016	General Area	Smart Key Unit	Special Function	ESCL Status Information
RIO(UB)	2016	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
RIO(UB)	2016	General Area	Smart Key Unit	Special Function	Current FOB Key Check
RIO(UB)	2016	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
RIO(UB)	2016	General Area	Smart Key Unit	Special Function	Antenna Status Check
RIO(UB)	2016	General Area	Smart Key Unit	Special Function	ESCL Open Status Check

model	year	area	system	function	subfunction
RIO(UB)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
RIO(UB)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(UB)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(UB)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(UB)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
RIO(UB)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
RIO(UB)	2016	General Area	TCM(Transmission Control Module)	Version Information	
RIO(UB)	2016	General Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(UB)	2016	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(UB)	2016	General Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(UB)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
RIO(UB)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
RIO(UB)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
RIO(UB)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
RIO(UB)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
RIO(UB)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)

model	year	area	system	function	subfunction
RIO(UB)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
RIO(UB)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
RIO(UB)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
RIO(UB)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
RIO(UB)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE
RIO(UB)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
RIO(UB)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
RIO(UB)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
RIO(UB)	2016	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
RIO(UB)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
RIO(UB)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
RIO(UB)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
RIO(UB)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
RIO(UB)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
RIO(UB)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
RIO(UB)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
RIO(UB)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
RIO(UB)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear

model	year	area	system	function	subfunction
RIO(UB)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
RIO(UB)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
RIO(UB)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
RIO(UB)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
RIO(UB)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
RIO(UB)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
RIO(UB)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
RIO(UB)	2015	General Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(UB)	2015	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(UB)	2015	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(UB)	2015	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(UB)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(UB)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(UB)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(UB)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(UB)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(UB)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(UB)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(UB)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(UB)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(UB)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(UB)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(UB)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)

model	year	area	system	function	subfunction
RIO(UB)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
RIO(UB)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
RIO(UB)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
RIO(UB)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
RIO(UB)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
RIO(UB)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset
RIO(UB)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(UB)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor
RIO(UB)	2015	General Area	AC(Air Conditioning)	Version	
RIO(UB)	2015	General Area	AC(Air Conditioning)	Read Fault Code	
RIO(UB)	2015	General Area	AC(Air Conditioning)	Clear Fault	
RIO(UB)	2015	General Area	AC(Air Conditioning)	Read Data	
RIO(UB)	2015	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
RIO(UB)	2015	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
RIO(UB)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
RIO(UB)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
RIO(UB)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
RIO(UB)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
RIO(UB)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
RIO(UB)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
RIO(UB)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
RIO(UB)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
RIO(UB)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
RIO(UB)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%

model	year	area	system	function	subfunction
RIO(UB)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
RIO(UB)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
RIO(UB)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
RIO(UB)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Vent
RIO(UB)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Floor
RIO(UB)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defog
RIO(UB)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
RIO(UB)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
RIO(UB)	2015	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
RIO(UB)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-VENT-0%
RIO(UB)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
RIO(UB)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
RIO(UB)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
RIO(UB)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-TEMP-50%
RIO(UB)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
RIO(UB)	2015	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
RIO(UB)	2015	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
RIO(UB)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
RIO(UB)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
RIO(UB)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
RIO(UB)	2015	General Area	BCM(Body Control Module)	Version Information	
RIO(UB)	2015	General Area	BCM(Body Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
RIO(UB)	2015	General Area	BCM(Body Control Module)	Clear Fault Memory	
RIO(UB)	2015	General Area	BCM(Body Control Module)	Read Data Stream	
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Output
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Output
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	2-Turn Unlock/Dead Lock Output
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Output
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low Output
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Output
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	Start inhibit Output
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	Power Window Output
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Output
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low GND Control Output
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	Hazard Output(+RK)
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Output
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Output
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Output
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	Defogger Output
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output

model	year	area	system	function	subfunction
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	DRL Europe Output(Dedicated Lamp)
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	RPAS Off Switch Indicator
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	ATM Shift Lock Solenoid
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	Static Bending Light(LHD)
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	Static Bending Light(RHD)
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	Hazard Indicator
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	DRL Output(Canada)
RIO(UB)	2015	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
RIO(UB)	2015	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
RIO(UB)	2015	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving

model	year	area	system	function	subfunction
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Version Information	
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Read Fault Code	
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Read Data Stream	
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM

model	year	area	system	function	subfunction
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor

model	year	area	system	function	subfunction
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)

model	year	area	system	function	subfunction
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Electrical Water Heater
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	PTC Relay
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Main Water Pump
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector #1 Actuation
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector #2 Actuation
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector #3 Actuation
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector #4 Actuation
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Relay
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GRU(Glow Relay Unit)15%Duty
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 10%
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 90%
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 10%
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 90%
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 10%

model	year	area	system	function	subfunction
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 90%
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 5%
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 95%
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed PWM Output
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 5%
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 95%
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 5%
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 95%
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 5%
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 95%
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control Actuator(2000
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GRU(Glow Relay Unit)20%Duty
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass Relay
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control Relay
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Special Function	Read VIN
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Special Function	Write VIN
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data

model	year	area	system	function	subfunction
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Special Function	ECU Tuning Data Confirm
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Special Function	Fuel Line Air Remove
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Special Function	Essential Work After Component Replacement
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Special Function	ECU Learning Value Reset After Component Replacement
RIO(UB)	2015	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
RIO(UB)	2015	General Area	IMMO(Immobilizer)	Read Fault Code	
RIO(UB)	2015	General Area	IMMO(Immobilizer)	Clear Fault	
RIO(UB)	2015	General Area	IMMO(Immobilizer)	Read Data	
RIO(UB)	2015	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
RIO(UB)	2015	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
RIO(UB)	2015	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
RIO(UB)	2015	General Area	IMMO(Immobilizer)	Special Function	Teaching
RIO(UB)	2015	General Area	MDPS(Motor Driven Power Steering)	Version Information	
RIO(UB)	2015	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
RIO(UB)	2015	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
RIO(UB)	2015	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
RIO(UB)	2015	General Area	MDPS(Motor Driven Power Steering)	Actuation Test	Wheel alignment procedure
RIO(UB)	2015	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
RIO(UB)	2015	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
RIO(UB)	2015	General Area	Smart Key Unit	Version	
RIO(UB)	2015	General Area	Smart Key Unit	Read Fault Code	
RIO(UB)	2015	General Area	Smart Key Unit	Clear Fault	
RIO(UB)	2015	General Area	Smart Key Unit	Read Data	
RIO(UB)	2015	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
RIO(UB)	2015	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green

model	year	area	system	function	subfunction
RIO(UB)	2015	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
RIO(UB)	2015	General Area	Smart Key Unit	Actuation Test	ACC Relay
RIO(UB)	2015	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
RIO(UB)	2015	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
RIO(UB)	2015	General Area	Smart Key Unit	Actuation Test	START Relay
RIO(UB)	2015	General Area	Smart Key Unit	Actuation Test	External Buzzer
RIO(UB)	2015	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
RIO(UB)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
RIO(UB)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna
RIO(UB)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna
RIO(UB)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna 3(RV/Hatchback Only)
RIO(UB)	2015	General Area	Smart Key Unit	Actuation Test	Trunk Antenna(Sedan Only)
RIO(UB)	2015	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
RIO(UB)	2015	General Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna
RIO(UB)	2015	General Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
RIO(UB)	2015	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
RIO(UB)	2015	General Area	Smart Key Unit	Special Function	Neutralization Mode
RIO(UB)	2015	General Area	Smart Key Unit	Special Function	SMK Status Information
RIO(UB)	2015	General Area	Smart Key Unit	Special Function	ESCL Status Information
RIO(UB)	2015	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
RIO(UB)	2015	General Area	Smart Key Unit	Special Function	Current FOB Key Check
RIO(UB)	2015	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
RIO(UB)	2015	General Area	Smart Key Unit	Special Function	Antenna Status Check
RIO(UB)	2015	General Area	Smart Key Unit	Special Function	ESCL Open Status Check

model	year	area	system	function	subfunction
RIO(UB)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
RIO(UB)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(UB)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(UB)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(UB)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
RIO(UB)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
RIO(UB)	2015	General Area	TCM(Transmission Control Module)	Version Information	
RIO(UB)	2015	General Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(UB)	2015	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(UB)	2015	General Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(UB)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
RIO(UB)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
RIO(UB)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
RIO(UB)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
RIO(UB)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
RIO(UB)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)

model	year	area	system	function	subfunction
RIO(UB)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
RIO(UB)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
RIO(UB)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
RIO(UB)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
RIO(UB)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE
RIO(UB)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
RIO(UB)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
RIO(UB)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
RIO(UB)	2015	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
RIO(UB)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
RIO(UB)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
RIO(UB)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
RIO(UB)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
RIO(UB)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
RIO(UB)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
RIO(UB)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
RIO(UB)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
RIO(UB)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear

model	year	area	system	function	subfunction
RIO(UB)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
RIO(UB)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
RIO(UB)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
RIO(UB)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
RIO(UB)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
RIO(UB)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
RIO(UB)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
RIO(UB)	2014	General Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(UB)	2014	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(UB)	2014	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(UB)	2014	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(UB)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(UB)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(UB)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(UB)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(UB)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(UB)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(UB)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(UB)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(UB)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(UB)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(UB)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(UB)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)

model	year	area	system	function	subfunction
RIO(UB)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
RIO(UB)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
RIO(UB)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
RIO(UB)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
RIO(UB)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
RIO(UB)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset
RIO(UB)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(UB)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor
RIO(UB)	2014	General Area	AC(Air Conditioning)	Version	
RIO(UB)	2014	General Area	AC(Air Conditioning)	Read Fault Code	
RIO(UB)	2014	General Area	AC(Air Conditioning)	Clear Fault	
RIO(UB)	2014	General Area	AC(Air Conditioning)	Read Data	
RIO(UB)	2014	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
RIO(UB)	2014	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
RIO(UB)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
RIO(UB)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
RIO(UB)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
RIO(UB)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
RIO(UB)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
RIO(UB)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
RIO(UB)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
RIO(UB)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
RIO(UB)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
RIO(UB)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%

model	year	area	system	function	subfunction
RIO(UB)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
RIO(UB)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
RIO(UB)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
RIO(UB)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Vent
RIO(UB)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Floor
RIO(UB)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Def
RIO(UB)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
RIO(UB)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
RIO(UB)	2014	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
RIO(UB)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-VENT-0%
RIO(UB)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
RIO(UB)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
RIO(UB)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
RIO(UB)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-TEMP-50%
RIO(UB)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
RIO(UB)	2014	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
RIO(UB)	2014	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
RIO(UB)	2014	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
RIO(UB)	2014	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
RIO(UB)	2014	General Area	BCM(Body Control Module)	Version Information	
RIO(UB)	2014	General Area	BCM(Body Control Module)	Read Fault Code	
RIO(UB)	2014	General Area	BCM(Body Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
RIO(UB)	2014	General Area	BCM(Body Control Module)	Read Data Stream	
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Output
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Output
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	2-Turn Unlock/Dead Lock Output
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Output
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low Output
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Output
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	Start inhibit Output
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Window Output
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Output
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low GND Control Output
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	Hazard Output(+RK)
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Output
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Output
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Output
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	Defogger Output
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output

model	year	area	system	function	subfunction
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	DRL Europe Output(Dedicated Lamp)
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	RPAS Off Switch Indicator
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	ATM Shift Lock Solenoid
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	Static Bending Light(LHD)
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	Static Bending Light(RHD)
RIO(UB)	2014	General Area	BCM(Body Control Module)	Actuation Test	Hazard Indicator
RIO(UB)	2014	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
RIO(UB)	2014	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Version Information	
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Read Fault Code	
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Read Data Stream	
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank

model	year	area	system	function	subfunction
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2

model	year	area	system	function	subfunction
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1

model	year	area	system	function	subfunction
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)

model	year	area	system	function	subfunction
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Throttle
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	IMV
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VGT Valve
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan2
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan1
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Power Supply Relay
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	MI Lamp
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug Lamp
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Air Conditioning Relay
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	PTC
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector #1 Actuation
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector #2 Actuation
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector #3 Actuation
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector #4 Actuation
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Special Function	Read VIN
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Special Function	Write VIN
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Special Function	ECU Initialization
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test

model	year	area	system	function	subfunction
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
RIO(UB)	2014	General Area	ECM(Engine Control Module)	Special Function	Essential Work After Component Replacement
RIO(UB)	2014	General Area	IMMO(Immobilizer)	Read Fault Code	
RIO(UB)	2014	General Area	IMMO(Immobilizer)	Clear Fault	
RIO(UB)	2014	General Area	IMMO(Immobilizer)	Read Data	
RIO(UB)	2014	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
RIO(UB)	2014	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
RIO(UB)	2014	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
RIO(UB)	2014	General Area	IMMO(Immobilizer)	Special Function	Teaching
RIO(UB)	2014	General Area	MDPS(Motor Driven Power Steering)	Version Information	
RIO(UB)	2014	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
RIO(UB)	2014	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
RIO(UB)	2014	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
RIO(UB)	2014	General Area	MDPS(Motor Driven Power Steering)	Actuation Test	Wheel alignment procedure
RIO(UB)	2014	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
RIO(UB)	2014	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
RIO(UB)	2014	General Area	Smart Key Unit	Version	
RIO(UB)	2014	General Area	Smart Key Unit	Read Fault Code	
RIO(UB)	2014	General Area	Smart Key Unit	Clear Fault	
RIO(UB)	2014	General Area	Smart Key Unit	Read Data	
RIO(UB)	2014	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
RIO(UB)	2014	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
RIO(UB)	2014	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
RIO(UB)	2014	General Area	Smart Key Unit	Actuation Test	ACC Relay
RIO(UB)	2014	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
RIO(UB)	2014	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
RIO(UB)	2014	General Area	Smart Key Unit	Actuation Test	START Relay
RIO(UB)	2014	General Area	Smart Key Unit	Actuation Test	External Buzzer
RIO(UB)	2014	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
RIO(UB)	2014	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)

model	year	area	system	function	subfunction
RIO(UB)	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna
RIO(UB)	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna
RIO(UB)	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna 3(RV/Hatchback Only)
RIO(UB)	2014	General Area	Smart Key Unit	Actuation Test	Trunk Antenna(Sedan Only)
RIO(UB)	2014	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
RIO(UB)	2014	General Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna
RIO(UB)	2014	General Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
RIO(UB)	2014	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
RIO(UB)	2014	General Area	Smart Key Unit	Special Function	Neutralization Mode
RIO(UB)	2014	General Area	Smart Key Unit	Special Function	SMK Status Information
RIO(UB)	2014	General Area	Smart Key Unit	Special Function	ESCL Status Information
RIO(UB)	2014	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
RIO(UB)	2014	General Area	Smart Key Unit	Special Function	Current FOB Key Check
RIO(UB)	2014	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
RIO(UB)	2014	General Area	Smart Key Unit	Special Function	Antenna Status Check
RIO(UB)	2014	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
RIO(UB)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
RIO(UB)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(UB)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(UB)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	

model	year	area	system	function	subfunction
RIO(UB)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
RIO(UB)	2014	General Area	TCM(Transmission Control Module)	Version Information	
RIO(UB)	2014	General Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(UB)	2014	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(UB)	2014	General Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(UB)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
RIO(UB)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
RIO(UB)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
RIO(UB)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
RIO(UB)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
RIO(UB)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
RIO(UB)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
RIO(UB)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
RIO(UB)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
RIO(UB)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR

model	year	area	system	function	subfunction
RIO(UB)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE
RIO(UB)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
RIO(UB)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
RIO(UB)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
RIO(UB)	2014	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
RIO(UB)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
RIO(UB)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
RIO(UB)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
RIO(UB)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
RIO(UB)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
RIO(UB)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
RIO(UB)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
RIO(UB)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
RIO(UB)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
RIO(UB)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
RIO(UB)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
RIO(UB)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
RIO(UB)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
RIO(UB)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
RIO(UB)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
RIO(UB)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing

model	year	area	system	function	subfunction
RIO(UB)	2013	General Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(UB)	2013	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(UB)	2013	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(UB)	2013	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(UB)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(UB)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(UB)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(UB)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(UB)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(UB)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(UB)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(UB)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(UB)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(UB)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(UB)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(UB)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
RIO(UB)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
RIO(UB)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
RIO(UB)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
RIO(UB)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
RIO(UB)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)

model	year	area	system	function	subfunction
RIO(UB)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset
RIO(UB)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(UB)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor
RIO(UB)	2013	General Area	AC(Air Conditioning)	Version	
RIO(UB)	2013	General Area	AC(Air Conditioning)	Read Fault Code	
RIO(UB)	2013	General Area	AC(Air Conditioning)	Clear Fault	
RIO(UB)	2013	General Area	AC(Air Conditioning)	Read Data	
RIO(UB)	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
RIO(UB)	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
RIO(UB)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
RIO(UB)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
RIO(UB)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
RIO(UB)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
RIO(UB)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
RIO(UB)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
RIO(UB)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
RIO(UB)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
RIO(UB)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
RIO(UB)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
RIO(UB)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
RIO(UB)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
RIO(UB)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
RIO(UB)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Vent
RIO(UB)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Floor
RIO(UB)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Def

model	year	area	system	function	subfunction
RIO(UB)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
RIO(UB)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
RIO(UB)	2013	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
RIO(UB)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-VENT-0%
RIO(UB)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
RIO(UB)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
RIO(UB)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
RIO(UB)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-TEMP-50%
RIO(UB)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
RIO(UB)	2013	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
RIO(UB)	2013	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
RIO(UB)	2013	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
RIO(UB)	2013	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
RIO(UB)	2013	General Area	BCM(Body Control Module)	Version Information	
RIO(UB)	2013	General Area	BCM(Body Control Module)	Read Fault Code	
RIO(UB)	2013	General Area	BCM(Body Control Module)	Clear Fault Memory	
RIO(UB)	2013	General Area	BCM(Body Control Module)	Read Data Stream	
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Output
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Output
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	2-Turn Unlock/Dead Lock Output
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Output
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low Output

model	year	area	system	function	subfunction
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Output
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	Start inhibit Output
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Window Output
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Output
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low GND Control Output
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	Hazard Output(+RK)
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Output
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Output
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Output
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	Defogger Output
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	DRL Europe Output(Dedicated Lamp)
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	RPAS Off Switch Indicator
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator

model	year	area	system	function	subfunction
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	ATM Shift Lock Solenoid
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	Static Bending Light(LHD)
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	Static Bending Light(RHD)
RIO(UB)	2013	General Area	BCM(Body Control Module)	Actuation Test	Hazard Indicator
RIO(UB)	2013	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
RIO(UB)	2013	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Version Information	
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Read Fault Code	
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Read Data Stream	
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)

model	year	area	system	function	subfunction
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)

model	year	area	system	function	subfunction
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7

model	year	area	system	function	subfunction
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2

model	year	area	system	function	subfunction
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Throttle
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	IMV
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VGT Valve
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan2
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan1

model	year	area	system	function	subfunction
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Power Supply Relay
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	MI Lamp
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug Lamp
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Air Conditioning Relay
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	PTC
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector #1 Actuation
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector #2 Actuation
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector #3 Actuation
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector #4 Actuation
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Special Function	Read VIN
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Special Function	Write VIN
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Special Function	ECU Initialization
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
RIO(UB)	2013	General Area	ECM(Engine Control Module)	Special Function	Essential Work After Component Replacement
RIO(UB)	2013	General Area	IMMO(Immobilizer)	Read Fault Code	
RIO(UB)	2013	General Area	IMMO(Immobilizer)	Clear Fault	
RIO(UB)	2013	General Area	IMMO(Immobilizer)	Read Data	
RIO(UB)	2013	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
RIO(UB)	2013	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
RIO(UB)	2013	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode

model	year	area	system	function	subfunction
RIO(UB)	2013	General Area	IMMO(Immobilizer)	Special Function	Teaching
RIO(UB)	2013	General Area	MDPS(Motor Driven Power Steering)	Version Information	
RIO(UB)	2013	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
RIO(UB)	2013	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
RIO(UB)	2013	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
RIO(UB)	2013	General Area	MDPS(Motor Driven Power Steering)	Actuation Test	Wheel alignment procedure
RIO(UB)	2013	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
RIO(UB)	2013	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
RIO(UB)	2013	General Area	Smart Key Unit	Version	
RIO(UB)	2013	General Area	Smart Key Unit	Read Fault Code	
RIO(UB)	2013	General Area	Smart Key Unit	Clear Fault	
RIO(UB)	2013	General Area	Smart Key Unit	Read Data	
RIO(UB)	2013	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
RIO(UB)	2013	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
RIO(UB)	2013	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
RIO(UB)	2013	General Area	Smart Key Unit	Actuation Test	ACC Relay
RIO(UB)	2013	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
RIO(UB)	2013	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
RIO(UB)	2013	General Area	Smart Key Unit	Actuation Test	START Relay
RIO(UB)	2013	General Area	Smart Key Unit	Actuation Test	External Buzzer
RIO(UB)	2013	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
RIO(UB)	2013	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
RIO(UB)	2013	General Area	Smart Key Unit	Actuation Test	Interior Antenna
RIO(UB)	2013	General Area	Smart Key Unit	Actuation Test	Interior Antenna
RIO(UB)	2013	General Area	Smart Key Unit	Actuation Test	Interior Antenna 3(RV/Hatchback Only)
RIO(UB)	2013	General Area	Smart Key Unit	Actuation Test	Trunk Antenna(Sedan Only)
RIO(UB)	2013	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
RIO(UB)	2013	General Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna

model	year	area	system	function	subfunction
RIO(UB)	2013	General Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
RIO(UB)	2013	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
RIO(UB)	2013	General Area	Smart Key Unit	Special Function	Neutralization Mode
RIO(UB)	2013	General Area	Smart Key Unit	Special Function	SMK Status Information
RIO(UB)	2013	General Area	Smart Key Unit	Special Function	ESCL Status Information
RIO(UB)	2013	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
RIO(UB)	2013	General Area	Smart Key Unit	Special Function	Current FOB Key Check
RIO(UB)	2013	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
RIO(UB)	2013	General Area	Smart Key Unit	Special Function	Antenna Status Check
RIO(UB)	2013	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
RIO(UB)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
RIO(UB)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(UB)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(UB)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(UB)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
RIO(UB)	2013	General Area	TCM(Transmission Control Module)	Version Information	
RIO(UB)	2013	General Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(UB)	2013	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(UB)	2013	General Area	TCM(Transmission Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
RIO(UB)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
RIO(UB)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
RIO(UB)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
RIO(UB)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
RIO(UB)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
RIO(UB)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
RIO(UB)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
RIO(UB)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
RIO(UB)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
RIO(UB)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
RIO(UB)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE
RIO(UB)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
RIO(UB)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
RIO(UB)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
RIO(UB)	2013	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values

model	year	area	system	function	subfunction
RIO(UB)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
RIO(UB)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
RIO(UB)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
RIO(UB)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
RIO(UB)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
RIO(UB)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
RIO(UB)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
RIO(UB)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
RIO(UB)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
RIO(UB)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
RIO(UB)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
RIO(UB)	2012	General Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(UB)	2012	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(UB)	2012	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(UB)	2012	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(UB)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(UB)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(UB)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(UB)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(UB)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(UB)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(UB)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(UB)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear

model	year	area	system	function	subfunction
RIO(UB)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(UB)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(UB)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(UB)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
RIO(UB)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
RIO(UB)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
RIO(UB)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
RIO(UB)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
RIO(UB)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
RIO(UB)	2012	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset
RIO(UB)	2012	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(UB)	2012	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor
RIO(UB)	2012	General Area	AC(Air Conditioning)	Version	
RIO(UB)	2012	General Area	AC(Air Conditioning)	Read Fault Code	
RIO(UB)	2012	General Area	AC(Air Conditioning)	Clear Fault	
RIO(UB)	2012	General Area	AC(Air Conditioning)	Read Data	
RIO(UB)	2012	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
RIO(UB)	2012	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
RIO(UB)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
RIO(UB)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
RIO(UB)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
RIO(UB)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
RIO(UB)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
RIO(UB)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%

model	year	area	system	function	subfunction
RIO(UB)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
RIO(UB)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
RIO(UB)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
RIO(UB)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
RIO(UB)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
RIO(UB)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
RIO(UB)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
RIO(UB)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Vent
RIO(UB)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Floor
RIO(UB)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Def
RIO(UB)	2012	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
RIO(UB)	2012	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
RIO(UB)	2012	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
RIO(UB)	2012	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-VENT-0%
RIO(UB)	2012	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
RIO(UB)	2012	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
RIO(UB)	2012	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
RIO(UB)	2012	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-TEMP-50%
RIO(UB)	2012	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
RIO(UB)	2012	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
RIO(UB)	2012	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
RIO(UB)	2012	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)

model	year	area	system	function	subfunction
RIO(UB)	2012	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
RIO(UB)	2012	General Area	BCM(Body Control Module)	Version Information	
RIO(UB)	2012	General Area	BCM(Body Control Module)	Read Fault Code	
RIO(UB)	2012	General Area	BCM(Body Control Module)	Clear Fault Memory	
RIO(UB)	2012	General Area	BCM(Body Control Module)	Read Data Stream	
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Output
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Output
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	2-Turn Unlock/Dead Lock Output
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Output
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low Output
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Output
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	Start inhibit Output
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	Power Window Output
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Output
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low GND Control Output
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	Hazard Output(+RK)
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Output
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Output

model	year	area	system	function	subfunction
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Output
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	Defogger Output
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	DRL Europe Output(Dedicated Lamp)
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	RPAS Off Switch Indicator
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	ATM Shift Lock Solenoid
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	Static Bending Light(LHD)
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	Static Bending Light(RHD)
RIO(UB)	2012	General Area	BCM(Body Control Module)	Actuation Test	Hazard Indicator
RIO(UB)	2012	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
RIO(UB)	2012	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving

model	year	area	system	function	subfunction
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Version Information	
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Read Fault Code	
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Read Data Stream	
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Throttle
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	IMV
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VGT Valve
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan2
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan1
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Power Supply Relay
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	MI Lamp
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug Lamp
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Air Conditioning Relay
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	PTC
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main

model	year	area	system	function	subfunction
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)

model	year	area	system	function	subfunction
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1

model	year	area	system	function	subfunction
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1

model	year	area	system	function	subfunction
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Special Function	ECU Initialization
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Special Function	Read VIN
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Special Function	Write VIN
RIO(UB)	2012	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
RIO(UB)	2012	General Area	IMMO(Immobilizer)	Read Fault Code	
RIO(UB)	2012	General Area	IMMO(Immobilizer)	Clear Fault	
RIO(UB)	2012	General Area	IMMO(Immobilizer)	Read Data	

model	year	area	system	function	subfunction
RIO(UB)	2012	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
RIO(UB)	2012	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
RIO(UB)	2012	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
RIO(UB)	2012	General Area	IMMO(Immobilizer)	Special Function	Teaching
RIO(UB)	2012	General Area	MDPS(Motor Driven Power Steering)	Version Information	
RIO(UB)	2012	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
RIO(UB)	2012	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
RIO(UB)	2012	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
RIO(UB)	2012	General Area	MDPS(Motor Driven Power Steering)	Actuation Test	Wheel alignment procedure
RIO(UB)	2012	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
RIO(UB)	2012	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
RIO(UB)	2012	General Area	Smart Key Unit	Version	
RIO(UB)	2012	General Area	Smart Key Unit	Read Fault Code	
RIO(UB)	2012	General Area	Smart Key Unit	Clear Fault	
RIO(UB)	2012	General Area	Smart Key Unit	Read Data	
RIO(UB)	2012	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
RIO(UB)	2012	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
RIO(UB)	2012	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
RIO(UB)	2012	General Area	Smart Key Unit	Actuation Test	ACC Relay
RIO(UB)	2012	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
RIO(UB)	2012	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
RIO(UB)	2012	General Area	Smart Key Unit	Actuation Test	START Relay
RIO(UB)	2012	General Area	Smart Key Unit	Actuation Test	External Buzzer
RIO(UB)	2012	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
RIO(UB)	2012	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
RIO(UB)	2012	General Area	Smart Key Unit	Actuation Test	Interior Antenna
RIO(UB)	2012	General Area	Smart Key Unit	Actuation Test	Interior Antenna
RIO(UB)	2012	General Area	Smart Key Unit	Actuation Test	Interior Antenna 3(RV/Hatchback Only)
RIO(UB)	2012	General Area	Smart Key Unit	Actuation Test	Trunk Antenna(Sedan Only)

model	year	area	system	function	subfunction
RIO(UB)	2012	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
RIO(UB)	2012	General Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna
RIO(UB)	2012	General Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
RIO(UB)	2012	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
RIO(UB)	2012	General Area	Smart Key Unit	Special Function	Neutralization Mode
RIO(UB)	2012	General Area	Smart Key Unit	Special Function	SMK Status Information
RIO(UB)	2012	General Area	Smart Key Unit	Special Function	ESCL Status Information
RIO(UB)	2012	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
RIO(UB)	2012	General Area	Smart Key Unit	Special Function	Current FOB Key Check
RIO(UB)	2012	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
RIO(UB)	2012	General Area	Smart Key Unit	Special Function	Antenna Status Check
RIO(UB)	2012	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
RIO(UB)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
RIO(UB)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(UB)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(UB)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(UB)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
RIO(UB)	2012	General Area	TCM(Transmission Control Module)	Version Information	
RIO(UB)	2012	General Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(UB)	2012	General Area	TCM(Transmission Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
RIO(UB)	2012	General Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(UB)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
RIO(UB)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
RIO(UB)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE
RIO(UB)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
RIO(UB)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
RIO(UB)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
RIO(UB)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
RIO(UB)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
RIO(UB)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
RIO(UB)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
RIO(UB)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
RIO(UB)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
RIO(UB)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
RIO(UB)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve

model	year	area	system	function	subfunction
RIO(UB)	2012	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
RIO(UB)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
RIO(UB)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
RIO(UB)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
RIO(UB)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
RIO(UB)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
RIO(UB)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
RIO(UB)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
RIO(UB)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
RIO(UB)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
RIO(UB)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
RIO(UB)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sephia II(FB22)	2004	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sephia II(FB22)	2004	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sephia II(FB22)	2004	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sephia II(FB22)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE/MOTOR
Sephia II(FB22)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE/MOTOR
Sephia II(FB22)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE/MOTOR
Sephia II(FB22)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE/MOTOR
Sephia II(FB22)	2004	General Area	ECM(Engine Control Module)	Read Fault Code	
Sephia II(FB22)	2004	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sephia II(FB22)	2004	General Area	ECM(Engine Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Sephia II(FB22)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sephia II(FB22)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sephia II(FB22)	2004	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sephia II(FB22)	2004	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sephia II(FB22)	2004	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sephia II(FB22)	2003	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sephia II(FB22)	2003	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sephia II(FB22)	2003	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sephia II(FB22)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE/MOTOR
Sephia II(FB22)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE/MOTOR
Sephia II(FB22)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE/MOTOR
Sephia II(FB22)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE/MOTOR
Sephia II(FB22)	2003	General Area	ECM(Engine Control Module)	Read Fault Code	
Sephia II(FB22)	2003	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sephia II(FB22)	2003	General Area	ECM(Engine Control Module)	Read Data Stream	
Sephia II(FB22)	2003	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sephia II(FB22)	2003	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sephia II(FB22)	2003	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sephia II(FB22)	2003	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sephia II(FB22)	2003	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sephia II(FB22)	2002	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	

model	year	area	system	function	subfunction
Sephia II(FB22)	2002	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sephia II(FB22)	2002	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sephia II(FB22)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE/MOTOR
Sephia II(FB22)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE/MOTOR
Sephia II(FB22)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE/MOTOR
Sephia II(FB22)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE/MOTOR
Sephia II(FB22)	2002	General Area	ECM(Engine Control Module)	Read Fault Code	
Sephia II(FB22)	2002	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sephia II(FB22)	2002	General Area	ECM(Engine Control Module)	Read Data Stream	
Sephia II(FB22)	2002	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sephia II(FB22)	2002	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sephia II(FB22)	2002	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sephia II(FB22)	2002	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sephia II(FB22)	2002	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sephia II(FB22)	2001	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sephia II(FB22)	2001	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sephia II(FB22)	2001	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sephia II(FB22)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE/MOTOR
Sephia II(FB22)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE/MOTOR
Sephia II(FB22)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE/MOTOR
Sephia II(FB22)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE/MOTOR
Sephia II(FB22)	2001	General Area	ECM(Engine Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Sephia II(FB22)	2001	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sephia II(FB22)	2001	General Area	ECM(Engine Control Module)	Read Data Stream	
Sephia II(FB22)	2001	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sephia II(FB22)	2001	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sephia II(FB22)	2001	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sephia II(FB22)	2001	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sephia II(FB22)	2001	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sephia II(FB22)	2000	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sephia II(FB22)	2000	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sephia II(FB22)	2000	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sephia II(FB22)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Relay
Sephia II(FB22)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sephia II(FB22)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sephia II(FB22)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sephia II(FB22)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sephia II(FB22)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sephia II(FB22)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sephia II(FB22)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sephia II(FB22)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sephia II(FB22)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Sephia II(FB22)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Sephia II(FB22)	2000	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode

model	year	area	system	function	subfunction
Sephia II(FB22)	2000	General Area	ECM(Engine Control Module)	Read Fault Code	
Sephia II(FB22)	2000	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sephia II(FB22)	2000	General Area	ECM(Engine Control Module)	Read Data Stream	
Sephia II(FB22)	2000	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sephia II(FB22)	2000	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sephia II(FB22)	2000	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sephia II(FB22)	2000	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sephia II(FB22)	2000	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sephia II(FB22)	1999	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sephia II(FB22)	1999	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sephia II(FB22)	1999	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sephia II(FB22)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Relay
Sephia II(FB22)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sephia II(FB22)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sephia II(FB22)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sephia II(FB22)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sephia II(FB22)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sephia II(FB22)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sephia II(FB22)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sephia II(FB22)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sephia II(FB22)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Sephia II(FB22)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front

model	year	area	system	function	subfunction
Sephia II(FB22)	1999	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sephia II(FB22)	1999	General Area	ECM(Engine Control Module)	Read Fault Code	
Sephia II(FB22)	1999	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sephia II(FB22)	1999	General Area	ECM(Engine Control Module)	Read Data Stream	
Sephia II(FB22)	1999	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sephia II(FB22)	1999	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sephia II(FB22)	1999	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sephia II(FB22)	1999	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sephia II(FB22)	1999	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sephia II(FB22)	1998	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sephia II(FB22)	1998	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sephia II(FB22)	1998	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sephia II(FB22)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Relay
Sephia II(FB22)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sephia II(FB22)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sephia II(FB22)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sephia II(FB22)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sephia II(FB22)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sephia II(FB22)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sephia II(FB22)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sephia II(FB22)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sephia II(FB22)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front

model	year	area	system	function	subfunction
Sephia II(FB22)	1998	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Sephia II(FB22)	1998	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sephia II(FB22)	1998	General Area	ECM(Engine Control Module)	Read Fault Code	
Sephia II(FB22)	1998	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sephia II(FB22)	1998	General Area	ECM(Engine Control Module)	Read Data Stream	
Sephia II(FB22)	1998	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sephia II(FB22)	1998	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sephia II(FB22)	1998	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sephia II(FB22)	1998	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sephia II(FB22)	1998	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sephia(FB12)	1998	General Area	ECM(Engine Control Module)	Read Fault Code	
Sephia(FB12)	1998	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sephia(FB12)	1998	General Area	ECM(Engine Control Module)	Read Data Stream	
Sephia(FB12)	1998	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sephia(FB12)	1998	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sephia(FB12)	1998	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sephia(FB12)	1998	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sephia(FB12)	1997	General Area	ECM(Engine Control Module)	Read Fault Code	
Sephia(FB12)	1997	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sephia(FB12)	1997	General Area	ECM(Engine Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Sephia(FB12)	1997	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sephia(FB12)	1997	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sephia(FB12)	1997	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sephia(FB12)	1997	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sephia(FB12)	1996	General Area	ECM(Engine Control Module)	Read Fault Code	
Sephia(FB12)	1996	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sephia(FB12)	1996	General Area	ECM(Engine Control Module)	Read Data Stream	
Sephia(FB12)	1996	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sephia(FB12)	1996	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sephia(FB12)	1996	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sephia(FB12)	1996	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sephia(FB12)	1995	General Area	ECM(Engine Control Module)	Read Fault Code	
Sephia(FB12)	1995	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sephia(FB12)	1995	General Area	ECM(Engine Control Module)	Read Data Stream	
Sephia(FB12)	1995	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sephia(FB12)	1995	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sephia(FB12)	1995	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sephia(FB12)	1995	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Shuma/Spectra(SD)	2004	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Shuma/Spectra(SD)	2004	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Shuma/Spectra(SD)	2004	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Shuma/Spectra(SD)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE/MOTOR
Shuma/Spectra(SD)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE/MOTOR
Shuma/Spectra(SD)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE/MOTOR
Shuma/Spectra(SD)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE/MOTOR
Shuma/Spectra(SD)	2004	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Shuma/Spectra(SD)	2004	General Area	ECM(Engine Control Module)	Version Information	
Shuma/Spectra(SD)	2004	General Area	ECM(Engine Control Module)	Read Fault Code	
Shuma/Spectra(SD)	2004	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Shuma/Spectra(SD)	2004	General Area	ECM(Engine Control Module)	Read Data Stream	
Shuma/Spectra(SD)	2004	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Shuma/Spectra(SD)	2004	General Area	IMMO(Immobilizer)	Read Data Stream	
Shuma/Spectra(SD)	2004	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Shuma/Spectra(SD)	2004	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Shuma/Spectra(SD)	2004	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Shuma/Spectra(SD)	2004	General Area	IMMO(Immobilizer)	Special Function	Teaching
Shuma/Spectra(SD)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Shuma/Spectra(SD)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Shuma/Spectra(SD)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Shuma/Spectra(SD)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	

model	year	area	system	function	subfunction
Shuma/Spectra(SD)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Shuma/Spectra(SD)	2004	General Area	TCM(Transmission Control Module)	Read Fault Code	
Shuma/Spectra(SD)	2004	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Shuma/Spectra(SD)	2004	General Area	TCM(Transmission Control Module)	Read Data Stream	
Shuma/Spectra(SD)	2003	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Shuma/Spectra(SD)	2003	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Shuma/Spectra(SD)	2003	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Shuma/Spectra(SD)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE/MOTOR
Shuma/Spectra(SD)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE/MOTOR
Shuma/Spectra(SD)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE/MOTOR
Shuma/Spectra(SD)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE/MOTOR
Shuma/Spectra(SD)	2003	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Shuma/Spectra(SD)	2003	General Area	ECM(Engine Control Module)	Version Information	
Shuma/Spectra(SD)	2003	General Area	ECM(Engine Control Module)	Read Fault Code	
Shuma/Spectra(SD)	2003	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Shuma/Spectra(SD)	2003	General Area	ECM(Engine Control Module)	Read Data Stream	
Shuma/Spectra(SD)	2003	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Shuma/Spectra(SD)	2003	General Area	IMMO(Immobilizer)	Read Data Stream	
Shuma/Spectra(SD)	2003	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Shuma/Spectra(SD)	2003	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Shuma/Spectra(SD)	2003	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Shuma/Spectra(SD)	2003	General Area	IMMO(Immobilizer)	Special Function	Teaching

model	year	area	system	function	subfunction
Shuma/Spectra(SD)	2003	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Shuma/Spectra(SD)	2003	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Shuma/Spectra(SD)	2003	General Area	TCM(Transmission Control Module)	Read Fault Code	
Shuma/Spectra(SD)	2003	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Shuma/Spectra(SD)	2003	General Area	TCM(Transmission Control Module)	Read Data Stream	
Shuma/Spectra(SD)	2002	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Shuma/Spectra(SD)	2002	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Shuma/Spectra(SD)	2002	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Shuma/Spectra(SD)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE/MOTOR
Shuma/Spectra(SD)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE/MOTOR
Shuma/Spectra(SD)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE/MOTOR
Shuma/Spectra(SD)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE/MOTOR
Shuma/Spectra(SD)	2002	General Area	ECM(Engine Control Module)	Version Information	
Shuma/Spectra(SD)	2002	General Area	ECM(Engine Control Module)	Read Fault Code	
Shuma/Spectra(SD)	2002	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Shuma/Spectra(SD)	2002	General Area	ECM(Engine Control Module)	Read Data Stream	
Shuma/Spectra(SD)	2002	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Shuma/Spectra(SD)	2002	General Area	IMMO(Immobilizer)	Read Data Stream	
Shuma/Spectra(SD)	2002	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Shuma/Spectra(SD)	2002	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Shuma/Spectra(SD)	2002	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Shuma/Spectra(SD)	2002	General Area	IMMO(Immobilizer)	Special Function	Teaching

model	year	area	system	function	subfunction
Shuma/Spectra(SD)	2002	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Shuma/Spectra(SD)	2002	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Shuma/Spectra(SD)	2002	General Area	TCM(Transmission Control Module)	Read Fault Code	
Shuma/Spectra(SD)	2002	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Shuma/Spectra(SD)	2002	General Area	TCM(Transmission Control Module)	Read Data Stream	
Shuma/Spectra(SD)	2001	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Shuma/Spectra(SD)	2001	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Shuma/Spectra(SD)	2001	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Shuma/Spectra(SD)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Relay
Shuma/Spectra(SD)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Shuma/Spectra(SD)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Shuma/Spectra(SD)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Shuma/Spectra(SD)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Shuma/Spectra(SD)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Shuma/Spectra(SD)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Shuma/Spectra(SD)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Shuma/Spectra(SD)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Shuma/Spectra(SD)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Shuma/Spectra(SD)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Shuma/Spectra(SD)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Shuma/Spectra(SD)	2001	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Shuma/Spectra(SD)	2001	General Area	ECM(Engine Control Module)	Version Information	

model	year	area	system	function	subfunction
Shuma/Spectra(SD)	2001	General Area	ECM(Engine Control Module)	Read Fault Code	
Shuma/Spectra(SD)	2001	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Shuma/Spectra(SD)	2001	General Area	ECM(Engine Control Module)	Read Data Stream	
Shuma/Spectra(SD)	2001	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Shuma/Spectra(SD)	2001	General Area	IMMO(Immobilizer)	Read Data Stream	
Shuma/Spectra(SD)	2001	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Shuma/Spectra(SD)	2001	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Shuma/Spectra(SD)	2001	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Shuma/Spectra(SD)	2001	General Area	IMMO(Immobilizer)	Special Function	Teaching
Shuma/Spectra(SD)	2001	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Shuma/Spectra(SD)	2001	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Shuma/Spectra(SD)	2001	General Area	TCM(Transmission Control Module)	Read Fault Code	
Shuma/Spectra(SD)	2001	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Shuma/Spectra(SD)	2001	General Area	TCM(Transmission Control Module)	Read Data Stream	
Shuma/Spectra(SD)	2000	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Shuma/Spectra(SD)	2000	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Shuma/Spectra(SD)	2000	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Shuma/Spectra(SD)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE/MOTOR
Shuma/Spectra(SD)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE/MOTOR
Shuma/Spectra(SD)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE/MOTOR
Shuma/Spectra(SD)	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE/MOTOR
Shuma/Spectra(SD)	2000	General Area	ECM(Engine Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Shuma/Spectra(SD)	2000	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Shuma/Spectra(SD)	2000	General Area	ECM(Engine Control Module)	Read Data Stream	
Shuma/Spectra(SD)	2000	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Shuma/Spectra(SD)	2000	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Shuma/Spectra(SD)	2000	General Area	TCM(Transmission Control Module)	Read Fault Code	
Shuma/Spectra(SD)	2000	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Shuma/Spectra(SD)	2000	General Area	TCM(Transmission Control Module)	Read Data Stream	
Shuma/Spectra(SD)	1999	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Shuma/Spectra(SD)	1999	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Shuma/Spectra(SD)	1999	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Shuma/Spectra(SD)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE/MOTOR
Shuma/Spectra(SD)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE/MOTOR
Shuma/Spectra(SD)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE/MOTOR
Shuma/Spectra(SD)	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE/MOTOR
Shuma/Spectra(SD)	1999	General Area	ECM(Engine Control Module)	Read Fault Code	
Shuma/Spectra(SD)	1999	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Shuma/Spectra(SD)	1999	General Area	ECM(Engine Control Module)	Read Data Stream	
Shuma/Spectra(SD)	1999	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Shuma/Spectra(SD)	1999	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Shuma/Spectra(SD)	1999	General Area	TCM(Transmission Control Module)	Read Fault Code	
Shuma/Spectra(SD)	1999	General Area	TCM(Transmission Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Shuma/Spectra(SD)	1999	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sorento(BL)	2009	General Area	4WD Control	Version	
Sorento(BL)	2009	General Area	4WD Control	Read Fault Code	
Sorento(BL)	2009	General Area	4WD Control	Clear Fault	
Sorento(BL)	2009	General Area	ABS(Anti-Lock Brake System)	Version Information	
Sorento(BL)	2009	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sorento(BL)	2009	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sorento(BL)	2009	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sorento(BL)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Sorento(BL)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sorento(BL)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sorento(BL)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sorento(BL)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sorento(BL)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sorento(BL)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sorento(BL)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sorento(BL)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sorento(BL)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV1)
Sorento(BL)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV2)
Sorento(BL)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV1)
Sorento(BL)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV2)
Sorento(BL)	2009	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset
Sorento(BL)	2009	General Area	ABS(Anti-Lock Brake System)	Special Function	Steering Angle Sensor
Sorento(BL)	2009	General Area	ABS(Anti-Lock Brake System)	Special Function	Solenoid Valve Test

model	year	area	system	function	subfunction
Sorento(BL)	2009	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Version	
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Read Fault Code	
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Clear Fault	
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Read Data	
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%

model	year	area	system	function	subfunction
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Sorento(BL)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%

model	year	area	system	function	subfunction
Sorento(BL)	2009	General Area	BCM(Body Control Module)	Version Information	
Sorento(BL)	2009	General Area	BCM(Body Control Module)	Read Data Stream	
Sorento(BL)	2009	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Sorento(BL)	2009	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Sorento(BL)	2009	General Area	BCM(Body Control Module)	Actuation Test	Super Lock Relay
Sorento(BL)	2009	General Area	BCM(Body Control Module)	Actuation Test	Tailgate Glass Open Relay
Sorento(BL)	2009	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sorento(BL)	2009	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Sorento(BL)	2009	General Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Sorento(BL)	2009	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Sorento(BL)	2009	General Area	BCM(Body Control Module)	Actuation Test	Door Warning Lamp
Sorento(BL)	2009	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Sorento(BL)	2009	General Area	BCM(Body Control Module)	Actuation Test	Tailgate Warning Lamp
Sorento(BL)	2009	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Sorento(BL)	2009	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Sorento(BL)	2009	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Sorento(BL)	2009	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Sorento(BL)	2009	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Sorento(BL)	2009	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Sorento(BL)	2009	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Sorento(BL)	2009	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sorento(BL)	2009	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving

model	year	area	system	function	subfunction
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Version Information	
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Read Fault Code	
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Read Data Stream	
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Heater Relay
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	VGT Actuator
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	A/C Condenser Fan
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve

model	year	area	system	function	subfunction
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	A/C Clutch

model	year	area	system	function	subfunction
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Actuation Test	TPS Min Learnt Reset
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Special Function	AT/MT Recognition
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Sorento(BL)	2009	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Sorento(BL)	2009	General Area	EPS(Electronic Power Steering)	Version Information	
Sorento(BL)	2009	General Area	EPS(Electronic Power Steering)	Read Fault Code	
Sorento(BL)	2009	General Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Sorento(BL)	2009	General Area	EPS(Electronic Power Steering)	Read Data Stream	
Sorento(BL)	2009	General Area	FFH(Fuel Fired Heater)	Read Fault Code	
Sorento(BL)	2009	General Area	FFH(Fuel Fired Heater)	Clear Fault	
Sorento(BL)	2009	General Area	FFH(Fuel Fired Heater)	Read Data	
Sorento(BL)	2009	General Area	FFH(Fuel Fired Heater)	Actuation Test	Heating
Sorento(BL)	2009	General Area	FFH(Fuel Fired Heater)	Actuation Test	Combustion Air
Sorento(BL)	2009	General Area	FFH(Fuel Fired Heater)	Actuation Test	Glow Plug
Sorento(BL)	2009	General Area	FFH(Fuel Fired Heater)	Actuation Test	Fuel Pump
Sorento(BL)	2009	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling(Short Body)
Sorento(BL)	2009	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling(Long Body)
Sorento(BL)	2009	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling+Heating (Short Body)
Sorento(BL)	2009	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling+Heating (Long Body)
Sorento(BL)	2009	General Area	IMMO(Immobilizer)	Read Data	
Sorento(BL)	2009	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sorento(BL)	2009	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sorento(BL)	2009	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sorento(BL)	2009	General Area	IMMO(Immobilizer)	Special Function	Teaching

model	year	area	system	function	subfunction
Sorento(BL)	2009	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sorento(BL)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sorento(BL)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sorento(BL)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sorento(BL)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sorento(BL)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Sorento(BL)	2009	General Area	TCM(Transmission Control Module)	Version Information	
Sorento(BL)	2009	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sorento(BL)	2009	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sorento(BL)	2009	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sorento(BL)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-E(LC/B)
Sorento(BL)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	P' Indicator Lamp
Sorento(BL)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	R' Indicator Lamp
Sorento(BL)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	N' Indicator Lamp
Sorento(BL)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	D' Indicator Lamp
Sorento(BL)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Reverse Lamp Relay
Sorento(BL)	2009	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sorento(BL)	2009	General Area	TCM(Transmission Control Module)	Special Function	TCU Sub Rom Reset
Sorento(BL)	2008	General Area	4WD Control	Version	
Sorento(BL)	2008	General Area	4WD Control	Read Fault Code	
Sorento(BL)	2008	General Area	4WD Control	Clear Fault	

model	year	area	system	function	subfunction
Sorento(BL)	2008	General Area	ABS(Anti-Lock Brake System)	Version Information	
Sorento(BL)	2008	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sorento(BL)	2008	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sorento(BL)	2008	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sorento(BL)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Sorento(BL)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sorento(BL)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sorento(BL)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sorento(BL)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sorento(BL)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sorento(BL)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sorento(BL)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sorento(BL)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sorento(BL)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV1)
Sorento(BL)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV2)
Sorento(BL)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV1)
Sorento(BL)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV2)
Sorento(BL)	2008	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset
Sorento(BL)	2008	General Area	ABS(Anti-Lock Brake System)	Special Function	Steering Angle Sensor
Sorento(BL)	2008	General Area	ABS(Anti-Lock Brake System)	Special Function	Solenoid Valve Test
Sorento(BL)	2008	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Version	
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Read Fault Code	
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Clear Fault	

model	year	area	system	function	subfunction
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Read Data	
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot

model	year	area	system	function	subfunction
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Sorento(BL)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Sorento(BL)	2008	General Area	BCM(Body Control Module)	Version Information	
Sorento(BL)	2008	General Area	BCM(Body Control Module)	Read Data Stream	
Sorento(BL)	2008	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay

model	year	area	system	function	subfunction
Sorento(BL)	2008	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Sorento(BL)	2008	General Area	BCM(Body Control Module)	Actuation Test	Super Lock Relay
Sorento(BL)	2008	General Area	BCM(Body Control Module)	Actuation Test	Tailgate Glass Open Relay
Sorento(BL)	2008	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sorento(BL)	2008	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Sorento(BL)	2008	General Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Sorento(BL)	2008	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Sorento(BL)	2008	General Area	BCM(Body Control Module)	Actuation Test	Door Warning Lamp
Sorento(BL)	2008	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Sorento(BL)	2008	General Area	BCM(Body Control Module)	Actuation Test	Tailgate Warning Lamp
Sorento(BL)	2008	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Sorento(BL)	2008	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Sorento(BL)	2008	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Sorento(BL)	2008	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Sorento(BL)	2008	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Sorento(BL)	2008	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Sorento(BL)	2008	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Sorento(BL)	2008	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sorento(BL)	2008	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Version Information	
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Read Fault Code	
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Read Data Stream	
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Heater Relay
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	VGT Actuator
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	A/C Condenser Fan
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3

model	year	area	system	function	subfunction
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	A/C Clutch
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	TPS Min Learnt Reset
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine

model	year	area	system	function	subfunction
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Special Function	AT/MT Recognition
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Sorento(BL)	2008	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Sorento(BL)	2008	General Area	EPS(Electronic Power Steering)	Version Information	
Sorento(BL)	2008	General Area	EPS(Electronic Power Steering)	Read Fault Code	
Sorento(BL)	2008	General Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Sorento(BL)	2008	General Area	EPS(Electronic Power Steering)	Read Data Stream	
Sorento(BL)	2008	General Area	FFH(Fuel Fired Heater)	Read Fault Code	
Sorento(BL)	2008	General Area	FFH(Fuel Fired Heater)	Clear Fault	
Sorento(BL)	2008	General Area	FFH(Fuel Fired Heater)	Read Data	
Sorento(BL)	2008	General Area	FFH(Fuel Fired Heater)	Actuation Test	Heating
Sorento(BL)	2008	General Area	FFH(Fuel Fired Heater)	Actuation Test	Combustion Air
Sorento(BL)	2008	General Area	FFH(Fuel Fired Heater)	Actuation Test	Glow Plug
Sorento(BL)	2008	General Area	FFH(Fuel Fired Heater)	Actuation Test	Fuel Pump
Sorento(BL)	2008	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling(Short Body)
Sorento(BL)	2008	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling(Long Body)
Sorento(BL)	2008	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling+Heating (Short Body)
Sorento(BL)	2008	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling+Heating (Long Body)
Sorento(BL)	2008	General Area	IMMO(Immobilizer)	Read Data	
Sorento(BL)	2008	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sorento(BL)	2008	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sorento(BL)	2008	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sorento(BL)	2008	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sorento(BL)	2008	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sorento(BL)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	

model	year	area	system	function	subfunction
Sorento(BL)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sorento(BL)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sorento(BL)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sorento(BL)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Sorento(BL)	2008	General Area	TCM(Transmission Control Module)	Version Information	
Sorento(BL)	2008	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sorento(BL)	2008	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sorento(BL)	2008	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sorento(BL)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-E(LC/B)
Sorento(BL)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	P' Indicator Lamp
Sorento(BL)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	R' Indicator Lamp
Sorento(BL)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	N' Indicator Lamp
Sorento(BL)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	D' Indicator Lamp
Sorento(BL)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Reverse Lamp Relay
Sorento(BL)	2008	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sorento(BL)	2008	General Area	TCM(Transmission Control Module)	Special Function	TCU Sub Rom Reset
Sorento(BL)	2007	General Area	4WD Control	Version	
Sorento(BL)	2007	General Area	4WD Control	Read Fault Code	
Sorento(BL)	2007	General Area	4WD Control	Clear Fault	
Sorento(BL)	2007	General Area	ABS(Anti-Lock Brake System)	Version Information	
Sorento(BL)	2007	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sorento(BL)	2007	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Sorento(BL)	2007	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sorento(BL)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Sorento(BL)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sorento(BL)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sorento(BL)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sorento(BL)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sorento(BL)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sorento(BL)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sorento(BL)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sorento(BL)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sorento(BL)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV1)
Sorento(BL)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV2)
Sorento(BL)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV1)
Sorento(BL)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV2)
Sorento(BL)	2007	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset
Sorento(BL)	2007	General Area	ABS(Anti-Lock Brake System)	Special Function	Steering Angle Sensor
Sorento(BL)	2007	General Area	ABS(Anti-Lock Brake System)	Special Function	Solenoid Valve Test
Sorento(BL)	2007	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Version	
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Read Fault Code	
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Clear Fault	
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Read Data	
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off

model	year	area	system	function	subfunction
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%

model	year	area	system	function	subfunction
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Sorento(BL)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Sorento(BL)	2007	General Area	BCM(Body Control Module)	Version Information	
Sorento(BL)	2007	General Area	BCM(Body Control Module)	Read Data Stream	
Sorento(BL)	2007	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Sorento(BL)	2007	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Sorento(BL)	2007	General Area	BCM(Body Control Module)	Actuation Test	Super Lock Relay

model	year	area	system	function	subfunction
Sorento(BL)	2007	General Area	BCM(Body Control Module)	Actuation Test	Tailgate Glass Open Relay
Sorento(BL)	2007	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sorento(BL)	2007	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Sorento(BL)	2007	General Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Sorento(BL)	2007	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Sorento(BL)	2007	General Area	BCM(Body Control Module)	Actuation Test	Door Warning Lamp
Sorento(BL)	2007	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Sorento(BL)	2007	General Area	BCM(Body Control Module)	Actuation Test	Tailgate Warning Lamp
Sorento(BL)	2007	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Sorento(BL)	2007	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Sorento(BL)	2007	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Sorento(BL)	2007	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Sorento(BL)	2007	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Sorento(BL)	2007	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Sorento(BL)	2007	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Sorento(BL)	2007	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sorento(BL)	2007	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Version Information	
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Read Fault Code	
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Read Data Stream	
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay

model	year	area	system	function	subfunction
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Heater Relay
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	VGT Actuator
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	A/C Condenser Fan
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5

model	year	area	system	function	subfunction
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	A/C Clutch
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	TPS Min Learnt Reset
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Special Function	AT/MT Recognition

model	year	area	system	function	subfunction
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Sorento(BL)	2007	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Sorento(BL)	2007	General Area	EPS(Electronic Power Steering)	Version Information	
Sorento(BL)	2007	General Area	EPS(Electronic Power Steering)	Read Fault Code	
Sorento(BL)	2007	General Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Sorento(BL)	2007	General Area	EPS(Electronic Power Steering)	Read Data Stream	
Sorento(BL)	2007	General Area	FFH(Fuel Fired Heater)	Read Fault Code	
Sorento(BL)	2007	General Area	FFH(Fuel Fired Heater)	Clear Fault	
Sorento(BL)	2007	General Area	FFH(Fuel Fired Heater)	Read Data	
Sorento(BL)	2007	General Area	FFH(Fuel Fired Heater)	Actuation Test	Heating
Sorento(BL)	2007	General Area	FFH(Fuel Fired Heater)	Actuation Test	Combustion Air
Sorento(BL)	2007	General Area	FFH(Fuel Fired Heater)	Actuation Test	Glow Plug
Sorento(BL)	2007	General Area	FFH(Fuel Fired Heater)	Actuation Test	Fuel Pump
Sorento(BL)	2007	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling(Short Body)
Sorento(BL)	2007	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling(Long Body)
Sorento(BL)	2007	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling+Heating (Short Body)
Sorento(BL)	2007	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling+Heating (Long Body)
Sorento(BL)	2007	General Area	IMMO(Immobilizer)	Read Data	
Sorento(BL)	2007	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sorento(BL)	2007	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sorento(BL)	2007	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sorento(BL)	2007	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sorento(BL)	2007	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sorento(BL)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sorento(BL)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sorento(BL)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Sorento(BL)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sorento(BL)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Sorento(BL)	2007	General Area	TCM(Transmission Control Module)	Version Information	
Sorento(BL)	2007	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sorento(BL)	2007	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sorento(BL)	2007	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sorento(BL)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-E(LC/B)
Sorento(BL)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	P' Indicator Lamp
Sorento(BL)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	R' Indicator Lamp
Sorento(BL)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	N' Indicator Lamp
Sorento(BL)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	D' Indicator Lamp
Sorento(BL)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Reverse Lamp Relay
Sorento(BL)	2007	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sorento(BL)	2007	General Area	TCM(Transmission Control Module)	Special Function	TCU Sub Rom Reset
Sorento(BL)	2006	General Area	4WD Control	Version	
Sorento(BL)	2006	General Area	4WD Control	Read Fault Code	
Sorento(BL)	2006	General Area	4WD Control	Clear Fault	
Sorento(BL)	2006	General Area	ABS(Anti-Lock Brake System)	Version Information	
Sorento(BL)	2006	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sorento(BL)	2006	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sorento(BL)	2006	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sorento(BL)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Sorento(BL)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front

model	year	area	system	function	subfunction
Sorento(BL)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sorento(BL)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sorento(BL)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sorento(BL)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sorento(BL)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sorento(BL)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sorento(BL)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sorento(BL)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV1)
Sorento(BL)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV2)
Sorento(BL)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV1)
Sorento(BL)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV2)
Sorento(BL)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Warning Lamp(ABS&EBD)
Sorento(BL)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Pump
Sorento(BL)	2006	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset
Sorento(BL)	2006	General Area	ABS(Anti-Lock Brake System)	Special Function	Steering Angle Sensor
Sorento(BL)	2006	General Area	ABS(Anti-Lock Brake System)	Special Function	Solenoid Valve Test
Sorento(BL)	2006	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Version	
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Read Fault Code	
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Clear Fault	
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Read Data	
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low

model	year	area	system	function	subfunction
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%

model	year	area	system	function	subfunction
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Sorento(BL)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Sorento(BL)	2006	General Area	BCM(Body Control Module)	Version Information	
Sorento(BL)	2006	General Area	BCM(Body Control Module)	Read Data Stream	
Sorento(BL)	2006	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Sorento(BL)	2006	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Sorento(BL)	2006	General Area	BCM(Body Control Module)	Actuation Test	Super Lock Relay
Sorento(BL)	2006	General Area	BCM(Body Control Module)	Actuation Test	Tailgate Glass Open Relay

model	year	area	system	function	subfunction
Sorento(BL)	2006	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sorento(BL)	2006	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Sorento(BL)	2006	General Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Sorento(BL)	2006	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Sorento(BL)	2006	General Area	BCM(Body Control Module)	Actuation Test	Door Warning Lamp
Sorento(BL)	2006	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Sorento(BL)	2006	General Area	BCM(Body Control Module)	Actuation Test	Tailgate Warning Lamp
Sorento(BL)	2006	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Sorento(BL)	2006	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Sorento(BL)	2006	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Sorento(BL)	2006	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Sorento(BL)	2006	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Sorento(BL)	2006	General Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Sorento(BL)	2006	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Sorento(BL)	2006	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sorento(BL)	2006	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sorento(BL)	2006	General Area	Driveshaft	Read Fault Code	
Sorento(BL)	2006	General Area	Driveshaft	Clear Fault	
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Version Information	
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Read Fault Code	
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Read Data Stream	
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay

model	year	area	system	function	subfunction
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Heater Relay
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Actuation Test	VGT Actuator
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Actuation Test	A/C Condenser Fan
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5

model	year	area	system	function	subfunction
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Purge Solenoid Vent
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Special Function	AT/MT Recognition
Sorento(BL)	2006	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Adjust Mode
Sorento(BL)	2006	General Area	EPS(Electronic Power Steering)	Version Information	
Sorento(BL)	2006	General Area	EPS(Electronic Power Steering)	Read Fault Code	
Sorento(BL)	2006	General Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Sorento(BL)	2006	General Area	EPS(Electronic Power Steering)	Read Data Stream	
Sorento(BL)	2006	General Area	FFH(Fuel Fired Heater)	Read Fault Code	
Sorento(BL)	2006	General Area	FFH(Fuel Fired Heater)	Clear Fault	
Sorento(BL)	2006	General Area	FFH(Fuel Fired Heater)	Read Data	
Sorento(BL)	2006	General Area	FFH(Fuel Fired Heater)	Actuation Test	Heating
Sorento(BL)	2006	General Area	FFH(Fuel Fired Heater)	Actuation Test	Combustion Air
Sorento(BL)	2006	General Area	FFH(Fuel Fired Heater)	Actuation Test	Glow Plug
Sorento(BL)	2006	General Area	FFH(Fuel Fired Heater)	Actuation Test	Fuel Pump
Sorento(BL)	2006	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling(Short Body)
Sorento(BL)	2006	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling(Long Body)
Sorento(BL)	2006	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling+Heating (Short Body)
Sorento(BL)	2006	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling+Heating (Long Body)

model	year	area	system	function	subfunction
Sorento(BL)	2006	General Area	FFH(Fuel Fired Heater)	Actuation Test	Water Pump
Sorento(BL)	2006	General Area	FFH(Fuel Fired Heater)	Actuation Test	Dosing Pump
Sorento(BL)	2006	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling
Sorento(BL)	2006	General Area	IMMO(Immobilizer)	Read Data	
Sorento(BL)	2006	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sorento(BL)	2006	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sorento(BL)	2006	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sorento(BL)	2006	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sorento(BL)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sorento(BL)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sorento(BL)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sorento(BL)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sorento(BL)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Sorento(BL)	2006	General Area	TCM(Transmission Control Module)	Version Information	
Sorento(BL)	2006	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sorento(BL)	2006	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sorento(BL)	2006	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sorento(BL)	2005	General Area	ABS(Anti-Lock Brake System)	Version Information	
Sorento(BL)	2005	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sorento(BL)	2005	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sorento(BL)	2005	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sorento(BL)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Warning Lamp(ABS&EBD)
Sorento(BL)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Pump
Sorento(BL)	2005	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode

model	year	area	system	function	subfunction
Sorento(BL)	2005	General Area	Driveshaft	Read Fault Code	
Sorento(BL)	2005	General Area	Driveshaft	Clear Fault	
Sorento(BL)	2005	General Area	ECM(Engine Control Module)	Version Information	
Sorento(BL)	2005	General Area	ECM(Engine Control Module)	Read Fault Code	
Sorento(BL)	2005	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sorento(BL)	2005	General Area	ECM(Engine Control Module)	Read Data Stream	
Sorento(BL)	2005	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor
Sorento(BL)	2005	General Area	ECM(Engine Control Module)	Actuation Test	A/C Condenser Fan
Sorento(BL)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sorento(BL)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Sorento(BL)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Sorento(BL)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Sorento(BL)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve
Sorento(BL)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sorento(BL)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sorento(BL)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sorento(BL)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sorento(BL)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sorento(BL)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sorento(BL)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sorento(BL)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Sorento(BL)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Sorento(BL)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low

model	year	area	system	function	subfunction
Sorento(BL)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Purge Solenoid Vent
Sorento(BL)	2005	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Sorento(BL)	2005	General Area	ECM(Engine Control Module)	Special Function	AT/MT Recognition
Sorento(BL)	2005	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Sorento(BL)	2005	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Adjust Mode
Sorento(BL)	2005	General Area	EPS(Electronic Power Steering)	Version Information	
Sorento(BL)	2005	General Area	EPS(Electronic Power Steering)	Read Fault Code	
Sorento(BL)	2005	General Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Sorento(BL)	2005	General Area	EPS(Electronic Power Steering)	Read Data Stream	
Sorento(BL)	2005	General Area	FFH(Fuel Fired Heater)	Read Fault Code	
Sorento(BL)	2005	General Area	FFH(Fuel Fired Heater)	Clear Fault	
Sorento(BL)	2005	General Area	FFH(Fuel Fired Heater)	Read Data	
Sorento(BL)	2005	General Area	FFH(Fuel Fired Heater)	Actuation Test	Heating
Sorento(BL)	2005	General Area	FFH(Fuel Fired Heater)	Actuation Test	Water Pump
Sorento(BL)	2005	General Area	FFH(Fuel Fired Heater)	Actuation Test	Combustion Air
Sorento(BL)	2005	General Area	FFH(Fuel Fired Heater)	Actuation Test	Glow Plug
Sorento(BL)	2005	General Area	FFH(Fuel Fired Heater)	Actuation Test	Dosing Pump
Sorento(BL)	2005	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling
Sorento(BL)	2005	General Area	IMMO(Immobilizer)	Read Data	
Sorento(BL)	2005	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sorento(BL)	2005	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sorento(BL)	2005	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sorento(BL)	2005	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sorento(BL)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sorento(BL)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sorento(BL)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sorento(BL)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	

model	year	area	system	function	subfunction
Sorento(BL)	2005	General Area	TCM(Transmission Control Module)	Version Information	
Sorento(BL)	2005	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sorento(BL)	2005	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sorento(BL)	2005	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sorento(BL)	2004	General Area	ABS(Anti-Lock Brake System)	Version Information	
Sorento(BL)	2004	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sorento(BL)	2004	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sorento(BL)	2004	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sorento(BL)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Warning Lamp(ABS&EBD)
Sorento(BL)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Pump
Sorento(BL)	2004	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sorento(BL)	2004	General Area	Driveshaft	Read Fault Code	
Sorento(BL)	2004	General Area	Driveshaft	Clear Fault	
Sorento(BL)	2004	General Area	ECM(Engine Control Module)	Version Information	
Sorento(BL)	2004	General Area	ECM(Engine Control Module)	Read Fault Code	
Sorento(BL)	2004	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sorento(BL)	2004	General Area	ECM(Engine Control Module)	Read Data Stream	
Sorento(BL)	2004	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor
Sorento(BL)	2004	General Area	ECM(Engine Control Module)	Actuation Test	A/C Condenser Fan
Sorento(BL)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sorento(BL)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Sorento(BL)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Sorento(BL)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve

model	year	area	system	function	subfunction
Sorento(BL)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve
Sorento(BL)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sorento(BL)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sorento(BL)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sorento(BL)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sorento(BL)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sorento(BL)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sorento(BL)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sorento(BL)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Sorento(BL)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Sorento(BL)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Sorento(BL)	2004	General Area	ECM(Engine Control Module)	Actuation Test	Purge Solenoid Vent
Sorento(BL)	2004	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Sorento(BL)	2004	General Area	ECM(Engine Control Module)	Special Function	AT/MT Recognition
Sorento(BL)	2004	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Sorento(BL)	2004	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Adjust Mode
Sorento(BL)	2004	General Area	EPS(Electronic Power Steering)	Version Information	
Sorento(BL)	2004	General Area	EPS(Electronic Power Steering)	Read Fault Code	
Sorento(BL)	2004	General Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Sorento(BL)	2004	General Area	EPS(Electronic Power Steering)	Read Data Stream	
Sorento(BL)	2004	General Area	FFH(Fuel Fired Heater)	Read Fault Code	
Sorento(BL)	2004	General Area	FFH(Fuel Fired Heater)	Clear Fault	
Sorento(BL)	2004	General Area	FFH(Fuel Fired Heater)	Read Data	
Sorento(BL)	2004	General Area	FFH(Fuel Fired Heater)	Actuation Test	Heating
Sorento(BL)	2004	General Area	FFH(Fuel Fired Heater)	Actuation Test	Water Pump

model	year	area	system	function	subfunction
Sorento(BL)	2004	General Area	FFH(Fuel Fired Heater)	Actuation Test	Combustion Air
Sorento(BL)	2004	General Area	FFH(Fuel Fired Heater)	Actuation Test	Glow Plug
Sorento(BL)	2004	General Area	FFH(Fuel Fired Heater)	Actuation Test	Dosing Pump
Sorento(BL)	2004	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling
Sorento(BL)	2004	General Area	IMMO(Immobilizer)	Read Data	
Sorento(BL)	2004	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sorento(BL)	2004	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sorento(BL)	2004	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sorento(BL)	2004	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sorento(BL)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sorento(BL)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sorento(BL)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sorento(BL)	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sorento(BL)	2004	General Area	TCM(Transmission Control Module)	Version Information	
Sorento(BL)	2004	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sorento(BL)	2004	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sorento(BL)	2004	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sorento(BL)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-#1
Sorento(BL)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-#2
Sorento(BL)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Lock Up Solenoid
Sorento(BL)	2004	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Sorento(BL)	2003	General Area	ABS(Anti-Lock Brake System)	Version Information	
Sorento(BL)	2003	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sorento(BL)	2003	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sorento(BL)	2003	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	

model	year	area	system	function	subfunction
Sorento(BL)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Warning Lamp(ABS&EBD)
Sorento(BL)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Pump
Sorento(BL)	2003	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sorento(BL)	2003	General Area	Driveshaft	Read Fault Code	
Sorento(BL)	2003	General Area	Driveshaft	Clear Fault	
Sorento(BL)	2003	General Area	ECM(Engine Control Module)	Version Information	
Sorento(BL)	2003	General Area	ECM(Engine Control Module)	Read Fault Code	
Sorento(BL)	2003	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sorento(BL)	2003	General Area	ECM(Engine Control Module)	Read Data Stream	
Sorento(BL)	2003	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor
Sorento(BL)	2003	General Area	ECM(Engine Control Module)	Actuation Test	A/C Condenser Fan
Sorento(BL)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sorento(BL)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Sorento(BL)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Sorento(BL)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Sorento(BL)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve
Sorento(BL)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sorento(BL)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sorento(BL)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sorento(BL)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sorento(BL)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sorento(BL)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sorento(BL)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump

model	year	area	system	function	subfunction
Sorento(BL)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Sorento(BL)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Sorento(BL)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Sorento(BL)	2003	General Area	ECM(Engine Control Module)	Actuation Test	Purge Solenoid Vent
Sorento(BL)	2003	General Area	ECM(Engine Control Module)	Special Function	AT/MT Recognition
Sorento(BL)	2003	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Sorento(BL)	2003	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Adjust Mode
Sorento(BL)	2003	General Area	EPS(Electronic Power Steering)	Version Information	
Sorento(BL)	2003	General Area	EPS(Electronic Power Steering)	Read Fault Code	
Sorento(BL)	2003	General Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Sorento(BL)	2003	General Area	EPS(Electronic Power Steering)	Read Data Stream	
Sorento(BL)	2003	General Area	FFH(Fuel Fired Heater)	Read Fault Code	
Sorento(BL)	2003	General Area	FFH(Fuel Fired Heater)	Clear Fault	
Sorento(BL)	2003	General Area	FFH(Fuel Fired Heater)	Read Data	
Sorento(BL)	2003	General Area	FFH(Fuel Fired Heater)	Actuation Test	Heating
Sorento(BL)	2003	General Area	FFH(Fuel Fired Heater)	Actuation Test	Water Pump
Sorento(BL)	2003	General Area	FFH(Fuel Fired Heater)	Actuation Test	Combustion Air
Sorento(BL)	2003	General Area	FFH(Fuel Fired Heater)	Actuation Test	Glow Plug
Sorento(BL)	2003	General Area	FFH(Fuel Fired Heater)	Actuation Test	Dosing Pump
Sorento(BL)	2003	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling
Sorento(BL)	2003	General Area	IMMO(Immobilizer)	Read Data	
Sorento(BL)	2003	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sorento(BL)	2003	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sorento(BL)	2003	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sorento(BL)	2003	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sorento(BL)	2003	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sorento(BL)	2003	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	

model	year	area	system	function	subfunction
Sorento(BL)	2003	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sorento(BL)	2003	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sorento(BL)	2003	General Area	TCM(Transmission Control Module)	Version Information	
Sorento(BL)	2003	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sorento(BL)	2003	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sorento(BL)	2003	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sorento(BL)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-#1
Sorento(BL)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-#2
Sorento(BL)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Lock Up Solenoid
Sorento(BL)	2003	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Sorento(BL)	2002	General Area	ABS(Anti-Lock Brake System)	Version Information	
Sorento(BL)	2002	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sorento(BL)	2002	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sorento(BL)	2002	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sorento(BL)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Warning Lamp(ABS&EBD)
Sorento(BL)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Pump
Sorento(BL)	2002	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sorento(BL)	2002	General Area	Driveshaft	Read Fault Code	
Sorento(BL)	2002	General Area	Driveshaft	Clear Fault	
Sorento(BL)	2002	General Area	ECM(Engine Control Module)	Version Information	
Sorento(BL)	2002	General Area	ECM(Engine Control Module)	Read Fault Code	
Sorento(BL)	2002	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sorento(BL)	2002	General Area	ECM(Engine Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Sorento(BL)	2002	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor
Sorento(BL)	2002	General Area	ECM(Engine Control Module)	Actuation Test	A/C Condenser Fan
Sorento(BL)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sorento(BL)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Sorento(BL)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Sorento(BL)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Sorento(BL)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve
Sorento(BL)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sorento(BL)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sorento(BL)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sorento(BL)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sorento(BL)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sorento(BL)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sorento(BL)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sorento(BL)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Sorento(BL)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Sorento(BL)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Sorento(BL)	2002	General Area	ECM(Engine Control Module)	Actuation Test	Purge Solenoid Vent
Sorento(BL)	2002	General Area	ECM(Engine Control Module)	Special Function	AT/MT Recognition
Sorento(BL)	2002	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Sorento(BL)	2002	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Adjust Mode
Sorento(BL)	2002	General Area	EPS(Electronic Power Steering)	Version Information	

model	year	area	system	function	subfunction
Sorento(BL)	2002	General Area	EPS(Electronic Power Steering)	Read Fault Code	
Sorento(BL)	2002	General Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Sorento(BL)	2002	General Area	EPS(Electronic Power Steering)	Read Data Stream	
Sorento(BL)	2002	General Area	FFH(Fuel Fired Heater)	Read Fault Code	
Sorento(BL)	2002	General Area	FFH(Fuel Fired Heater)	Clear Fault	
Sorento(BL)	2002	General Area	FFH(Fuel Fired Heater)	Read Data	
Sorento(BL)	2002	General Area	FFH(Fuel Fired Heater)	Actuation Test	Heating
Sorento(BL)	2002	General Area	FFH(Fuel Fired Heater)	Actuation Test	Water Pump
Sorento(BL)	2002	General Area	FFH(Fuel Fired Heater)	Actuation Test	Combustion Air
Sorento(BL)	2002	General Area	FFH(Fuel Fired Heater)	Actuation Test	Glow Plug
Sorento(BL)	2002	General Area	FFH(Fuel Fired Heater)	Actuation Test	Dosing Pump
Sorento(BL)	2002	General Area	FFH(Fuel Fired Heater)	Actuation Test	Prefilling
Sorento(BL)	2002	General Area	IMMO(Immobilizer)	Read Data	
Sorento(BL)	2002	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sorento(BL)	2002	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sorento(BL)	2002	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sorento(BL)	2002	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sorento(BL)	2002	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sorento(BL)	2002	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sorento(BL)	2002	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sorento(BL)	2002	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sorento(BL)	2002	General Area	TCM(Transmission Control Module)	Version Information	
Sorento(BL)	2002	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sorento(BL)	2002	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sorento(BL)	2002	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sorento(BL)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-#1
Sorento(BL)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-#2

model	year	area	system	function	subfunction
Sorento(BL)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	Lock Up Solenoid
Sorento(BL)	2002	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Version Information	
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	HAC Brake Lamp Actuator
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Lamp
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Release Motor RH(Caliper Type Only)

model	year	area	system	function	subfunction
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Apply Motor RH(Caliper Type Only)
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Release Motor LH(Caliper Type Only)
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Apply Motor LH(Caliper Type Only)
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Release(Cable Type Only)
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Apply(Cable Type
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	EPB Warning Lamp-ON
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	EPB Warning Lamp-OFF
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	EPB Status Lamp-ON
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	EPB Status Lamp-OFF
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	Steering Angle Sensor
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Sorento(UM)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Sorento(UM)	2016	General Area	AC(Air Conditioning)	Version	

model	year	area	system	function	subfunction
Sorento(UM)	2016	General Area	AC(Air Conditioning)	Read Fault Code	
Sorento(UM)	2016	General Area	AC(Air Conditioning)	Clear Fault	
Sorento(UM)	2016	General Area	AC(Air Conditioning)	Read Data	
Sorento(UM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sorento(UM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sorento(UM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sorento(UM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sorento(UM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sorento(UM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sorento(UM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sorento(UM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sorento(UM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sorento(UM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sorento(UM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sorento(UM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sorento(UM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-1Step
Sorento(UM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-2Step
Sorento(UM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-3Step
Sorento(UM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-4Step
Sorento(UM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-5Step
Sorento(UM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-6Step
Sorento(UM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-7Step
Sorento(UM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-8Step
Sorento(UM)	2016	General Area	AC(Air Conditioning)	Actuation Test	E-Comp-On
Sorento(UM)	2016	General Area	AC(Air Conditioning)	Actuation Test	E-Comp-Off

model	year	area	system	function	subfunction
Sorento(UM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Sorento(UM)	2016	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Close
Sorento(UM)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Sorento(UM)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Sorento(UM)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Sorento(UM)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Sorento(UM)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Sorento(UM)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Sorento(UM)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL normal position
Sorento(UM)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Middle(Center)Position
Sorento(UM)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	DBL(Dynamic Bending Light)Max(RH)Position
Sorento(UM)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	DBL(Dynamic Bending Light)Middle Position-Center
Sorento(UM)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	DBL(Dynamic Bending Light)Max(LH)Position
Sorento(UM)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class C
Sorento(UM)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class V
Sorento(UM)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class E
Sorento(UM)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class E1
Sorento(UM)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class E2
Sorento(UM)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class HIGH

model	year	area	system	function	subfunction
Sorento(UM)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class W
Sorento(UM)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test LED OFF
Sorento(UM)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SBL Function Test SBL LH ON
Sorento(UM)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SBL Function Test SBL RH ON
Sorento(UM)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SBL function Test SBL ON(ALL)
Sorento(UM)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	AFLS AIM'G Mode
Sorento(UM)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Sorento(UM)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Setting&Zero position Initial
Sorento(UM)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Download
Sorento(UM)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Calibration
Sorento(UM)	2016	General Area	AHS(Active Hood System)	Version Information	
Sorento(UM)	2016	General Area	AHS(Active Hood System)	Read Fault Code	
Sorento(UM)	2016	General Area	AHS(Active Hood System)	Clear Fault Memory	
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Version Information	
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Read Fault Code	
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Clear Fault Memory	
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Read Data Stream	
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)

model	year	area	system	function	subfunction
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output

model	year	area	system	function	subfunction
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay

model	year	area	system	function	subfunction
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output

model	year	area	system	function	subfunction
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Output
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Indicator
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Map Lamp Output
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Alt'L Signal Out
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Relay

model	year	area	system	function	subfunction
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Lamp
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Washer Motor Output
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Washer Motor Output
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	3Lh SBR Left Indicator
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	3Rh SBR Center Indicator
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window Up
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Highest Position
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Lowest Position
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Left Position
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Right Position
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Fold
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Unfold
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Puddle Lamp
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Lock
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Unlock
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Repeater

model	year	area	system	function	subfunction
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	BSD Indicator
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Courtesy Lamp
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Heater Control
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Auto Up
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Auto
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Up
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Down
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Pocket Light Output(Option)
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Illumination
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Window Lock to Assist Door
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window Up
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Highest Position
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Lowest Position
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Left Position

model	year	area	system	function	subfunction
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Right Position
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Fold
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Unfold
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Drive Side Puddle Lamp
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Lock
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Side Repeater
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Courtesy Lamp
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Heater Control
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Window Auto Up
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Auto
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Up
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Down
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Auto Up
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Auto
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Up
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Down
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Auto
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Up
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Down
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Window Lock to Driver Door

model	year	area	system	function	subfunction
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Pocket Lamp(Both Left and Right)
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Mood Lamp(Both Left and Right)
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Courtesy Lamp
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Courtesy Lamp
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Door Curtain Up(Only Windows Close
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Door Curtain Down(Only Windows Close Status)
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Door Curtain Up(Only Windows Close
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Door Curtain Down(Only Windows Close Status)
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist BSD Indicator
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain re-Initialize
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear illumination
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)

model	year	area	system	function	subfunction
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(Headrest
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(Headrest
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Foremost Position(Cushion Extension)
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Last Position(Cushion Extension)
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay

model	year	area	system	function	subfunction
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Parasitic Current Auto-Block IPS
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt Indicator
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt Indicator
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt Indicator
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left/Right
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Right
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	High Mounted Stop Lamp
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	RL Door Lock Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	RL Door Unlock Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Up
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Down
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Left
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Right
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window DOWN

model	year	area	system	function	subfunction
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window UP
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window DOWN
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LOCK
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Courtesy Lamp
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Power Window UP
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Power Window DOWN
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window UP
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay(with Safety P/WDW Enable)
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator(Option)
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator(Option)
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination(Manual Key Type)
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Safety ECU Enable
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Heated Washer Nozzle Output
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Defogger Indicator
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Heated Glass Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	EMS Wakeup Output
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Fuel Door Open Solenoid Output
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mood Lamp 1 Output
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mood Lamp 2 Output
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mood Lamp 3 Output

model	year	area	system	function	subfunction
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Position Horizontal Output
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Position Vertical Output
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Signal
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Power Relay
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Special Function	CLU Variant Coding
Sorento(UM)	2016	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting
Sorento(UM)	2016	General Area	CCS(Cruise Control System)	Version Information	
Sorento(UM)	2016	General Area	CCS(Cruise Control System)	Read Fault Code	
Sorento(UM)	2016	General Area	CCS(Cruise Control System)	Clear Fault Memory	
Sorento(UM)	2016	General Area	CCS(Cruise Control System)	Read Data Stream	
Sorento(UM)	2016	General Area	CCS(Cruise Control System)	Special Function	SCC Alignment
Sorento(UM)	2016	General Area	Central Gateway	Version	
Sorento(UM)	2016	General Area	Central Gateway	Read Fault Code	
Sorento(UM)	2016	General Area	Central Gateway	Clear Fault	
Sorento(UM)	2016	General Area	Central Gateway	Special Function	Erase Network Configuration
Sorento(UM)	2016	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sorento(UM)	2016	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sorento(UM)	2016	General Area	Driveshaft	Version	
Sorento(UM)	2016	General Area	Driveshaft	Read Fault Code	
Sorento(UM)	2016	General Area	Driveshaft	Clear Fault	
Sorento(UM)	2016	General Area	Driveshaft	Read Data	
Sorento(UM)	2016	General Area	Driveshaft	Actuation Test	Torque Coupling Control
Sorento(UM)	2016	General Area	Driveshaft	Actuation Test	AWD/LOCK Mode Select
Sorento(UM)	2016	General Area	Driveshaft	Actuation Test	4WD Lamp
Sorento(UM)	2016	General Area	Driveshaft	Special Function	Clutch Learning Reset
Sorento(UM)	2016	General Area	Driveshaft	Special Function	Clutch Learning Read
Sorento(UM)	2016	General Area	Driveshaft	Special Function	Clutch Learning Write

model	year	area	system	function	subfunction
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Version Information	
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Read Fault Code	
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Read Data Stream	
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-High
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-Low
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	TEC Learn
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VCM Type VIS 2

model	year	area	system	function	subfunction
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 1
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 2
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 3
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 4
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 5
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 6
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI High Pressure Offset
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)

model	year	area	system	function	subfunction
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Electrically Controlled Water Pump
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Nu LPI Option)
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Theta LPI Option)
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Electrical Water Heater
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PTC Relay
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Main Water Pump
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #1 Actuation
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #2 Actuation
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #3 Actuation
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #4 Actuation

model	year	area	system	function	subfunction
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Relay
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GRU(Glow Relay Unit)15%Duty
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 10%
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 90%
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 10%
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 90%
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 10%
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 90%
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 5%
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 95%
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed PWM Output
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 5%
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 95%
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 5%
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 95%
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 5%
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 95%
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control

model	year	area	system	function	subfunction
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control Actuator(2000
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sorento(UM)	2016	General Area	ECM(Engine Control Module)	Special Function	Resetting E-CVVT Values
Sorento(UM)	2016	General Area	IMMO(Immobilizer)	Read Fault Code	
Sorento(UM)	2016	General Area	IMMO(Immobilizer)	Clear Fault	
Sorento(UM)	2016	General Area	IMMO(Immobilizer)	Read Data	
Sorento(UM)	2016	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sorento(UM)	2016	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sorento(UM)	2016	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sorento(UM)	2016	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sorento(UM)	2016	General Area	LDWS(Lane Departure Warning System)	Version Information	
Sorento(UM)	2016	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Sorento(UM)	2016	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Sorento(UM)	2016	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Sorento(UM)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Activation Switch LED
Sorento(UM)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Left

model	year	area	system	function	subfunction
Sorento(UM)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Right
Sorento(UM)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	ALL LEDs
Sorento(UM)	2016	General Area	LDWS(Lane Departure Warning System)	Special Function	BSD Radar Calibration
Sorento(UM)	2016	General Area	LDWS(Lane Departure Warning System)	Special Function	BSD Variant Coding
Sorento(UM)	2016	General Area	LDWS(Lane Departure Warning System)	Special Function	SPTAC Calibration
Sorento(UM)	2016	General Area	LDWS(Lane Departure Warning System)	Special Function	SPC Calibration
Sorento(UM)	2016	General Area	LDWS(Lane Departure Warning System)	Special Function	LKAS/LDWS Variant Coding
Sorento(UM)	2016	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Sorento(UM)	2016	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Sorento(UM)	2016	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Sorento(UM)	2016	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Sorento(UM)	2016	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Sorento(UM)	2016	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Sorento(UM)	2016	General Area	MDPS(Motor Driven Power Steering)	Special Function	Power Steering ECU
Sorento(UM)	2016	General Area	MDPS(Motor Driven Power Steering)	Special Function	Power Steering Motor
Sorento(UM)	2016	General Area	Smart Key Unit	Version	
Sorento(UM)	2016	General Area	Smart Key Unit	Read Fault Code	
Sorento(UM)	2016	General Area	Smart Key Unit	Clear Fault	
Sorento(UM)	2016	General Area	Smart Key Unit	Read Data	
Sorento(UM)	2016	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Sorento(UM)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Sorento(UM)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Sorento(UM)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED White
Sorento(UM)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Sorento(UM)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Sorento(UM)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Sorento(UM)	2016	General Area	Smart Key Unit	Actuation Test	ACC Relay
Sorento(UM)	2016	General Area	Smart Key Unit	Actuation Test	IGN1 Relay

model	year	area	system	function	subfunction
Sorento(UM)	2016	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Sorento(UM)	2016	General Area	Smart Key Unit	Actuation Test	Starter Relay
Sorento(UM)	2016	General Area	Smart Key Unit	Actuation Test	External Buzzer
Sorento(UM)	2016	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Sorento(UM)	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Sorento(UM)	2016	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Sorento(UM)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Sorento(UM)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sorento(UM)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sorento(UM)	2016	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Sorento(UM)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sorento(UM)	2016	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Sorento(UM)	2016	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Sorento(UM)	2016	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Sorento(UM)	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Sorento(UM)	2016	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Sorento(UM)	2016	General Area	Smart Key Unit	Actuation Test	Stop Wireless Charge during FOB Searching
Sorento(UM)	2016	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Sorento(UM)	2016	General Area	Smart Key Unit	Special Function	Neutralization Mode
Sorento(UM)	2016	General Area	Smart Key Unit	Special Function	SMK Status Information
Sorento(UM)	2016	General Area	Smart Key Unit	Special Function	ESCL Status Information
Sorento(UM)	2016	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Sorento(UM)	2016	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Sorento(UM)	2016	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Sorento(UM)	2016	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Sorento(UM)	2016	General Area	Smart Key Unit	Special Function	Antenna Status Check

model	year	area	system	function	subfunction
Sorento(UM)	2016	General Area	SPAS(Smart Parking Assist System)	Version Information	
Sorento(UM)	2016	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Sorento(UM)	2016	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Sorento(UM)	2016	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Sorento(UM)	2016	General Area	SPAS(Smart Parking Assist System)	Actuation Test	Speaker Activation
Sorento(UM)	2016	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation
Sorento(UM)	2016	General Area	SPAS(Smart Parking Assist System)	Special Function	SPAS Variant Coding
Sorento(UM)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sorento(UM)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sorento(UM)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sorento(UM)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sorento(UM)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Sorento(UM)	2016	General Area	SVMS(Surround View Monitor System)	Version Information	
Sorento(UM)	2016	General Area	SVMS(Surround View Monitor System)	Read Fault Code	
Sorento(UM)	2016	General Area	SVMS(Surround View Monitor System)	Clear Fault Memory	
Sorento(UM)	2016	General Area	SVMS(Surround View Monitor System)	Read Data Stream	
Sorento(UM)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-SVM View
Sorento(UM)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-SVM View
Sorento(UM)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Left View
Sorento(UM)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Left View

model	year	area	system	function	subfunction
Sorento(UM)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Right View
Sorento(UM)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Right View
Sorento(UM)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Wide View
Sorento(UM)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Wide View
Sorento(UM)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 25%
Sorento(UM)	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 100%
Sorento(UM)	2016	General Area	TCM(Transmission Control Module)	Version Information	
Sorento(UM)	2016	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sorento(UM)	2016	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sorento(UM)	2016	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sorento(UM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sorento(UM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sorento(UM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sorento(UM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sorento(UM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sorento(UM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sorento(UM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sorento(UM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sorento(UM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	1st Gear Lamp

model	year	area	system	function	subfunction
Sorento(UM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear Lamp
Sorento(UM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear Lamp
Sorento(UM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	4th Gear Lamp
Sorento(UM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	5th Gear Lamp
Sorento(UM)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	6th Gear Lamp
Sorento(UM)	2016	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sorento(UM)	2016	General Area	Telematics Unit	Version	
Sorento(UM)	2016	General Area	Telematics Unit	Read Fault Code	
Sorento(UM)	2016	General Area	Telematics Unit	Clear Fault	
Sorento(UM)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sorento(UM)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sorento(UM)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sorento(UM)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sorento(UM)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sorento(UM)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sorento(UM)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Sorento(UM)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Sorento(UM)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Sorento(UM)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Sorento(UM)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Sorento(UM)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sorento(UM)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sorento(UM)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sorento(UM)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sorento(UM)	2015	General Area	4WD Control	Version	

model	year	area	system	function	subfunction
Sorento(UM)	2015	General Area	4WD Control	Read Fault Code	
Sorento(UM)	2015	General Area	4WD Control	Clear Fault	
Sorento(UM)	2015	General Area	4WD Control	Read Data	
Sorento(UM)	2015	General Area	4WD Control	Actuation Test	Torque Coupling Control
Sorento(UM)	2015	General Area	4WD Control	Actuation Test	AWD/LOCK Mode Select
Sorento(UM)	2015	General Area	4WD Control	Actuation Test	4WD Lamp
Sorento(UM)	2015	General Area	4WD Control	Special Function	Clutch Learning Reset
Sorento(UM)	2015	General Area	4WD Control	Special Function	Clutch Learning Read
Sorento(UM)	2015	General Area	4WD Control	Special Function	Clutch Learning Write
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Version Information	
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Release Motor RH(Caliper Type Only)
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Apply Motor RH(Caliper Type Only)
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Release Motor LH(Caliper Type Only)
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Apply Motor LH(Caliper Type Only)
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Release(Cable Type Only)
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Apply(Cable Type

model	year	area	system	function	subfunction
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	EPB Warning Lamp-ON
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	EPB Warning Lamp-OFF
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	EPB Status Lamp-ON
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	EPB Status Lamp-OFF
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	HAC Brake Lamp Actuator
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Lamp
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)

model	year	area	system	function	subfunction
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Steering Angle Sensor
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/ DBC Only)
Sorento(UM)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Sorento(UM)	2015	General Area	AC(Air Conditioning)	Version	
Sorento(UM)	2015	General Area	AC(Air Conditioning)	Read Fault Code	
Sorento(UM)	2015	General Area	AC(Air Conditioning)	Clear Fault	
Sorento(UM)	2015	General Area	AC(Air Conditioning)	Read Data	
Sorento(UM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sorento(UM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sorento(UM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sorento(UM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sorento(UM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sorento(UM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sorento(UM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sorento(UM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sorento(UM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sorento(UM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sorento(UM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sorento(UM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sorento(UM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-1Step
Sorento(UM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-2Step
Sorento(UM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-3Step

model	year	area	system	function	subfunction
Sorento(UM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-4Step
Sorento(UM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-5Step
Sorento(UM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-6Step
Sorento(UM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-7Step
Sorento(UM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-8Step
Sorento(UM)	2015	General Area	AC(Air Conditioning)	Actuation Test	E-Comp-On
Sorento(UM)	2015	General Area	AC(Air Conditioning)	Actuation Test	E-Comp-Off
Sorento(UM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Sorento(UM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Close
Sorento(UM)	2015	General Area	AHS(Active Hood System)	Version Information	
Sorento(UM)	2015	General Area	AHS(Active Hood System)	Read Fault Code	
Sorento(UM)	2015	General Area	AHS(Active Hood System)	Clear Fault Memory	
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Version Information	
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Read Fault Code	
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Clear Fault Memory	
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Read Data Stream	
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)

model	year	area	system	function	subfunction
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(Headrest
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(Headrest
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Foremost Position(Cushion Extension)
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Last Position(Cushion Extension)
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)

model	year	area	system	function	subfunction
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Parasitic Current Auto-Block IPS
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay

model	year	area	system	function	subfunction
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt Indicator
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt Indicator
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt Indicator
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left/Right
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Right
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	High Mounted Stop Lamp
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	RL Door Lock Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	RL Door Unlock Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Up
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Down
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Left
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Right
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window DOWN
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window UP
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window DOWN
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LOCK
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Courtesy Lamp
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Power Window UP
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Power Window DOWN
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window UP
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window

model	year	area	system	function	subfunction
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window Up
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Highest Position
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Lowest Position
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Left Position
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Right Position
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Fold
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Unfold
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Drive Side Puddle Lamp
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Lock
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Side Repeater
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	BSD Indicator
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Courtesy Lamp
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Heater Control
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Window Auto Up
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Auto

model	year	area	system	function	subfunction
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Up
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Down
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Pocket Light Output(Option)
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Auto Up
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Auto
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Up
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Down
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Auto Up
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Auto
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Up
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Down
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Illumination
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Window Lock to Driver Door
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Highest Position
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Lowest Position
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Left Position
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Right Position
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Fold
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Unfold

model	year	area	system	function	subfunction
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Pocket Lamp(Both Left and Right)
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Mood Lamp(Both Left and Right)
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Courtesy Lamp
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Courtesy Lamp
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Door Curtain Up(Only Windows Close
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Door Curtain Down(Only Windows Close Status)
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Door Curtain Up(Only Windows Close
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Door Curtain Down(Only Windows Close Status)
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist BSD Indicator
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain re-Initialize
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear illumination
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window Up
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Puddle Lamp
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Lock

model	year	area	system	function	subfunction
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Unlock
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Repeater
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Courtesy Lamp
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Heater Control
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Auto
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Up
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Down
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Window Lock to Assist Door
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output

model	year	area	system	function	subfunction
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator

model	year	area	system	function	subfunction
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output

model	year	area	system	function	subfunction
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Output
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Indicator
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Map Lamp Output
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Alt'L Signal Out
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Relay
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Lamp
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Washer Motor Output

model	year	area	system	function	subfunction
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Washer Motor Output
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	3Lh SBR Left Indicator
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Actuation Test	3Rh SBR Center Indicator
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Special Function	CLU Variant Coding
Sorento(UM)	2015	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting
Sorento(UM)	2015	General Area	CCS(Cruise Control System)	Version Information	
Sorento(UM)	2015	General Area	CCS(Cruise Control System)	Read Fault Code	
Sorento(UM)	2015	General Area	CCS(Cruise Control System)	Clear Fault Memory	
Sorento(UM)	2015	General Area	CCS(Cruise Control System)	Read Data Stream	
Sorento(UM)	2015	General Area	CCS(Cruise Control System)	Special Function	SCC Alignment
Sorento(UM)	2015	General Area	Central Gateway	Version	
Sorento(UM)	2015	General Area	Central Gateway	Read Fault Code	
Sorento(UM)	2015	General Area	Central Gateway	Clear Fault	
Sorento(UM)	2015	General Area	Central Gateway	Special Function	Erase Network Configuration
Sorento(UM)	2015	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sorento(UM)	2015	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Version Information	
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Read Fault Code	
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Read Data Stream	
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay

model	year	area	system	function	subfunction
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-High
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-Low
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5

model	year	area	system	function	subfunction
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	TEC Learn
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VCM Type VIS 2
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 1
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 2
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 3
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 4
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 5
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 6
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI High Pressure Offset
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)

model	year	area	system	function	subfunction
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel

model	year	area	system	function	subfunction
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Electrically Controlled Water Pump
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Nu LPI Option)
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Theta LPI Option)
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Electrical Water Heater
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	PTC Relay
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Main Water Pump
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector #1 Actuation
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector #2 Actuation
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector #3 Actuation
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector #4 Actuation
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Relay
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GRU(Glow Relay Unit)15%Duty
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 10%
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 90%
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 10%
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 90%

model	year	area	system	function	subfunction
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 10%
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 90%
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 5%
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 95%
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed PWM Output
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 5%
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 95%
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 5%
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 95%
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 5%
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 95%
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control Actuator(2000
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset

model	year	area	system	function	subfunction
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Special Function	Resetting E-CVVT Values
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Special Function	ECU Tuning Data Confirm
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Special Function	Fuel Line Air Remove
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Special Function	Essential Work After Component Replacement
Sorento(UM)	2015	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Sorento(UM)	2015	General Area	Head Lamp	Version	
Sorento(UM)	2015	General Area	Head Lamp	Read Fault Code	
Sorento(UM)	2015	General Area	Head Lamp	Clear Fault	
Sorento(UM)	2015	General Area	Head Lamp	Read Data	
Sorento(UM)	2015	General Area	Head Lamp	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Sorento(UM)	2015	General Area	Head Lamp	Actuation Test	HLL(Head Lamp Leveling)Middle(Center)Position
Sorento(UM)	2015	General Area	Head Lamp	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Sorento(UM)	2015	General Area	Head Lamp	Actuation Test	DBL(Dynamic Bending Light)Max(RH)Position
Sorento(UM)	2015	General Area	Head Lamp	Actuation Test	DBL(Dynamic Bending Light)Middle Position-Center
Sorento(UM)	2015	General Area	Head Lamp	Actuation Test	DBL(Dynamic Bending Light)Max(LH)Position
Sorento(UM)	2015	General Area	Head Lamp	Actuation Test	Full AFLS BPC Test Class C

model	year	area	system	function	subfunction
Sorento(UM)	2015	General Area	Head Lamp	Actuation Test	Full AFLS BPC Test Class V
Sorento(UM)	2015	General Area	Head Lamp	Actuation Test	Full AFLS BPC Test Class E
Sorento(UM)	2015	General Area	Head Lamp	Actuation Test	Full AFLS BPC Test Class E1
Sorento(UM)	2015	General Area	Head Lamp	Actuation Test	Full AFLS BPC Test Class E2
Sorento(UM)	2015	General Area	Head Lamp	Actuation Test	Full AFLS BPC Test Class HIGH
Sorento(UM)	2015	General Area	Head Lamp	Actuation Test	Full AFLS BPC Test Class W
Sorento(UM)	2015	General Area	Head Lamp	Actuation Test	Full AFLS BPC Test LED OFF
Sorento(UM)	2015	General Area	Head Lamp	Actuation Test	SBL Function Test SBL LH ON
Sorento(UM)	2015	General Area	Head Lamp	Actuation Test	SBL Function Test SBL RH ON
Sorento(UM)	2015	General Area	Head Lamp	Actuation Test	SBL function Test SBL ON(ALL)
Sorento(UM)	2015	General Area	Head Lamp	Actuation Test	AFLS AIM'G
Sorento(UM)	2015	General Area	Head Lamp	Actuation Test	HLL normal position
Sorento(UM)	2015	General Area	Head Lamp	Special Function	Parameter Download
Sorento(UM)	2015	General Area	Head Lamp	Special Function	Calibration
Sorento(UM)	2015	General Area	Head Lamp	Special Function	Headlamp
Sorento(UM)	2015	General Area	Head Lamp	Special Function	Parameter Setting&Zero position Initial
Sorento(UM)	2015	General Area	IMMO(Immobilizer)	Read Fault Code	
Sorento(UM)	2015	General Area	IMMO(Immobilizer)	Clear Fault	
Sorento(UM)	2015	General Area	IMMO(Immobilizer)	Read Data	
Sorento(UM)	2015	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sorento(UM)	2015	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sorento(UM)	2015	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sorento(UM)	2015	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sorento(UM)	2015	General Area	LDWS(Lane Departure Warning System)	Version Information	
Sorento(UM)	2015	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Sorento(UM)	2015	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Sorento(UM)	2015	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	

model	year	area	system	function	subfunction
Sorento(UM)	2015	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Activation Switch LED
Sorento(UM)	2015	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Left
Sorento(UM)	2015	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Right
Sorento(UM)	2015	General Area	LDWS(Lane Departure Warning System)	Actuation Test	ALL LEDs
Sorento(UM)	2015	General Area	LDWS(Lane Departure Warning System)	Special Function	SPTAC Calibration
Sorento(UM)	2015	General Area	LDWS(Lane Departure Warning System)	Special Function	SPC Calibration
Sorento(UM)	2015	General Area	LDWS(Lane Departure Warning System)	Special Function	LKAS/LDWS Variant Coding
Sorento(UM)	2015	General Area	LDWS(Lane Departure Warning System)	Special Function	BSD Radar Calibration
Sorento(UM)	2015	General Area	LDWS(Lane Departure Warning System)	Special Function	BSD Variant Coding
Sorento(UM)	2015	General Area	Motor Driven Power Steering(Mobis)	Version Information	
Sorento(UM)	2015	General Area	Motor Driven Power Steering(Mobis)	Read Fault Code	
Sorento(UM)	2015	General Area	Motor Driven Power Steering(Mobis)	Clear Fault Memory	
Sorento(UM)	2015	General Area	Motor Driven Power Steering(Mobis)	Read Data Stream	
Sorento(UM)	2015	General Area	Motor Driven Power Steering(Mobis)	Special Function	ASP Calibration
Sorento(UM)	2015	General Area	Motor Driven Power Steering(Mobis)	Special Function	EPS Type Recognition
Sorento(UM)	2015	General Area	Motor Driven Power Steering(Mobis)	Special Function	Power Steering ECU
Sorento(UM)	2015	General Area	Motor Driven Power Steering(Mobis)	Special Function	Power Steering Motor
Sorento(UM)	2015	General Area	PTG(Power Tail Gate)	Version	
Sorento(UM)	2015	General Area	PTG(Power Tail Gate)	Read Fault Code	
Sorento(UM)	2015	General Area	PTG(Power Tail Gate)	Clear Fault	
Sorento(UM)	2015	General Area	PTG(Power Tail Gate)	Read Data	
Sorento(UM)	2015	General Area	Smart Key Unit	Version	
Sorento(UM)	2015	General Area	Smart Key Unit	Read Fault Code	
Sorento(UM)	2015	General Area	Smart Key Unit	Clear Fault	
Sorento(UM)	2015	General Area	Smart Key Unit	Read Data	
Sorento(UM)	2015	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Sorento(UM)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Sorento(UM)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Sorento(UM)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED White

model	year	area	system	function	subfunction
Sorento(UM)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Sorento(UM)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Sorento(UM)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Sorento(UM)	2015	General Area	Smart Key Unit	Actuation Test	ACC Relay
Sorento(UM)	2015	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Sorento(UM)	2015	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Sorento(UM)	2015	General Area	Smart Key Unit	Actuation Test	Starter Relay
Sorento(UM)	2015	General Area	Smart Key Unit	Actuation Test	External Buzzer
Sorento(UM)	2015	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Sorento(UM)	2015	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Sorento(UM)	2015	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Sorento(UM)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Sorento(UM)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sorento(UM)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sorento(UM)	2015	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Sorento(UM)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sorento(UM)	2015	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Sorento(UM)	2015	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Sorento(UM)	2015	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Sorento(UM)	2015	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Sorento(UM)	2015	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Sorento(UM)	2015	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Sorento(UM)	2015	General Area	Smart Key Unit	Special Function	Neutralization Mode
Sorento(UM)	2015	General Area	Smart Key Unit	Special Function	SMK Status Information
Sorento(UM)	2015	General Area	Smart Key Unit	Special Function	ESCL Status Information
Sorento(UM)	2015	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Sorento(UM)	2015	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Sorento(UM)	2015	General Area	Smart Key Unit	Special Function	ESCL Open Status Check

model	year	area	system	function	subfunction
Sorento(UM)	2015	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Sorento(UM)	2015	General Area	Smart Key Unit	Special Function	Antenna Status Check
Sorento(UM)	2015	General Area	SPAS(Smart Parking Assist System)	Version Information	
Sorento(UM)	2015	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Sorento(UM)	2015	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Sorento(UM)	2015	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Sorento(UM)	2015	General Area	SPAS(Smart Parking Assist System)	Actuation Test	Speaker Activation
Sorento(UM)	2015	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation
Sorento(UM)	2015	General Area	SPAS(Smart Parking Assist System)	Special Function	SPAS Variant Coding
Sorento(UM)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sorento(UM)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sorento(UM)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sorento(UM)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sorento(UM)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Sorento(UM)	2015	General Area	SVMS(Surround View Monitor System)	Version Information	
Sorento(UM)	2015	General Area	SVMS(Surround View Monitor System)	Read Fault Code	
Sorento(UM)	2015	General Area	SVMS(Surround View Monitor System)	Clear Fault Memory	
Sorento(UM)	2015	General Area	SVMS(Surround View Monitor System)	Read Data Stream	
Sorento(UM)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-SVM View
Sorento(UM)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-SVM View

model	year	area	system	function	subfunction
Sorento(UM)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Left View
Sorento(UM)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Left View
Sorento(UM)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Right View
Sorento(UM)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Right View
Sorento(UM)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Wide View
Sorento(UM)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Wide View
Sorento(UM)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 25%
Sorento(UM)	2015	General Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 100%
Sorento(UM)	2015	General Area	TCM(Transmission Control Module)	Version Information	
Sorento(UM)	2015	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sorento(UM)	2015	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sorento(UM)	2015	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sorento(UM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sorento(UM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sorento(UM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sorento(UM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sorento(UM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sorento(UM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sorento(UM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'

model	year	area	system	function	subfunction
Sorento(UM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sorento(UM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	1st Gear Lamp
Sorento(UM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear Lamp
Sorento(UM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear Lamp
Sorento(UM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	4th Gear Lamp
Sorento(UM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	5th Gear Lamp
Sorento(UM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	6th Gear Lamp
Sorento(UM)	2015	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sorento(UM)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sorento(UM)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sorento(UM)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sorento(UM)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sorento(UM)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sorento(UM)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sorento(UM)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Sorento(UM)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Sorento(UM)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Sorento(UM)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Sorento(UM)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Sorento(UM)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sorento(UM)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sorento(UM)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading

model	year	area	system	function	subfunction
Sorento(UM)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Version Information	
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	HAC Brake Lamp Actuator
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Lamp
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Release Motor RH(Caliper Type Only)
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Apply Motor RH(Caliper Type Only)
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Release Motor LH(Caliper Type Only)
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Apply Motor LH(Caliper Type Only)
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Release(Cable Type Only)
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Apply(Cable Type
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	EPB Warning Lamp-ON
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	EPB Warning Lamp-OFF
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	EPB Status Lamp-ON
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	EPB Status Lamp-OFF
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	Steering Angle Sensor Calibration
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Sorento(UMA)-For Mexico only	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Sorento(UMA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Version Information	
Sorento(UMA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Read Fault Code	
Sorento(UMA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Clear Fault Memory	
Sorento(UMA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Read Data Stream	
Sorento(UMA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sorento(UMA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sorento(UMA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sorento(UMA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sorento(UMA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sorento(UMA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sorento(UMA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sorento(UMA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sorento(UMA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sorento(UMA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sorento(UMA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sorento(UMA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-1Step
Sorento(UMA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-2Step
Sorento(UMA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-3Step
Sorento(UMA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-4Step

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-5Step
Sorento(UMA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-6Step
Sorento(UMA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-7Step
Sorento(UMA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-8Step
Sorento(UMA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	E-Comp-On
Sorento(UMA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	E-Comp-Off
Sorento(UMA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Sorento(UMA)-For Mexico only	2016	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Close
Sorento(UMA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Sorento(UMA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Sorento(UMA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Sorento(UMA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Sorento(UMA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Sorento(UMA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Sorento(UMA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL normal position

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Middle(Center)Position
Sorento(UMA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	DBL(Dynamic Bending Light)Max(RH)Position
Sorento(UMA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	DBL(Dynamic Bending Light)Middle Position-Center
Sorento(UMA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	DBL(Dynamic Bending Light)Max(LH)Position
Sorento(UMA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class C
Sorento(UMA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class V
Sorento(UMA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class E
Sorento(UMA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class E1
Sorento(UMA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class E2
Sorento(UMA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class HIGH
Sorento(UMA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class W
Sorento(UMA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test LED OFF
Sorento(UMA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SBL Function Test SBL LH ON
Sorento(UMA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SBL Function Test SBL RH ON

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SBL function Test SBL ON(ALL)
Sorento(UMA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	AFLS AIM'G Mode
Sorento(UMA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Sorento(UMA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Setting&Zero position Initial
Sorento(UMA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Download
Sorento(UMA)-For Mexico only	2016	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Calibration
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Version Information	
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Read Fault Code	
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Clear Fault Memory	
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Read Data Stream	
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS Off Indicator)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp Output(Option)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay(with Safety P/WDW Enable)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Up Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to PTGM)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to PTGM)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator(Option)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator(Option)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator(Option)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer Left(Option)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer Right(Option)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination(Manual Key Type)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Output
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Indicator
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Map Lamp Output
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Alt'L Signal Out
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Lamp Output
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Washer Motor Output

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Washer Motor Output
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	3Lh SBR Left Indicator
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	3Rh SBR Center Indicator
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Safety ECU Enable Output(High)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Heated Washer Nozzle Output
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Defogger Indicator
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Heated Glass Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	EMS Wakeup Output
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Fuel Door Open Solenoid Output
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Mood Lamp 1 Output
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Mood Lamp 2 Output
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Mood Lamp 3 Output
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Position Horizontal Output
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Position Vertical Output
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Signal

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Power Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window Auto Up
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window Auto Down
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window Up
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window Down
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Highest Position
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Lowest Position
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Left Position
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Right Position
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Fold
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Unfold
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Puddle Lamp
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Lock

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Unlock
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Repeater
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	BSD Indicator
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Courtesy Lamp
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Heater Control
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Auto Up
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Auto Down
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Up
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Down
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Pocket Light Output(Option)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Illumination
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Window Lock to Assist Door Module
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window Auto Up

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window Auto Down
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window Up
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window Down
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Highest Position
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Lowest Position
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Left Position
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Right Position
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Fold
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Unfold
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Drive Side Puddle Lamp
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Lock
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Side Repeater

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Courtesy Lamp
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Heater Control
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Window Auto Up
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Auto Down
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Up
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Down
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Auto Up
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Auto Down
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Up
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Down
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Auto Down
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Up
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Down
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Window Lock to Driver Door Module
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Pocket Lamp(Both Left and Right)

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Mood Lamp(Both Left and Right)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Courtesy Lamp
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Courtesy Lamp
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Door Curtain Up(Only Windows Close
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Door Curtain Down(Only Windows Close Status)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Door Curtain Up(Only Windows Close
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Door Curtain Down(Only Windows Close Status)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist BSD Indicator
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain re-Initialize
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear illumination
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(Headrest
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(Headrest
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Foremost Position(Cushion Extension)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Last Position(Cushion Extension)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay(Option)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Parasitic Current Auto-Block IPS
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt Indicator
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt Indicator
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt Indicator
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left/Right
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Right
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	High Mounted Stop Lamp Output
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	RL Door Lock Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	RL Door Unlock Relay
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Up
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Down
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Left
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Right
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window DOWN
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window UP

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window DOWN
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LOCK
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Courtesy Lamp
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Power Window UP
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Power Window DOWN
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window UP
Sorento(UMA)-For Mexico only	2016	General Area	BCM(Body Control Module)	Special Function	CLU Variant Coding
Sorento(UMA)-For Mexico only	2016	General Area	CCS(Cruise Control System)	Version Information	
Sorento(UMA)-For Mexico only	2016	General Area	CCS(Cruise Control System)	Read Fault Code	
Sorento(UMA)-For Mexico only	2016	General Area	CCS(Cruise Control System)	Clear Fault Memory	
Sorento(UMA)-For Mexico only	2016	General Area	CCS(Cruise Control System)	Read Data Stream	
Sorento(UMA)-For Mexico only	2016	General Area	CCS(Cruise Control System)	Special Function	SCC Alignment
Sorento(UMA)-For Mexico only	2016	General Area	Central Gateway	Version Information	
Sorento(UMA)-For Mexico only	2016	General Area	Central Gateway	Read Fault Code	
Sorento(UMA)-For Mexico only	2016	General Area	Central Gateway	Clear Fault Memory	

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	Central Gateway	Special Function	Erase Network Configuration
Sorento(UMA)-For Mexico only	2016	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sorento(UMA)-For Mexico only	2016	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sorento(UMA)-For Mexico only	2016	General Area	Driveshaft	Version Information	
Sorento(UMA)-For Mexico only	2016	General Area	Driveshaft	Read Fault Code	
Sorento(UMA)-For Mexico only	2016	General Area	Driveshaft	Clear Fault Memory	
Sorento(UMA)-For Mexico only	2016	General Area	Driveshaft	Read Data Stream	
Sorento(UMA)-For Mexico only	2016	General Area	Driveshaft	Actuation Test	Torque Coupling Control
Sorento(UMA)-For Mexico only	2016	General Area	Driveshaft	Actuation Test	AWD/LOCK Mode Select
Sorento(UMA)-For Mexico only	2016	General Area	Driveshaft	Actuation Test	4WD Lamp Control
Sorento(UMA)-For Mexico only	2016	General Area	Driveshaft	Special Function	Clutch Learning Reset
Sorento(UMA)-For Mexico only	2016	General Area	Driveshaft	Special Function	Clutch Learning Read
Sorento(UMA)-For Mexico only	2016	General Area	Driveshaft	Special Function	Clutch Learning Write
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Version Information	
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Read Data Stream	
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-High
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-Low
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#1
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#2
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#3
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#4
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#5
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#6
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#7
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#8
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	TEC Learn
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	VCM Type VIS 2
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 1

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 2
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 3
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 4
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 5
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 6
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	GDI High Pressure Offset
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2 Only)
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G ROOM)(LPI)
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator Lamp(LPI)
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High Speed
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low Speed
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Option)
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible fuel
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Valve
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	Electrically Controlled Water Pump

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Nu LPI Option)
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Theta LPI Option)
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Special Function	Resetting E-CVVT Values
Sorento(UMA)-For Mexico only	2016	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sorento(UMA)-For Mexico only	2016	General Area	IMMO(Immobilizer)	Read Fault Code	
Sorento(UMA)-For Mexico only	2016	General Area	IMMO(Immobilizer)	Clear Fault Memory	
Sorento(UMA)-For Mexico only	2016	General Area	IMMO(Immobilizer)	Read Data Stream	
Sorento(UMA)-For Mexico only	2016	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changing

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sorento(UMA)-For Mexico only	2016	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sorento(UMA)-For Mexico only	2016	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sorento(UMA)-For Mexico only	2016	General Area	LDWS(Lane Departure Warning System)	Version Information	
Sorento(UMA)-For Mexico only	2016	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Sorento(UMA)-For Mexico only	2016	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Sorento(UMA)-For Mexico only	2016	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Sorento(UMA)-For Mexico only	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Activation Switch LED
Sorento(UMA)-For Mexico only	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Left
Sorento(UMA)-For Mexico only	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Right
Sorento(UMA)-For Mexico only	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	ALL LEDs
Sorento(UMA)-For Mexico only	2016	General Area	LDWS(Lane Departure Warning System)	Special Function	SPTAC Calibration
Sorento(UMA)-For Mexico only	2016	General Area	LDWS(Lane Departure Warning System)	Special Function	SPC Calibration
Sorento(UMA)-For Mexico only	2016	General Area	LDWS(Lane Departure Warning System)	Special Function	LKAS/LDWS Variant Coding
Sorento(UMA)-For Mexico only	2016	General Area	MDPS(Motor Driven Power Steering)	Version Information	

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Sorento(UMA)-For Mexico only	2016	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Sorento(UMA)-For Mexico only	2016	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Sorento(UMA)-For Mexico only	2016	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Sorento(UMA)-For Mexico only	2016	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Sorento(UMA)-For Mexico only	2016	General Area	MDPS(Motor Driven Power Steering)	Special Function	Power Steering ECU
Sorento(UMA)-For Mexico only	2016	General Area	MDPS(Motor Driven Power Steering)	Special Function	Power Steering Motor
Sorento(UMA)-For Mexico only	2016	General Area	Smart Key Unit	Version Information	
Sorento(UMA)-For Mexico only	2016	General Area	Smart Key Unit	Read Fault Code	
Sorento(UMA)-For Mexico only	2016	General Area	Smart Key Unit	Clear Fault Memory	
Sorento(UMA)-For Mexico only	2016	General Area	Smart Key Unit	Read Data Stream	
Sorento(UMA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Sorento(UMA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Sorento(UMA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Sorento(UMA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	SSB LED White

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Sorento(UMA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Sorento(UMA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Sorento(UMA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	ACC Relay
Sorento(UMA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Sorento(UMA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Sorento(UMA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	Starter Relay
Sorento(UMA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	External Buzzer
Sorento(UMA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Sorento(UMA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Sorento(UMA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Sorento(UMA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Sorento(UMA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	Stop Wireless Charge during FOB Searching
Sorento(UMA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna 1
Sorento(UMA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna 2

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Sorento(UMA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna 3
Sorento(UMA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Sorento(UMA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Sorento(UMA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Sorento(UMA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Sorento(UMA)-For Mexico only	2016	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Sorento(UMA)-For Mexico only	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sorento(UMA)-For Mexico only	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sorento(UMA)-For Mexico only	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sorento(UMA)-For Mexico only	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sorento(UMA)-For Mexico only	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Sorento(UMA)-For Mexico only	2016	General Area	SVMS(Surround View Monitor System)	Version Information	
Sorento(UMA)-For Mexico only	2016	General Area	SVMS(Surround View Monitor System)	Read Fault Code	
Sorento(UMA)-For Mexico only	2016	General Area	SVMS(Surround View Monitor System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	SVMS(Surround View Monitor System)	Read Data Stream	
Sorento(UMA)-For Mexico only	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-SVM View
Sorento(UMA)-For Mexico only	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-SVM View
Sorento(UMA)-For Mexico only	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Left View
Sorento(UMA)-For Mexico only	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Left View
Sorento(UMA)-For Mexico only	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Right View
Sorento(UMA)-For Mexico only	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Right View
Sorento(UMA)-For Mexico only	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Wide View
Sorento(UMA)-For Mexico only	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Wide View
Sorento(UMA)-For Mexico only	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 25%
Sorento(UMA)-For Mexico only	2016	General Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 100%
Sorento(UMA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Version Information	
Sorento(UMA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sorento(UMA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sorento(UMA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sorento(UMA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sorento(UMA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sorento(UMA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sorento(UMA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sorento(UMA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sorento(UMA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sorento(UMA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sorento(UMA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	1st Gear Lamp
Sorento(UMA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear Lamp
Sorento(UMA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear Lamp
Sorento(UMA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	4th Gear Lamp
Sorento(UMA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	5th Gear Lamp
Sorento(UMA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Actuation Test	6th Gear Lamp
Sorento(UMA)-For Mexico only	2016	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	Telematics Unit	Version Information	
Sorento(UMA)-For Mexico only	2016	General Area	Telematics Unit	Read Fault Code	
Sorento(UMA)-For Mexico only	2016	General Area	Telematics Unit	Clear Fault Memory	
Sorento(UMA)-For Mexico only	2016	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sorento(UMA)-For Mexico only	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sorento(UMA)-For Mexico only	2016	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sorento(UMA)-For Mexico only	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sorento(UMA)-For Mexico only	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sorento(UMA)-For Mexico only	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sorento(UMA)-For Mexico only	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Sorento(UMA)-For Mexico only	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Sorento(UMA)-For Mexico only	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Sorento(UMA)-For Mexico only	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Sorento(UMA)-For Mexico only	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Sorento(UMA)-For Mexico only	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN

model	year	area	system	function	subfunction
Sorento(UMA)-For Mexico only	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sorento(UMA)-For Mexico only	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sorento(UMA)-For Mexico only	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Version	
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Read Fault Code	
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Clear Fault	
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Read Data	
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Vent
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Floor

model	year	area	system	function	subfunction
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defog
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-VENT-0%
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-TEMP-50%
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Sorento(XM)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Sorento(XM)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Sorento(XM)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Sorento(XM)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Sorento(XM)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Sorento(XM)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Sorento(XM)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position

model	year	area	system	function	subfunction
Sorento(XM)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	DBL(Dynamic Bending Light)Max(LH)Position
Sorento(XM)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	DBL(Dynamic Bending Light)Max(RH)Position
Sorento(XM)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL normal position
Sorento(XM)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Calibration
Sorento(XM)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Download
Sorento(XM)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Sorento(XM)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Setting&Zero position Initial
Sorento(XM)	2015	General Area	AHS(Active Hood System)	Version Information	
Sorento(XM)	2015	General Area	AHS(Active Hood System)	Read Fault Code	
Sorento(XM)	2015	General Area	AHS(Active Hood System)	Clear Fault Memory	
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Version Information	
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Read Fault Code	
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Clear Fault Memory	
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Read Data Stream	
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Output
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Output
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	2-Turn Unlock/Dead Lock Output
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Output
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low Output
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Output

model	year	area	system	function	subfunction
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Output
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Start inhibit Output
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Power Window Output
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output(RH)
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Output
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Output(RH)
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output(RH)
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low GND Control Output
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Output
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Output
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Output
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Parking Assist System Buzzer
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Defogger Output
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Seat Warmer Output-Rear Left
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Seat Warmer Output-Rear
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output

model	year	area	system	function	subfunction
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	DRL Europe Output(Dedicated Lamp)
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	RPAS Off Switch Indicator
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	MTS B/Alarm Event Signal Output(MTS TX)
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Cornering Lamp Right Output
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Cornering Lamp Left Output
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Actuation Test	Interior Tail Lamp Output
Sorento(XM)	2015	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting
Sorento(XM)	2015	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sorento(XM)	2015	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sorento(XM)	2015	General Area	Driveshaft	Version	
Sorento(XM)	2015	General Area	Driveshaft	Read Fault Code	
Sorento(XM)	2015	General Area	Driveshaft	Clear Fault	
Sorento(XM)	2015	General Area	Driveshaft	Read Data	
Sorento(XM)	2015	General Area	Driveshaft	Actuation Test	Torque Coupling Control
Sorento(XM)	2015	General Area	Driveshaft	Actuation Test	AWD/LOCK Mode Select
Sorento(XM)	2015	General Area	Driveshaft	Actuation Test	4WD Lamp
Sorento(XM)	2015	General Area	Driveshaft	Special Function	Clutch Learning Reset
Sorento(XM)	2015	General Area	Driveshaft	Special Function	Clutch Learning Read
Sorento(XM)	2015	General Area	Driveshaft	Special Function	Clutch Learning Write
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Version Information	

model	year	area	system	function	subfunction
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Read Fault Code	
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Read Data Stream	
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-High
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-Low
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	TEC Learn
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VCM Type VIS 2
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 1

model	year	area	system	function	subfunction
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 2
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 3
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 4
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 5
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 6
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GDI High Pressure Offset
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main

model	year	area	system	function	subfunction
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 15%
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%

model	year	area	system	function	subfunction
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 500 RPM
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 4000 RPM
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Alternator Control(Option)
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 5%
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 95%
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 5%
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 95%
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Special Function	ECU Tuning Data Confirm

model	year	area	system	function	subfunction
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Special Function	Fuel Line Air Remove
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Special Function	Essential Work After Component Replacement
Sorento(XM)	2015	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Sorento(XM)	2015	General Area	ESP(Electronic Stability Program)	Version Information	
Sorento(XM)	2015	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Sorento(XM)	2015	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sorento(XM)	2015	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Sorento(XM)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Sorento(XM)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Sorento(XM)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sorento(XM)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sorento(XM)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Sorento(XM)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sorento(XM)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Sorento(XM)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sorento(XM)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sorento(XM)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Sorento(XM)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Sorento(XM)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Sorento(XM)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Sorento(XM)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front

model	year	area	system	function	subfunction
Sorento(XM)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Sorento(XM)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Sorento(XM)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Sorento(XM)	2015	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Sorento(XM)	2015	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sorento(XM)	2015	General Area	ESP(Electronic Stability Program)	Special Function	SAS Calibration(CAN-ESP Only)
Sorento(XM)	2015	General Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Sorento(XM)	2015	General Area	ESP(Electronic Stability Program)	Special Function	Variant Coding
Sorento(XM)	2015	General Area	IMMO(Immobilizer)	Read Data	
Sorento(XM)	2015	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sorento(XM)	2015	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sorento(XM)	2015	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sorento(XM)	2015	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sorento(XM)	2015	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sorento(XM)	2015	General Area	LDWS(Lane Departure Warning System)	Version Information	
Sorento(XM)	2015	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Sorento(XM)	2015	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Sorento(XM)	2015	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Sorento(XM)	2015	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Activation Switch LED
Sorento(XM)	2015	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Left
Sorento(XM)	2015	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Right

model	year	area	system	function	subfunction
Sorento(XM)	2015	General Area	LDWS(Lane Departure Warning System)	Special Function	BSD Radar Calibration
Sorento(XM)	2015	General Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Variant Coding
Sorento(XM)	2015	General Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Reference Point Calibration
Sorento(XM)	2015	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Sorento(XM)	2015	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Sorento(XM)	2015	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Sorento(XM)	2015	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Sorento(XM)	2015	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Sorento(XM)	2015	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Sorento(XM)	2015	General Area	Smart Key Unit	Version	
Sorento(XM)	2015	General Area	Smart Key Unit	Read Fault Code	
Sorento(XM)	2015	General Area	Smart Key Unit	Clear Fault	
Sorento(XM)	2015	General Area	Smart Key Unit	Read Data	
Sorento(XM)	2015	General Area	Smart Key Unit	Actuation Test	External Buzzer
Sorento(XM)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Sorento(XM)	2015	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Sorento(XM)	2015	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Red
Sorento(XM)	2015	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Sorento(XM)	2015	General Area	Smart Key Unit	Actuation Test	ACC Relay
Sorento(XM)	2015	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Sorento(XM)	2015	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Sorento(XM)	2015	General Area	Smart Key Unit	Actuation Test	START Relay
Sorento(XM)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sorento(XM)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sorento(XM)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sorento(XM)	2015	General Area	Smart Key Unit	Actuation Test	Trunk Antenna(Sedan Only)
Sorento(XM)	2015	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Sorento(XM)	2015	General Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna

model	year	area	system	function	subfunction
Sorento(XM)	2015	General Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
Sorento(XM)	2015	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Sorento(XM)	2015	General Area	Smart Key Unit	Special Function	Neutralization Mode
Sorento(XM)	2015	General Area	Smart Key Unit	Special Function	SMK Status Information
Sorento(XM)	2015	General Area	Smart Key Unit	Special Function	ESCL Status Information
Sorento(XM)	2015	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Sorento(XM)	2015	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Sorento(XM)	2015	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Sorento(XM)	2015	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Sorento(XM)	2015	General Area	Smart Key Unit	Special Function	Antenna Status Check
Sorento(XM)	2015	General Area	SPAS(Smart Parking Assist System)	Version Information	
Sorento(XM)	2015	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Sorento(XM)	2015	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Sorento(XM)	2015	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Sorento(XM)	2015	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation
Sorento(XM)	2015	General Area	SPAS(Smart Parking Assist System)	Special Function	SPAS Variant Coding
Sorento(XM)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sorento(XM)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sorento(XM)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sorento(XM)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	

model	year	area	system	function	subfunction
Sorento(XM)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Sorento(XM)	2015	General Area	TCM(Transmission Control Module)	Version Information	
Sorento(XM)	2015	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sorento(XM)	2015	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sorento(XM)	2015	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sorento(XM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sorento(XM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sorento(XM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sorento(XM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sorento(XM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sorento(XM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sorento(XM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sorento(XM)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sorento(XM)	2015	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sorento(XM)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sorento(XM)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sorento(XM)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sorento(XM)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	

model	year	area	system	function	subfunction
Sorento(XM)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sorento(XM)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sorento(XM)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Sorento(XM)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Sorento(XM)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Sorento(XM)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Sorento(XM)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Sorento(XM)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sorento(XM)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sorento(XM)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sorento(XM)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sorento(XM)	2014	General Area	4WD Control	Version	
Sorento(XM)	2014	General Area	4WD Control	Read Fault Code	
Sorento(XM)	2014	General Area	4WD Control	Clear Fault	
Sorento(XM)	2014	General Area	4WD Control	Read Data	
Sorento(XM)	2014	General Area	4WD Control	Actuation Test	Torque Coupling Control
Sorento(XM)	2014	General Area	4WD Control	Actuation Test	AWD/LOCK Mode Select
Sorento(XM)	2014	General Area	4WD Control	Actuation Test	4WD Lamp
Sorento(XM)	2014	General Area	4WD Control	Special Function	Clutch Learning Reset
Sorento(XM)	2014	General Area	4WD Control	Special Function	Clutch Learning Read
Sorento(XM)	2014	General Area	4WD Control	Special Function	Clutch Learning Write
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Version	
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Read Fault Code	
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Clear Fault	
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Read Data	
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off

model	year	area	system	function	subfunction
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Vent
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Floor
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defog
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-VENT-0%
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%

model	year	area	system	function	subfunction
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-TEMP-50%
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Sorento(XM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Sorento(XM)	2014	General Area	AHS(Active Hood System)	Version Information	
Sorento(XM)	2014	General Area	AHS(Active Hood System)	Read Fault Code	
Sorento(XM)	2014	General Area	AHS(Active Hood System)	Clear Fault Memory	
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Version Information	
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Read Fault Code	
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Clear Fault Memory	
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Read Data Stream	
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Output
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Output
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	2-Turn Unlock/Dead Lock Output
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Output
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low Output
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Output
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Output
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Start inhibit Output

model	year	area	system	function	subfunction
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Window Output
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output(RH)
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Output
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Output(RH)
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output(RH)
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low GND Control Output
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Output
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Output
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Output
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Parking Assist System Buzzer
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Defogger Output
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Seat Warmer Output-Rear Left
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Seat Warmer Output-Rear
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	DRL Europe Output(Dedicated Lamp)

model	year	area	system	function	subfunction
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	RPAS Off Switch Indicator
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	MTS B/Alarm Event Signal Output(MTS TX)
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Cornering Lamp Right Output
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Cornering Lamp Left Output
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Interior Tail Lamp Output
Sorento(XM)	2014	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting
Sorento(XM)	2014	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sorento(XM)	2014	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Version Information	
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Read Fault Code	
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Read Data Stream	
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)

model	year	area	system	function	subfunction
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-High
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-Low
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7

model	year	area	system	function	subfunction
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	TEC Learn
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VCM Type VIS 2
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 1
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 2
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 3
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 4
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 5
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 6
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	GDI High Pressure Offset
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G

model	year	area	system	function	subfunction
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay

model	year	area	system	function	subfunction
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 15%
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 500 RPM
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 4000 RPM
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Alternator Control(Option)
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 5%
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 95%
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 5%

model	year	area	system	function	subfunction
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 95%
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Special Function	ECU Tuning Data Confirm
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Special Function	Fuel Line Air Remove
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Special Function	Essential Work After Component Replacement
Sorento(XM)	2014	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Sorento(XM)	2014	General Area	ESP(Electronic Stability Program)	Version Information	
Sorento(XM)	2014	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Sorento(XM)	2014	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sorento(XM)	2014	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Sorento(XM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor

model	year	area	system	function	subfunction
Sorento(XM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Sorento(XM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sorento(XM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sorento(XM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Sorento(XM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sorento(XM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Sorento(XM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sorento(XM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sorento(XM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Sorento(XM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Sorento(XM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Sorento(XM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Sorento(XM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Sorento(XM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Sorento(XM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Sorento(XM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Sorento(XM)	2014	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Sorento(XM)	2014	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sorento(XM)	2014	General Area	ESP(Electronic Stability Program)	Special Function	SAS Calibration(CAN-ESP Only)

model	year	area	system	function	subfunction
Sorento(XM)	2014	General Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor Calibration(HAC/ DBC Only)
Sorento(XM)	2014	General Area	ESP(Electronic Stability Program)	Special Function	Variant Coding
Sorento(XM)	2014	General Area	Head Lamp	Version	
Sorento(XM)	2014	General Area	Head Lamp	Read Fault Code	
Sorento(XM)	2014	General Area	Head Lamp	Clear Fault	
Sorento(XM)	2014	General Area	Head Lamp	Read Data	
Sorento(XM)	2014	General Area	Head Lamp	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Sorento(XM)	2014	General Area	Head Lamp	Actuation Test	HLL(Head Lamp Leveling)Max(Hig h)Position
Sorento(XM)	2014	General Area	Head Lamp	Actuation Test	HLL normal position
Sorento(XM)	2014	General Area	Head Lamp	Actuation Test	DBL(Dynamic Bending Light)Max(LH)Pos ition
Sorento(XM)	2014	General Area	Head Lamp	Actuation Test	DBL(Dynamic Bending Light)Max(RH)Pos ition
Sorento(XM)	2014	General Area	Head Lamp	Special Function	Headlamp
Sorento(XM)	2014	General Area	Head Lamp	Special Function	Parameter Setting&Zero position Initial
Sorento(XM)	2014	General Area	Head Lamp	Special Function	Calibration
Sorento(XM)	2014	General Area	Head Lamp	Special Function	Parameter Download
Sorento(XM)	2014	General Area	IMMO(Immobilizer)	Read Data	
Sorento(XM)	2014	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sorento(XM)	2014	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sorento(XM)	2014	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sorento(XM)	2014	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sorento(XM)	2014	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sorento(XM)	2014	General Area	LDWS(Lane Departure Warning System)	Version Information	
Sorento(XM)	2014	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	

model	year	area	system	function	subfunction
Sorento(XM)	2014	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Sorento(XM)	2014	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Sorento(XM)	2014	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Activation Switch LED
Sorento(XM)	2014	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Left
Sorento(XM)	2014	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Right
Sorento(XM)	2014	General Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Variant Coding
Sorento(XM)	2014	General Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Reference Point Calibration
Sorento(XM)	2014	General Area	LDWS(Lane Departure Warning System)	Special Function	BSD Radar Calibration
Sorento(XM)	2014	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Sorento(XM)	2014	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Sorento(XM)	2014	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Sorento(XM)	2014	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Sorento(XM)	2014	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Sorento(XM)	2014	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Sorento(XM)	2014	General Area	Smart Key Unit	Version	
Sorento(XM)	2014	General Area	Smart Key Unit	Read Fault Code	
Sorento(XM)	2014	General Area	Smart Key Unit	Clear Fault	
Sorento(XM)	2014	General Area	Smart Key Unit	Read Data	
Sorento(XM)	2014	General Area	Smart Key Unit	Actuation Test	External Buzzer
Sorento(XM)	2014	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Sorento(XM)	2014	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Sorento(XM)	2014	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Red
Sorento(XM)	2014	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Sorento(XM)	2014	General Area	Smart Key Unit	Actuation Test	ACC Relay
Sorento(XM)	2014	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Sorento(XM)	2014	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Sorento(XM)	2014	General Area	Smart Key Unit	Actuation Test	START Relay
Sorento(XM)	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna

model	year	area	system	function	subfunction
Sorento(XM)	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sorento(XM)	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sorento(XM)	2014	General Area	Smart Key Unit	Actuation Test	Trunk Antenna(Sedan Only)
Sorento(XM)	2014	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Sorento(XM)	2014	General Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna
Sorento(XM)	2014	General Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
Sorento(XM)	2014	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Sorento(XM)	2014	General Area	Smart Key Unit	Special Function	Neutralization Mode
Sorento(XM)	2014	General Area	Smart Key Unit	Special Function	SMK Status Information
Sorento(XM)	2014	General Area	Smart Key Unit	Special Function	ESCL Status Information
Sorento(XM)	2014	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Sorento(XM)	2014	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Sorento(XM)	2014	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Sorento(XM)	2014	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Sorento(XM)	2014	General Area	Smart Key Unit	Special Function	Antenna Status Check
Sorento(XM)	2014	General Area	SPAS(Smart Parking Assist System)	Version Information	
Sorento(XM)	2014	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Sorento(XM)	2014	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Sorento(XM)	2014	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Sorento(XM)	2014	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation
Sorento(XM)	2014	General Area	SPAS(Smart Parking Assist System)	Special Function	SPAS Variant Coding
Sorento(XM)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	

model	year	area	system	function	subfunction
Sorento(XM)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sorento(XM)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sorento(XM)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sorento(XM)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Sorento(XM)	2014	General Area	TCM(Transmission Control Module)	Version Information	
Sorento(XM)	2014	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sorento(XM)	2014	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sorento(XM)	2014	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sorento(XM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sorento(XM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sorento(XM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sorento(XM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sorento(XM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sorento(XM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sorento(XM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sorento(XM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve

model	year	area	system	function	subfunction
Sorento(XM)	2014	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sorento(XM)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sorento(XM)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sorento(XM)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sorento(XM)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sorento(XM)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sorento(XM)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sorento(XM)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Sorento(XM)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Sorento(XM)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Sorento(XM)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Sorento(XM)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Sorento(XM)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sorento(XM)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sorento(XM)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sorento(XM)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sorento(XM)	2013	General Area	4WD Control	Version	
Sorento(XM)	2013	General Area	4WD Control	Read Fault Code	
Sorento(XM)	2013	General Area	4WD Control	Clear Fault	
Sorento(XM)	2013	General Area	4WD Control	Read Data	
Sorento(XM)	2013	General Area	4WD Control	Actuation Test	Torque Coupling Control
Sorento(XM)	2013	General Area	4WD Control	Actuation Test	AWD/LOCK Mode Select
Sorento(XM)	2013	General Area	4WD Control	Actuation Test	4WD Lamp
Sorento(XM)	2013	General Area	4WD Control	Special Function	Clutch Learning Reset
Sorento(XM)	2013	General Area	4WD Control	Special Function	Clutch Learning Read

model	year	area	system	function	subfunction
Sorento(XM)	2013	General Area	4WD Control	Special Function	Clutch Learning Write
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Version	
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Read Fault Code	
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Clear Fault	
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Read Data	
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Vent
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Floor
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defog
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation

model	year	area	system	function	subfunction
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-VENT-0%
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-TEMP-50%
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Sorento(XM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Sorento(XM)	2013	General Area	AHS(Active Hood System)	Version Information	
Sorento(XM)	2013	General Area	AHS(Active Hood System)	Read Fault Code	
Sorento(XM)	2013	General Area	AHS(Active Hood System)	Clear Fault Memory	
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Version Information	
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Read Fault Code	
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Clear Fault Memory	
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Read Data Stream	
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Output
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Output
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	2-Turn Unlock/Dead Lock Output

model	year	area	system	function	subfunction
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Output
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low Output
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Output
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Output
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Start inhibit Output
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Window Output
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output(RH)
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Output
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Output(RH)
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output(RH)
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low GND Control Output
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Output
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Output
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Output
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Parking Assist System Buzzer
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Defogger Output
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Seat Warmer Output-Rear Left
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Seat Warmer Output-Rear

model	year	area	system	function	subfunction
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	DRL Europe Output(Dedicated Lamp)
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	RPAS Off Switch Indicator
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	MTS B/Alarm Event Signal Output(MTS TX)
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Cornering Lamp Right Output
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Cornering Lamp Left Output
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Interior Tail Lamp Output
Sorento(XM)	2013	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting
Sorento(XM)	2013	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sorento(XM)	2013	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Version Information	
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Read Fault Code	
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Read Data Stream	
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp

model	year	area	system	function	subfunction
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-High
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-Low
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2

model	year	area	system	function	subfunction
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	TEC Learn
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VCM Type VIS 2
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 1
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 2
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 3
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 4
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 5

model	year	area	system	function	subfunction
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 6
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	GDI High Pressure Offset
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)

model	year	area	system	function	subfunction
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 15%
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 500 RPM
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 4000 RPM
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%

model	year	area	system	function	subfunction
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Alternator Control(Option)
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 5%
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 95%
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 5%
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 95%
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Special Function	ECU Tuning Data Confirm
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Special Function	Fuel Line Air Remove
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Special Function	Essential Work After Component Replacement

model	year	area	system	function	subfunction
Sorento(XM)	2013	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Sorento(XM)	2013	General Area	ESP(Electronic Stability Program)	Version Information	
Sorento(XM)	2013	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Sorento(XM)	2013	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sorento(XM)	2013	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Sorento(XM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Sorento(XM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Sorento(XM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sorento(XM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sorento(XM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Sorento(XM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sorento(XM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Sorento(XM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sorento(XM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sorento(XM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Sorento(XM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Sorento(XM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Sorento(XM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Sorento(XM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Sorento(XM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Sorento(XM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Sorento(XM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)

model	year	area	system	function	subfunction
Sorento(XM)	2013	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Sorento(XM)	2013	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sorento(XM)	2013	General Area	ESP(Electronic Stability Program)	Special Function	SAS Calibration(CAN-ESP Only)
Sorento(XM)	2013	General Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Sorento(XM)	2013	General Area	ESP(Electronic Stability Program)	Special Function	Variant Coding
Sorento(XM)	2013	General Area	Head Lamp	Version	
Sorento(XM)	2013	General Area	Head Lamp	Read Fault Code	
Sorento(XM)	2013	General Area	Head Lamp	Clear Fault	
Sorento(XM)	2013	General Area	Head Lamp	Read Data	
Sorento(XM)	2013	General Area	Head Lamp	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Sorento(XM)	2013	General Area	Head Lamp	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Sorento(XM)	2013	General Area	Head Lamp	Actuation Test	HLL normal position
Sorento(XM)	2013	General Area	Head Lamp	Actuation Test	DBL(Dynamic Bending Light)Max(LH)Position
Sorento(XM)	2013	General Area	Head Lamp	Actuation Test	DBL(Dynamic Bending Light)Max(RH)Position
Sorento(XM)	2013	General Area	Head Lamp	Special Function	Headlamp
Sorento(XM)	2013	General Area	Head Lamp	Special Function	Parameter Setting&Zero position Initial
Sorento(XM)	2013	General Area	Head Lamp	Special Function	Calibration
Sorento(XM)	2013	General Area	Head Lamp	Special Function	Parameter Download
Sorento(XM)	2013	General Area	IMMO(Immobilizer)	Read Data	
Sorento(XM)	2013	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sorento(XM)	2013	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode

model	year	area	system	function	subfunction
Sorento(XM)	2013	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sorento(XM)	2013	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sorento(XM)	2013	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sorento(XM)	2013	General Area	LDWS(Lane Departure Warning System)	Version Information	
Sorento(XM)	2013	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Sorento(XM)	2013	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Sorento(XM)	2013	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Sorento(XM)	2013	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Activation Switch LED
Sorento(XM)	2013	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Left
Sorento(XM)	2013	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Right
Sorento(XM)	2013	General Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Variant Coding
Sorento(XM)	2013	General Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Reference Point Calibration
Sorento(XM)	2013	General Area	LDWS(Lane Departure Warning System)	Special Function	BSD Radar Calibration
Sorento(XM)	2013	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Sorento(XM)	2013	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Sorento(XM)	2013	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Sorento(XM)	2013	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Sorento(XM)	2013	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Sorento(XM)	2013	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Sorento(XM)	2013	General Area	Smart Key Unit	Version	
Sorento(XM)	2013	General Area	Smart Key Unit	Read Fault Code	
Sorento(XM)	2013	General Area	Smart Key Unit	Clear Fault	
Sorento(XM)	2013	General Area	Smart Key Unit	Read Data	
Sorento(XM)	2013	General Area	Smart Key Unit	Actuation Test	External Buzzer
Sorento(XM)	2013	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Sorento(XM)	2013	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber

model	year	area	system	function	subfunction
Sorento(XM)	2013	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Red
Sorento(XM)	2013	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Sorento(XM)	2013	General Area	Smart Key Unit	Actuation Test	ACC Relay
Sorento(XM)	2013	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Sorento(XM)	2013	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Sorento(XM)	2013	General Area	Smart Key Unit	Actuation Test	START Relay
Sorento(XM)	2013	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sorento(XM)	2013	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sorento(XM)	2013	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sorento(XM)	2013	General Area	Smart Key Unit	Actuation Test	Trunk Antenna(Sedan Only)
Sorento(XM)	2013	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Sorento(XM)	2013	General Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna
Sorento(XM)	2013	General Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
Sorento(XM)	2013	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Sorento(XM)	2013	General Area	Smart Key Unit	Special Function	Neutralization Mode
Sorento(XM)	2013	General Area	Smart Key Unit	Special Function	SMK Status Information
Sorento(XM)	2013	General Area	Smart Key Unit	Special Function	ESCL Status Information
Sorento(XM)	2013	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Sorento(XM)	2013	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Sorento(XM)	2013	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Sorento(XM)	2013	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Sorento(XM)	2013	General Area	Smart Key Unit	Special Function	Antenna Status Check
Sorento(XM)	2013	General Area	SPAS(Smart Parking Assist System)	Version Information	
Sorento(XM)	2013	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Sorento(XM)	2013	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Sorento(XM)	2013	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Sorento(XM)	2013	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation
Sorento(XM)	2013	General Area	SPAS(Smart Parking Assist System)	Special Function	SPAS Variant Coding
Sorento(XM)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sorento(XM)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sorento(XM)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sorento(XM)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sorento(XM)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Sorento(XM)	2013	General Area	TCM(Transmission Control Module)	Version Information	
Sorento(XM)	2013	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sorento(XM)	2013	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sorento(XM)	2013	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sorento(XM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sorento(XM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sorento(XM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sorento(XM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sorento(XM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)

model	year	area	system	function	subfunction
Sorento(XM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sorento(XM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sorento(XM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sorento(XM)	2013	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sorento(XM)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sorento(XM)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sorento(XM)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sorento(XM)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sorento(XM)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sorento(XM)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sorento(XM)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Sorento(XM)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Sorento(XM)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Sorento(XM)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Sorento(XM)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Sorento(XM)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sorento(XM)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sorento(XM)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sorento(XM)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sorento(XM)	2012	General Area	4WD Control	Version	
Sorento(XM)	2012	General Area	4WD Control	Read Fault Code	
Sorento(XM)	2012	General Area	4WD Control	Clear Fault	
Sorento(XM)	2012	General Area	4WD Control	Read Data	

model	year	area	system	function	subfunction
Sorento(XM)	2012	General Area	4WD Control	Special Function	Torque Coupling Control
Sorento(XM)	2012	General Area	4WD Control	Special Function	AWD Mode Selection
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Version	
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Read Fault Code	
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Clear Fault	
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Read Data	
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%

model	year	area	system	function	subfunction
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Sorento(XM)	2012	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sorento(XM)	2012	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Sorento(XM)	2012	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Sorento(XM)	2012	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Sorento(XM)	2012	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Sorento(XM)	2012	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Sorento(XM)	2012	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Sorento(XM)	2012	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL failsafe position

model	year	area	system	function	subfunction
Sorento(XM)	2012	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL reference run
Sorento(XM)	2012	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Version Information	
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Read Fault Code	
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Clear Fault Memory	
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Read Data Stream	
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Lock relay
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Unlock relay
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Tailgate unlock relay
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Starter inhibit relay
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Tail lamp
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Head lamp low
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rr Defogger Relay
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)

model	year	area	system	function	subfunction
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Buzzer
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Head lamp washer relay
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Front fog lamp indicator
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Head lamp high
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator(By Cluster
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD power output
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Auto Cut
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Sorento(XM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Sorento(XM)	2012	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sorento(XM)	2012	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Version Information	
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Read Data Stream	
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan 1
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan 2
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4

model	year	area	system	function	subfunction
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2

model	year	area	system	function	subfunction
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)

model	year	area	system	function	subfunction
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 50%
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 78%
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 5%
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 95%
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 5%
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 76%
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 500 RPM
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 4000 RPM
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Alternator Control(Option)
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment

model	year	area	system	function	subfunction
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Special Function	Fuel Line Air Remove
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Sorento(XM)	2012	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Sorento(XM)	2012	General Area	EPS(Electronic Power Steering)	Version Information	
Sorento(XM)	2012	General Area	EPS(Electronic Power Steering)	Read Fault Code	
Sorento(XM)	2012	General Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Sorento(XM)	2012	General Area	EPS(Electronic Power Steering)	Read Data Stream	
Sorento(XM)	2012	General Area	ESP(Electronic Stability Program)	Version Information	
Sorento(XM)	2012	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Sorento(XM)	2012	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sorento(XM)	2012	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Sorento(XM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Sorento(XM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Sorento(XM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front

model	year	area	system	function	subfunction
Sorento(XM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sorento(XM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Sorento(XM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sorento(XM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Sorento(XM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sorento(XM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sorento(XM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Sorento(XM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Sorento(XM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Sorento(XM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Sorento(XM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Sorento(XM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Sorento(XM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Sorento(XM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Sorento(XM)	2012	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset
Sorento(XM)	2012	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sorento(XM)	2012	General Area	IMMO(Immobilizer)	Read Data	
Sorento(XM)	2012	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sorento(XM)	2012	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sorento(XM)	2012	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sorento(XM)	2012	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sorento(XM)	2012	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Version Information	

model	year	area	system	function	subfunction
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Read Fault Code	
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Clear Fault Memory	
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Read Data Stream	
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Actuation Test	Lock relay
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Actuation Test	Unlock relay
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Actuation Test	Dead Lock Relay
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Actuation Test	Tailgate unlock relay
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Actuation Test	Power Window Relay
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Actuation Test	Hazard Lamp Relay(+RK)
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Actuation Test	Burglar horn relay
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Actuation Test	Starter inhibit relay
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Actuation Test	Tail lamp
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Actuation Test	Head lamp low
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Actuation Test	Rear fog lamp relay
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Actuation Test	Rr Defogger Relay
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Actuation Test	Driver seat belt indicator
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Actuation Test	Rear Fog Lamp Indicator
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Actuation Test	Buzzer
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Actuation Test	Room Lamp
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Actuation Test	Assist Seat Belt Indicator

model	year	area	system	function	subfunction
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Actuation Test	Head lamp washer relay
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Actuation Test	Front Fog Lamp
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Actuation Test	Front fog lamp indicator
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Actuation Test	Head lamp high
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Actuation Test	Rear Wiper Relay
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Actuation Test	Head Lamp Low Indicator(By Cluster
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Actuation Test	AV Tail
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Actuation Test	Head Lamp High Indicator
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Actuation Test	Manual HLLD power output
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Actuation Test	Tail Lamp Indicator
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Actuation Test	Over Speed Warning Indicator
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Actuation Test	Parking Brake Indicator
Sorento(XM)	2012	General Area	IPM(Instrument Panel Module)	Actuation Test	Room Lamp Auto Cut
Sorento(XM)	2012	General Area	Power Steering	Version	
Sorento(XM)	2012	General Area	Power Steering	Read Fault Code	
Sorento(XM)	2012	General Area	Power Steering	Clear Fault	
Sorento(XM)	2012	General Area	Power Steering	Read Data	
Sorento(XM)	2012	General Area	Smart Key	Version	
Sorento(XM)	2012	General Area	Smart Key	Read Fault Code	
Sorento(XM)	2012	General Area	Smart Key	Clear Fault	
Sorento(XM)	2012	General Area	Smart Key	Read Data	
Sorento(XM)	2012	General Area	Smart Key	Actuation Test	SSB LED Amber
Sorento(XM)	2012	General Area	Smart Key	Actuation Test	SSB LED Blue/Green
Sorento(XM)	2012	General Area	Smart Key	Actuation Test	FOB holder illumination
Sorento(XM)	2012	General Area	Smart Key	Actuation Test	SSB illumination
Sorento(XM)	2012	General Area	Smart Key	Actuation Test	ACC Relay
Sorento(XM)	2012	General Area	Smart Key	Actuation Test	IGN1 Relay
Sorento(XM)	2012	General Area	Smart Key	Actuation Test	IGN2 Relay
Sorento(XM)	2012	General Area	Smart Key	Actuation Test	START Relay

model	year	area	system	function	subfunction
Sorento(XM)	2012	General Area	Smart Key	Actuation Test	Perform ESCL Open Check
Sorento(XM)	2012	General Area	Smart Key	Actuation Test	Immobilizer Indicator Lamp
Sorento(XM)	2012	General Area	Smart Key	Actuation Test	External Buzzer Output
Sorento(XM)	2012	General Area	Smart Key	Actuation Test	Key Out Indicator
Sorento(XM)	2012	General Area	Smart Key	Actuation Test	Immobilizer Indicator
Sorento(XM)	2012	General Area	Smart Key	Actuation Test	External Buzzer
Sorento(XM)	2012	General Area	Smart Key	Actuation Test	Interior Antenna
Sorento(XM)	2012	General Area	Smart Key	Actuation Test	Interior Antenna
Sorento(XM)	2012	General Area	Smart Key	Actuation Test	Interior Antenna
Sorento(XM)	2012	General Area	Smart Key	Actuation Test	Bumper/Tail Gate Antenna
Sorento(XM)	2012	General Area	Smart Key	Actuation Test	Driver Door Handle Antenna
Sorento(XM)	2012	General Area	Smart Key	Actuation Test	Right Door Handle Antenna
Sorento(XM)	2012	General Area	Smart Key	Special Function	ESCL Open Status Check
Sorento(XM)	2012	General Area	Smart Key	Special Function	Neutralization Mode
Sorento(XM)	2012	General Area	Smart Key	Special Function	SMK Status Information
Sorento(XM)	2012	General Area	Smart Key	Special Function	ESCL Status Information
Sorento(XM)	2012	General Area	Smart Key	Special Function	PDM Status Information
Sorento(XM)	2012	General Area	Smart Key	Special Function	FOB KEY Status Information
Sorento(XM)	2012	General Area	Smart Key	Special Function	Serial Communication Line Check
Sorento(XM)	2012	General Area	Smart Key	Special Function	Antenna Status Check
Sorento(XM)	2012	General Area	Smart Key	Special Function	Smart Key Code Saving
Sorento(XM)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sorento(XM)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	

model	year	area	system	function	subfunction
Sorento(XM)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sorento(XM)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sorento(XM)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Sorento(XM)	2012	General Area	TCM(Transmission Control Module)	Version Information	
Sorento(XM)	2012	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sorento(XM)	2012	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sorento(XM)	2012	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sorento(XM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sorento(XM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sorento(XM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sorento(XM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sorento(XM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sorento(XM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sorento(XM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sorento(XM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sorento(XM)	2012	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sorento(XM)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	

model	year	area	system	function	subfunction
Sorento(XM)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sorento(XM)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sorento(XM)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sorento(XM)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sorento(XM)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sorento(XM)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Sorento(XM)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Sorento(XM)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Sorento(XM)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Sorento(XM)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Sorento(XM)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sorento(XM)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sorento(XM)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sorento(XM)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sorento(XM)	2011	General Area	4WD Control	Version	
Sorento(XM)	2011	General Area	4WD Control	Read Fault Code	
Sorento(XM)	2011	General Area	4WD Control	Clear Fault	
Sorento(XM)	2011	General Area	4WD Control	Read Data	
Sorento(XM)	2011	General Area	4WD Control	Special Function	Torque Coupling Control
Sorento(XM)	2011	General Area	4WD Control	Special Function	AWD Mode Selection
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Version	
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Read Fault Code	
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Clear Fault	
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Read Data	
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low

model	year	area	system	function	subfunction
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%

model	year	area	system	function	subfunction
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Sorento(XM)	2011	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sorento(XM)	2011	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Sorento(XM)	2011	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Sorento(XM)	2011	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Sorento(XM)	2011	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Sorento(XM)	2011	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Sorento(XM)	2011	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Sorento(XM)	2011	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL failsafe position
Sorento(XM)	2011	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL reference run
Sorento(XM)	2011	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Sorento(XM)	2011	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sorento(XM)	2011	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Version Information	
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Read Fault Code	
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Read Data Stream	
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	A/C COMPRESSOR
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 50%
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 78%
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 5%
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 95%
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low

model	year	area	system	function	subfunction
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 5%
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 76%
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 500 RPM
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 4000 RPM
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Alternator Control(Option)
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor

model	year	area	system	function	subfunction
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan 1
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan 2
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data

model	year	area	system	function	subfunction
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Special Function	Fuel Line Air Remove
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Sorento(XM)	2011	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Sorento(XM)	2011	General Area	EPS(Electronic Power Steering)	Version Information	
Sorento(XM)	2011	General Area	EPS(Electronic Power Steering)	Read Fault Code	
Sorento(XM)	2011	General Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Sorento(XM)	2011	General Area	EPS(Electronic Power Steering)	Read Data Stream	
Sorento(XM)	2011	General Area	ESP(Electronic Stability Program)	Version Information	
Sorento(XM)	2011	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Sorento(XM)	2011	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sorento(XM)	2011	General Area	ESP(Electronic Stability Program)	Read Data Stream	

model	year	area	system	function	subfunction
Sorento(XM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Sorento(XM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Sorento(XM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sorento(XM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sorento(XM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Sorento(XM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sorento(XM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Sorento(XM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sorento(XM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sorento(XM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Sorento(XM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Sorento(XM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Sorento(XM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Sorento(XM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Sorento(XM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Sorento(XM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Sorento(XM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Sorento(XM)	2011	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset
Sorento(XM)	2011	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sorento(XM)	2011	General Area	IMMO(Immobilizer)	Read Data	
Sorento(XM)	2011	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sorento(XM)	2011	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sorento(XM)	2011	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode

model	year	area	system	function	subfunction
Sorento(XM)	2011	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sorento(XM)	2011	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Version Information	
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Read Fault Code	
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Clear Fault Memory	
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Read Data Stream	
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Actuation Test	Lock relay
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Actuation Test	Unlock relay
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Actuation Test	Dead Lock Relay
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Actuation Test	Tailgate unlock relay
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Actuation Test	Power Window Relay
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Actuation Test	Hazard Lamp Relay(+RK)
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Actuation Test	Burglar horn relay
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Actuation Test	Starter inhibit relay
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Actuation Test	Tail lamp
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Actuation Test	Head lamp low
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Actuation Test	Rear fog lamp relay
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Actuation Test	Rr Defogger Relay
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Actuation Test	Driver seat belt indicator
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Actuation Test	Rear Fog Lamp Indicator
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)

model	year	area	system	function	subfunction
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Actuation Test	Buzzer
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Actuation Test	Room Lamp
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Actuation Test	Assist Seat Belt Indicator
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Actuation Test	Head lamp washer relay
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Actuation Test	Front Fog Lamp
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Actuation Test	Front fog lamp indicator
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Actuation Test	Head lamp high
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Actuation Test	Rear Wiper Relay
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Actuation Test	Head Lamp Low Indicator(By Cluster
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Actuation Test	AV Tail
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Actuation Test	Head Lamp High Indicator
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Actuation Test	Manual HLLD power output
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Actuation Test	Tail Lamp Indicator
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Actuation Test	Over Speed Warning Indicator
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Actuation Test	Parking Brake Indicator
Sorento(XM)	2011	General Area	IPM(Instrument Panel Module)	Actuation Test	Room Lamp Auto Cut
Sorento(XM)	2011	General Area	Power Steering	Version	
Sorento(XM)	2011	General Area	Power Steering	Read Fault Code	
Sorento(XM)	2011	General Area	Power Steering	Clear Fault	
Sorento(XM)	2011	General Area	Power Steering	Read Data	
Sorento(XM)	2011	General Area	Smart Key	Version	
Sorento(XM)	2011	General Area	Smart Key	Read Fault Code	
Sorento(XM)	2011	General Area	Smart Key	Clear Fault	
Sorento(XM)	2011	General Area	Smart Key	Read Data	
Sorento(XM)	2011	General Area	Smart Key	Actuation Test	SSB LED Amber
Sorento(XM)	2011	General Area	Smart Key	Actuation Test	SSB LED Blue/Green
Sorento(XM)	2011	General Area	Smart Key	Actuation Test	FOB holder illumination

model	year	area	system	function	subfunction
Sorento(XM)	2011	General Area	Smart Key	Actuation Test	SSB illumination
Sorento(XM)	2011	General Area	Smart Key	Actuation Test	ACC Relay
Sorento(XM)	2011	General Area	Smart Key	Actuation Test	IGN1 Relay
Sorento(XM)	2011	General Area	Smart Key	Actuation Test	IGN2 Relay
Sorento(XM)	2011	General Area	Smart Key	Actuation Test	START Relay
Sorento(XM)	2011	General Area	Smart Key	Actuation Test	Perform ESCL Open Check
Sorento(XM)	2011	General Area	Smart Key	Actuation Test	Immobilizer Indicator Lamp
Sorento(XM)	2011	General Area	Smart Key	Actuation Test	External Buzzer Output
Sorento(XM)	2011	General Area	Smart Key	Special Function	ESCL Open Status Check
Sorento(XM)	2011	General Area	Smart Key	Special Function	Neutralization Mode
Sorento(XM)	2011	General Area	Smart Key	Special Function	SMK Status Information
Sorento(XM)	2011	General Area	Smart Key	Special Function	ESCL Status Information
Sorento(XM)	2011	General Area	Smart Key	Special Function	PDM Status Information
Sorento(XM)	2011	General Area	Smart Key	Special Function	FOB KEY Status Information
Sorento(XM)	2011	General Area	Smart Key	Special Function	Serial Communication Line Check
Sorento(XM)	2011	General Area	Smart Key	Special Function	Antenna Status Check
Sorento(XM)	2011	General Area	Smart Key	Special Function	Smart Key Code Saving
Sorento(XM)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sorento(XM)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sorento(XM)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sorento(XM)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sorento(XM)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding

model	year	area	system	function	subfunction
Sorento(XM)	2011	General Area	TCM(Transmission Control Module)	Version Information	
Sorento(XM)	2011	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sorento(XM)	2011	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sorento(XM)	2011	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sorento(XM)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sorento(XM)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sorento(XM)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sorento(XM)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sorento(XM)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sorento(XM)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sorento(XM)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sorento(XM)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sorento(XM)	2011	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sorento(XM)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sorento(XM)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sorento(XM)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sorento(XM)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sorento(XM)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sorento(XM)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp

model	year	area	system	function	subfunction
Sorento(XM)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Sorento(XM)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Sorento(XM)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Sorento(XM)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Sorento(XM)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Sorento(XM)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sorento(XM)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sorento(XM)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sorento(XM)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sorento(XM)	2010	General Area	4WD Control	Version	
Sorento(XM)	2010	General Area	4WD Control	Read Fault Code	
Sorento(XM)	2010	General Area	4WD Control	Clear Fault	
Sorento(XM)	2010	General Area	4WD Control	Read Data	
Sorento(XM)	2010	General Area	4WD Control	Special Function	Torque Coupling Control
Sorento(XM)	2010	General Area	4WD Control	Special Function	AWD Mode Selection
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Version	
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Read Fault Code	
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Clear Fault	
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Read Data	
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%

model	year	area	system	function	subfunction
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open

model	year	area	system	function	subfunction
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Sorento(XM)	2010	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sorento(XM)	2010	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Sorento(XM)	2010	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Sorento(XM)	2010	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Sorento(XM)	2010	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Sorento(XM)	2010	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Sorento(XM)	2010	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Sorento(XM)	2010	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL failsafe position
Sorento(XM)	2010	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL reference run
Sorento(XM)	2010	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Sorento(XM)	2010	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sorento(XM)	2010	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Version Information	
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Read Fault Code	
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Read Data Stream	
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	A/C COMPRESSOR
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High

model	year	area	system	function	subfunction
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 50%
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 78%
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 5%
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 95%
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 5%
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 76%
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 500 RPM
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 4000 RPM
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%

model	year	area	system	function	subfunction
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Alternator Control(Option)
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control

model	year	area	system	function	subfunction
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan 1
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan 2
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Special Function	Fuel Line Air Remove
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Special Function	Read VIN

model	year	area	system	function	subfunction
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Special Function	PCM Auto Detection Reset
Sorento(XM)	2010	General Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Sorento(XM)	2010	General Area	EPS(Electronic Power Steering)	Version Information	
Sorento(XM)	2010	General Area	EPS(Electronic Power Steering)	Read Fault Code	
Sorento(XM)	2010	General Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Sorento(XM)	2010	General Area	EPS(Electronic Power Steering)	Read Data Stream	
Sorento(XM)	2010	General Area	ESP(Electronic Stability Program)	Version Information	
Sorento(XM)	2010	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Sorento(XM)	2010	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sorento(XM)	2010	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Sorento(XM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Sorento(XM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Sorento(XM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sorento(XM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sorento(XM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear

model	year	area	system	function	subfunction
Sorento(XM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sorento(XM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Sorento(XM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sorento(XM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sorento(XM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Sorento(XM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Sorento(XM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Sorento(XM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Sorento(XM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Sorento(XM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Sorento(XM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Sorento(XM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Sorento(XM)	2010	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset
Sorento(XM)	2010	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sorento(XM)	2010	General Area	IMMO(Immobilizer)	Read Data	
Sorento(XM)	2010	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sorento(XM)	2010	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sorento(XM)	2010	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sorento(XM)	2010	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sorento(XM)	2010	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Version Information	
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Read Fault Code	
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Read Data Stream	
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Actuation Test	Lock relay
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Actuation Test	Unlock relay
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Actuation Test	Dead Lock Relay
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Actuation Test	Tailgate unlock relay
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Actuation Test	Power Window Relay
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Actuation Test	Hazard Lamp Relay(+RK)
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Actuation Test	Burglar horn relay
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Actuation Test	Starter inhibit relay
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Actuation Test	Tail lamp
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Actuation Test	Head lamp low
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Actuation Test	Rear fog lamp relay
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Actuation Test	Rr Defogger Relay
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Actuation Test	Driver seat belt indicator
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Actuation Test	Rear Fog Lamp Indicator
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Actuation Test	Buzzer
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Actuation Test	Room Lamp
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Actuation Test	Assist Seat Belt Indicator
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Actuation Test	Head lamp washer relay
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Actuation Test	Front Fog Lamp

model	year	area	system	function	subfunction
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Actuation Test	Front fog lamp indicator
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Actuation Test	Head lamp high
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Actuation Test	Rear Wiper Relay
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Actuation Test	Head Lamp Low Indicator(By Cluster
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Actuation Test	AV Tail
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Actuation Test	Head Lamp High Indicator
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Actuation Test	Manual HLLD power output
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Actuation Test	Tail Lamp Indicator
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Actuation Test	Over Speed Warning Indicator
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Actuation Test	Parking Brake Indicator
Sorento(XM)	2010	General Area	IPM(Instrument Panel Module)	Actuation Test	Room Lamp Auto Cut
Sorento(XM)	2010	General Area	Power Steering	Version	
Sorento(XM)	2010	General Area	Power Steering	Read Fault Code	
Sorento(XM)	2010	General Area	Power Steering	Clear Fault	
Sorento(XM)	2010	General Area	Power Steering	Read Data	
Sorento(XM)	2010	General Area	Smart Key	Version	
Sorento(XM)	2010	General Area	Smart Key	Read Fault Code	
Sorento(XM)	2010	General Area	Smart Key	Clear Fault	
Sorento(XM)	2010	General Area	Smart Key	Read Data	
Sorento(XM)	2010	General Area	Smart Key	Actuation Test	SSB LED Amber
Sorento(XM)	2010	General Area	Smart Key	Actuation Test	SSB LED Blue/Green
Sorento(XM)	2010	General Area	Smart Key	Actuation Test	FOB holder illumination
Sorento(XM)	2010	General Area	Smart Key	Actuation Test	SSB illumination
Sorento(XM)	2010	General Area	Smart Key	Actuation Test	ACC Relay
Sorento(XM)	2010	General Area	Smart Key	Actuation Test	IGN1 Relay
Sorento(XM)	2010	General Area	Smart Key	Actuation Test	IGN2 Relay
Sorento(XM)	2010	General Area	Smart Key	Actuation Test	START Relay
Sorento(XM)	2010	General Area	Smart Key	Actuation Test	Perform ESCL Open Check
Sorento(XM)	2010	General Area	Smart Key	Actuation Test	Immobilizer Indicator Lamp

model	year	area	system	function	subfunction
Sorento(XM)	2010	General Area	Smart Key	Actuation Test	External Buzzer Output
Sorento(XM)	2010	General Area	Smart Key	Special Function	ESCL Open Status Check
Sorento(XM)	2010	General Area	Smart Key	Special Function	Neutralization Mode
Sorento(XM)	2010	General Area	Smart Key	Special Function	SMK Status Information
Sorento(XM)	2010	General Area	Smart Key	Special Function	ESCL Status Information
Sorento(XM)	2010	General Area	Smart Key	Special Function	PDM Status Information
Sorento(XM)	2010	General Area	Smart Key	Special Function	FOB KEY Status Information
Sorento(XM)	2010	General Area	Smart Key	Special Function	Serial Communication Line Check
Sorento(XM)	2010	General Area	Smart Key	Special Function	Antenna Status Check
Sorento(XM)	2010	General Area	Smart Key	Special Function	Smart Key Code Saving
Sorento(XM)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sorento(XM)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sorento(XM)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sorento(XM)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sorento(XM)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Sorento(XM)	2010	General Area	TCM(Transmission Control Module)	Version Information	
Sorento(XM)	2010	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sorento(XM)	2010	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sorento(XM)	2010	General Area	TCM(Transmission Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Sorento(XM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sorento(XM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sorento(XM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sorento(XM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sorento(XM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sorento(XM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sorento(XM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sorento(XM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sorento(XM)	2010	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sorento(XM)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sorento(XM)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sorento(XM)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sorento(XM)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sorento(XM)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sorento(XM)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sorento(XM)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Sorento(XM)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Sorento(XM)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Sorento(XM)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear

model	year	area	system	function	subfunction
Sorento(XM)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Sorento(XM)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sorento(XM)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sorento(XM)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sorento(XM)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sorento(XM)	2009	General Area	4WD Control	Version	
Sorento(XM)	2009	General Area	4WD Control	Read Fault Code	
Sorento(XM)	2009	General Area	4WD Control	Clear Fault	
Sorento(XM)	2009	General Area	4WD Control	Read Data	
Sorento(XM)	2009	General Area	4WD Control	Special Function	Torque Coupling Control
Sorento(XM)	2009	General Area	4WD Control	Special Function	AWD Mode Selection
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Version	
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Read Fault Code	
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Clear Fault	
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Read Data	
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh

model	year	area	system	function	subfunction
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Sorento(XM)	2009	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sorento(XM)	2009	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Sorento(XM)	2009	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	

model	year	area	system	function	subfunction
Sorento(XM)	2009	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Sorento(XM)	2009	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Sorento(XM)	2009	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Sorento(XM)	2009	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Sorento(XM)	2009	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL failsafe position
Sorento(XM)	2009	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL reference run
Sorento(XM)	2009	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Sorento(XM)	2009	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sorento(XM)	2009	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Version Information	
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Read Fault Code	
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Read Data Stream	
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	A/C COMPRESSOR
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)

model	year	area	system	function	subfunction
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 50%
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 78%
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 5%
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 95%
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 5%
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 76%
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 500 RPM
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 4000 RPM
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Alternator Control(Option)
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay

model	year	area	system	function	subfunction
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Special Function	Fuel Line Air Remove
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Special Function	Read VIN

model	year	area	system	function	subfunction
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sorento(XM)	2009	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Sorento(XM)	2009	General Area	EPS(Electronic Power Steering)	Version Information	
Sorento(XM)	2009	General Area	EPS(Electronic Power Steering)	Read Fault Code	
Sorento(XM)	2009	General Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Sorento(XM)	2009	General Area	EPS(Electronic Power Steering)	Read Data Stream	
Sorento(XM)	2009	General Area	ESP(Electronic Stability Program)	Version Information	
Sorento(XM)	2009	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Sorento(XM)	2009	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sorento(XM)	2009	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Sorento(XM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Sorento(XM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Sorento(XM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sorento(XM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sorento(XM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Sorento(XM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sorento(XM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front

model	year	area	system	function	subfunction
Sorento(XM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sorento(XM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sorento(XM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Sorento(XM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Sorento(XM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Sorento(XM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Sorento(XM)	2009	General Area	ESP(Electronic Stability Program)	Special Function	Steering Angle Sensor
Sorento(XM)	2009	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sorento(XM)	2009	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset
Sorento(XM)	2009	General Area	IMMO(Immobilizer)	Read Data	
Sorento(XM)	2009	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sorento(XM)	2009	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sorento(XM)	2009	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sorento(XM)	2009	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sorento(XM)	2009	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Version Information	
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Read Fault Code	
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Clear Fault Memory	
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Read Data Stream	
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Actuation Test	Lock relay
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Actuation Test	Unlock relay
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Actuation Test	Dead Lock Relay
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Actuation Test	Tailgate unlock relay
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Actuation Test	Power Window Relay

model	year	area	system	function	subfunction
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Actuation Test	Hazard Lamp Relay(+RK)
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Actuation Test	Burglar horn relay
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Actuation Test	Starter inhibit relay
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Actuation Test	Tail lamp
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Actuation Test	Head lamp low
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Actuation Test	Rear fog lamp relay
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Actuation Test	Rr Defogger Relay
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Actuation Test	Driver seat belt indicator
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Actuation Test	Rear Fog Lamp Indicator
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Actuation Test	Buzzer
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Actuation Test	Room Lamp
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Actuation Test	Assist Seat Belt Indicator
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Actuation Test	Head lamp washer relay
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Actuation Test	Front Fog Lamp
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Actuation Test	Front fog lamp indicator
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Actuation Test	Head lamp high
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Actuation Test	Rear Wiper Relay
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Actuation Test	Head Lamp Low Indicator(By Cluster
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Actuation Test	AV Tail

model	year	area	system	function	subfunction
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Actuation Test	Head Lamp High Indicator
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Actuation Test	Manual HLLD power output
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Actuation Test	Tail Lamp Indicator
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Actuation Test	Over Speed Warning Indicator
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Actuation Test	Parking Brake Indicator
Sorento(XM)	2009	General Area	IPM(Instrument Panel Module)	Actuation Test	Room Lamp Auto Cut
Sorento(XM)	2009	General Area	Smart Key	Version	
Sorento(XM)	2009	General Area	Smart Key	Read Fault Code	
Sorento(XM)	2009	General Area	Smart Key	Clear Fault	
Sorento(XM)	2009	General Area	Smart Key	Read Data	
Sorento(XM)	2009	General Area	Smart Key	Actuation Test	Immobilizer Indicator Lamp
Sorento(XM)	2009	General Area	Smart Key	Actuation Test	External Buzzer Output
Sorento(XM)	2009	General Area	Smart Key	Actuation Test	SSB LED Amber
Sorento(XM)	2009	General Area	Smart Key	Actuation Test	SSB LED Blue/Green
Sorento(XM)	2009	General Area	Smart Key	Actuation Test	FOB holder illumination
Sorento(XM)	2009	General Area	Smart Key	Actuation Test	SSB illumination
Sorento(XM)	2009	General Area	Smart Key	Actuation Test	ACC Relay
Sorento(XM)	2009	General Area	Smart Key	Actuation Test	IGN1 Relay
Sorento(XM)	2009	General Area	Smart Key	Actuation Test	IGN2 Relay
Sorento(XM)	2009	General Area	Smart Key	Actuation Test	START Relay
Sorento(XM)	2009	General Area	Smart Key	Actuation Test	Perform ESCL Open Check
Sorento(XM)	2009	General Area	Smart Key	Special Function	Neutralization Mode
Sorento(XM)	2009	General Area	Smart Key	Special Function	SMK Status Information
Sorento(XM)	2009	General Area	Smart Key	Special Function	ESCL Status Information
Sorento(XM)	2009	General Area	Smart Key	Special Function	PDM Status Information
Sorento(XM)	2009	General Area	Smart Key	Special Function	FOB KEY Status Information
Sorento(XM)	2009	General Area	Smart Key	Special Function	Serial Communication Line Check

model	year	area	system	function	subfunction
Sorento(XM)	2009	General Area	Smart Key	Special Function	Antenna Status Check
Sorento(XM)	2009	General Area	Smart Key	Special Function	Smart Key Code Saving
Sorento(XM)	2009	General Area	Smart Key	Special Function	ESCL Open Status Check
Sorento(XM)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sorento(XM)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sorento(XM)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sorento(XM)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sorento(XM)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Sorento(XM)	2009	General Area	TCM(Transmission Control Module)	Version Information	
Sorento(XM)	2009	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sorento(XM)	2009	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sorento(XM)	2009	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sorento(XM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sorento(XM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sorento(XM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sorento(XM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sorento(XM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)

model	year	area	system	function	subfunction
Sorento(XM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sorento(XM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sorento(XM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sorento(XM)	2009	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sorento(XM)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sorento(XM)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sorento(XM)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sorento(XM)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sorento(XM)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sorento(XM)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sorento(XM)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Sorento(XM)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Sorento(XM)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Sorento(XM)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Sorento(XM)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Sorento(XM)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sorento(XM)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sorento(XM)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sorento(XM)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Version Information	
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	

model	year	area	system	function	subfunction
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Release Valve #2
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Release Valve #1
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Apply Valve #1

model	year	area	system	function	subfunction
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Apply Valve #2
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Cut Valve #1
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Cut Valve #2
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Simulator Valve #2
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance Mode-EPB/MOC Disengaging
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance Mode-EPB/MOC Engaging
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Warning Lamp
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Status Lamp
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	SAS Calibration(CAN-ESP Only)
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	Pressure Sensor Calibration
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	Pedal Travel Sensor(PTS)Calibration
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	Fluid Circulation Mode
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	High Pressure Release Mode
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Soul EV(PS EV)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	Air Bleeding of Low Pressure

model	year	area	system	function	subfunction
Soul EV(PS	2016	General Area	AC(Air Conditioning)	Version	
Soul EV(PS	2016	General Area	AC(Air Conditioning)	Read Fault Code	
Soul EV(PS	2016	General Area	AC(Air Conditioning)	Clear Fault	
Soul EV(PS	2016	General Area	AC(Air Conditioning)	Read Data	
Soul EV(PS	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Soul EV(PS	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open

model	year	area	system	function	subfunction
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Soul EV(PS	2016	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%

model	year	area	system	function	subfunction
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	High Voltage PTC ON(Min.)
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	High Voltage PTC OFF
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	High Voltage COMP ON(Min.)
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	High Voltage COMP OFF
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Refrigerant 2Way Valve-#1 ON
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Refrigerant 2Way Valve-#1 OFF
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Refrigerant 2Way Valve-#2 ON
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Refrigerant 2Way Valve-#2 OFF
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Refrigerant 3Way Valve-#1 ON
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Refrigerant 3Way Valve-#1 OFF
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Refrigerant 3Way Valve-#2 ON
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Refrigerant 3Way Valve-#2 OFF
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Coolant 3Way Valve-Chiller
Soul EV(PS EV)	2016	General Area	AC(Air Conditioning)	Actuation Test	Coolant 3Way Valve-OBC
Soul EV(PS EV)	2016	General Area	Battery Management System	Version Information	
Soul EV(PS EV)	2016	General Area	Battery Management System	Read Fault Code	
Soul EV(PS EV)	2016	General Area	Battery Management System	Clear Fault Memory	
Soul EV(PS EV)	2016	General Area	Battery Management System	Read Data Stream	
Soul EV(PS EV)	2016	General Area	Battery Management System	Actuation Test	Fan 1st

model	year	area	system	function	subfunction
Soul EV(PS EV)	2016	General Area	Battery Management System	Actuation Test	Fan 2nd
Soul EV(PS EV)	2016	General Area	Battery Management System	Actuation Test	Fan 3rd
Soul EV(PS EV)	2016	General Area	Battery Management System	Actuation Test	Fan 4th
Soul EV(PS EV)	2016	General Area	Battery Management System	Actuation Test	Fan 5th
Soul EV(PS EV)	2016	General Area	Battery Management System	Actuation Test	Fan 6th
Soul EV(PS EV)	2016	General Area	Battery Management System	Actuation Test	Fan 7th
Soul EV(PS EV)	2016	General Area	Battery Management System	Actuation Test	Fan 8th
Soul EV(PS EV)	2016	General Area	Battery Management System	Actuation Test	Fan 9th
Soul EV(PS EV)	2016	General Area	Battery Management System	Actuation Test	Fan Stop
Soul EV(PS EV)	2016	General Area	Battery Management System	Actuation Test	Main Relay(-)ON
Soul EV(PS EV)	2016	General Area	Battery Management System	Actuation Test	Precharge Relay ON
Soul EV(PS EV)	2016	General Area	Battery Management System	Actuation Test	Main Relay(-),Precharge Relay ON simultaneous
Soul EV(PS EV)	2016	General Area	Battery Management System	Actuation Test	Main Relay(-),Main Relay(+)ON
Soul EV(PS EV)	2016	General Area	Battery Management System	Actuation Test	Main Relay(-)(+),Precharge Relay OFF simultaneous
Soul EV(PS EV)	2016	General Area	Battery Management System	Actuation Test	Quick Charger Relay(-)ON
Soul EV(PS EV)	2016	General Area	Battery Management System	Actuation Test	Quick Charger Relay(+)ON
Soul EV(PS EV)	2016	General Area	Battery Management System	Actuation Test	Quick Charger Relay(-)(+)ON simultaneous
Soul EV(PS EV)	2016	General Area	Battery Management System	Actuation Test	Quick Charger Relay(-)(+)OFF simultaneous
Soul EV(PS EV)	2016	General Area	Battery Management System	Actuation Test	High Voltage Battery Heater Relay ON

model	year	area	system	function	subfunction
Soul EV(PS EV)	2016	General Area	Battery Management System	Actuation Test	High Voltage Battery Heater Relay OFF
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Version Information	
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Read Fault Code	
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Clear Fault Memory	
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Read Data Stream	
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	AV Tail

model	year	area	system	function	subfunction
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay

model	year	area	system	function	subfunction
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer

model	year	area	system	function	subfunction
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator

model	year	area	system	function	subfunction
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Output
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Indicator
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Map Lamp Output
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Alt'L Signal Out
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Lamp
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Washer Motor Output
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Washer Motor Output
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay

model	year	area	system	function	subfunction
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Parasitic Current Auto-Block IPS
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt Indicator
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt Indicator
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt Indicator
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left/Right
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Right
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	High Mounted Stop Lamp
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	RL Door Lock Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Actuation Test	RL Door Unlock Relay
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Special Function	CLU Variant Coding
Soul EV(PS EV)	2016	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting

model	year	area	system	function	subfunction
Soul EV(PS	2016	General Area	Low DC/DC Converter	Version	
Soul EV(PS	2016	General Area	Low DC/DC Converter	Read Fault Code	
Soul EV(PS	2016	General Area	Low DC/DC Converter	Clear Fault	
Soul EV(PS	2016	General Area	Low DC/DC Converter	Read Data	
Soul EV(PS EV)	2016	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Soul EV(PS EV)	2016	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Soul EV(PS EV)	2016	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Soul EV(PS EV)	2016	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Soul EV(PS EV)	2016	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Soul EV(PS EV)	2016	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Soul EV(PS EV)	2016	General Area	MDPS(Motor Driven Power Steering)	Special Function	Power Steering ECU
Soul EV(PS EV)	2016	General Area	MDPS(Motor Driven Power Steering)	Special Function	Power Steering Motor
Soul EV(PS	2016	General Area	On Board Charger	Version	
Soul EV(PS	2016	General Area	On Board Charger	Read Fault Code	
Soul EV(PS	2016	General Area	On Board Charger	Clear Fault	
Soul EV(PS	2016	General Area	On Board Charger	Read Data	
Soul EV(PS	2016	General Area	On Board Charger	Actuation Test	Lamp Center ON
Soul EV(PS	2016	General Area	On Board Charger	Actuation Test	Lamp Left ON
Soul EV(PS	2016	General Area	On Board Charger	Actuation Test	Lamp Right ON
Soul EV(PS	2016	General Area	On Board Charger	Actuation Test	Lamp ALL ON
Soul EV(PS	2016	General Area	Smart Key Unit	Version	
Soul EV(PS	2016	General Area	Smart Key Unit	Read Fault Code	
Soul EV(PS	2016	General Area	Smart Key Unit	Clear Fault	
Soul EV(PS	2016	General Area	Smart Key Unit	Read Data	
Soul EV(PS	2016	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Soul EV(PS	2016	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Soul EV(PS	2016	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Soul EV(PS	2016	General Area	Smart Key Unit	Actuation Test	SSB LED White
Soul EV(PS EV)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Soul EV(PS EV)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Soul EV(PS EV)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Soul EV(PS	2016	General Area	Smart Key Unit	Actuation Test	ACC Relay
Soul EV(PS	2016	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Soul EV(PS	2016	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Soul EV(PS	2016	General Area	Smart Key Unit	Actuation Test	Starter Relay

model	year	area	system	function	subfunction
Soul EV(PS	2016	General Area	Smart Key Unit	Actuation Test	External Buzzer
Soul EV(PS	2016	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Soul EV(PS EV)	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Soul EV(PS EV)	2016	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Soul EV(PS	2016	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Soul EV(PS	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Soul EV(PS	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Soul EV(PS	2016	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Soul EV(PS	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Soul EV(PS EV)	2016	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Soul EV(PS EV)	2016	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Soul EV(PS EV)	2016	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Soul EV(PS EV)	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Soul EV(PS EV)	2016	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Soul EV(PS EV)	2016	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Soul EV(PS EV)	2016	General Area	Smart Key Unit	Special Function	Neutralization Mode
Soul EV(PS EV)	2016	General Area	Smart Key Unit	Special Function	SMK Status Information
Soul EV(PS EV)	2016	General Area	Smart Key Unit	Special Function	ESCL Status Information
Soul EV(PS EV)	2016	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Soul EV(PS EV)	2016	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Soul EV(PS EV)	2016	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Soul EV(PS EV)	2016	General Area	Smart Key Unit	Special Function	ESCL Enable Output Check
Soul EV(PS EV)	2016	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Soul EV(PS EV)	2016	General Area	Smart Key Unit	Special Function	Antenna Status Check
Soul EV(PS EV)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	

model	year	area	system	function	subfunction
Soul EV(PS EV)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Soul EV(PS EV)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Soul EV(PS EV)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Soul EV(PS EV)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Soul EV(PS EV)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Soul EV(PS EV)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Soul EV(PS EV)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Soul EV(PS EV)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Soul EV(PS EV)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Soul EV(PS EV)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Soul EV(PS EV)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Soul EV(PS EV)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Soul EV(PS EV)	2016	General Area	VMCS(Vehicle Motor Control System)	Version Information	
Soul EV(PS EV)	2016	General Area	VMCS(Vehicle Motor Control System)	Read Fault Code	
Soul EV(PS EV)	2016	General Area	VMCS(Vehicle Motor Control System)	Clear Fault Memory	
Soul EV(PS EV)	2016	General Area	VMCS(Vehicle Motor Control System)	Read Data Stream	
Soul EV(PS EV)	2016	General Area	VMCS(Vehicle Motor Control System)	Actuation Test	IG3 Control Operation
Soul EV(PS EV)	2016	General Area	VMCS(Vehicle Motor Control System)	Actuation Test	Radiator Fan High
Soul EV(PS EV)	2016	General Area	VMCS(Vehicle Motor Control System)	Actuation Test	Radiator Fan Low
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Version Information	
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	

model	year	area	system	function	subfunction
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance Mode-EPB/MOC Disengaging
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance Mode-EPB/MOC Engaging
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Warning Lamp
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Status Lamp
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front

model	year	area	system	function	subfunction
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Release Valve #2
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Release Valve #1
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Apply Valve #1
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Apply Valve #2
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Cut Valve #1
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Cut Valve #2
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Simulator Valve #2
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	SAS Calibration(CAN-ESP Only)
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Pressure Sensor Calibration
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Pedal Travel Sensor(PTS)Calibration
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Fluid Circulation Mode
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	High Pressure Release Mode
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Soul EV(PS EV)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Air Bleeding of Low Pressure

model	year	area	system	function	subfunction
Soul EV(PS	2015	General Area	AC(Air Conditioning)	Version	
Soul EV(PS	2015	General Area	AC(Air Conditioning)	Read Fault Code	
Soul EV(PS	2015	General Area	AC(Air Conditioning)	Clear Fault	
Soul EV(PS	2015	General Area	AC(Air Conditioning)	Read Data	
Soul EV(PS	2015	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Soul EV(PS	2015	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open

model	year	area	system	function	subfunction
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Soul EV(PS	2015	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%

model	year	area	system	function	subfunction
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	High Voltage PTC ON(Min.)
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	High Voltage PTC OFF
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	High Voltage COMP ON(Min.)
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	High Voltage COMP OFF
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Refrigerant 2Way Valve-#1 ON
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Refrigerant 2Way Valve-#1 OFF
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Refrigerant 2Way Valve-#2 ON
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Refrigerant 2Way Valve-#2 OFF
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Refrigerant 3Way Valve-#1 ON
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Refrigerant 3Way Valve-#1 OFF
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Refrigerant 3Way Valve-#2 ON
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Refrigerant 3Way Valve-#2 OFF
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Coolant 3Way Valve-Chiller
Soul EV(PS EV)	2015	General Area	AC(Air Conditioning)	Actuation Test	Coolant 3Way Valve-OBC
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Version Information	
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Read Fault Code	
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Clear Fault Memory	
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Read Data Stream	
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON

model	year	area	system	function	subfunction
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)

model	year	area	system	function	subfunction
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Parasitic Current Auto-Block IPS
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt Indicator
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt Indicator
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt Indicator
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left/Right
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Right
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	High Mounted Stop Lamp
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	RL Door Lock Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	RL Door Unlock Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output

model	year	area	system	function	subfunction
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)

model	year	area	system	function	subfunction
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to

model	year	area	system	function	subfunction
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator

model	year	area	system	function	subfunction
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Output
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Indicator
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Map Lamp Output
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Alt'L Signal Out
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Relay
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Lamp
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Washer Motor Output
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Washer Motor Output
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Special Function	CLU Variant Coding
Soul EV(PS EV)	2015	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting
Soul EV(PS	2015	General Area	HEV Battery System	Version	
Soul EV(PS	2015	General Area	HEV Battery System	Read Fault Code	
Soul EV(PS	2015	General Area	HEV Battery System	Clear Fault	
Soul EV(PS	2015	General Area	HEV Battery System	Read Data	
Soul EV(PS	2015	General Area	HEV Battery System	Actuation Test	Fan 1st
Soul EV(PS	2015	General Area	HEV Battery System	Actuation Test	Fan 2nd
Soul EV(PS	2015	General Area	HEV Battery System	Actuation Test	Fan 3rd
Soul EV(PS	2015	General Area	HEV Battery System	Actuation Test	Fan 4th
Soul EV(PS	2015	General Area	HEV Battery System	Actuation Test	Fan 5th
Soul EV(PS	2015	General Area	HEV Battery System	Actuation Test	Fan 6th
Soul EV(PS	2015	General Area	HEV Battery System	Actuation Test	Fan 7th
Soul EV(PS	2015	General Area	HEV Battery System	Actuation Test	Fan 8th
Soul EV(PS	2015	General Area	HEV Battery System	Actuation Test	Fan 9th
Soul EV(PS	2015	General Area	HEV Battery System	Actuation Test	Fan Stop

model	year	area	system	function	subfunction
Soul EV(PS	2015	General Area	HEV Battery System	Actuation Test	Main Relay(-)ON
Soul EV(PS EV)	2015	General Area	HEV Battery System	Actuation Test	Precharge Relay ON
Soul EV(PS EV)	2015	General Area	HEV Battery System	Actuation Test	Main Relay(-),Precharge Relay ON simultaneous
Soul EV(PS EV)	2015	General Area	HEV Battery System	Actuation Test	Main Relay(-),Main Relay(+)ON
Soul EV(PS EV)	2015	General Area	HEV Battery System	Actuation Test	Main Relay(-)(+),Precharge Relay OFF simultaneous
Soul EV(PS EV)	2015	General Area	HEV Battery System	Actuation Test	Quick Charger Relay(-)ON
Soul EV(PS EV)	2015	General Area	HEV Battery System	Actuation Test	Quick Charger Relay(+)ON
Soul EV(PS EV)	2015	General Area	HEV Battery System	Actuation Test	Quick Charger Relay(-)(+)ON simultaneous
Soul EV(PS EV)	2015	General Area	HEV Battery System	Actuation Test	Quick Charger Relay(-)(+)OFF simultaneous
Soul EV(PS EV)	2015	General Area	HEV Battery System	Actuation Test	High Voltage Battery Heater Relay ON
Soul EV(PS EV)	2015	General Area	HEV Battery System	Actuation Test	High Voltage Battery Heater Relay OFF
Soul EV(PS	2015	General Area	Low DC/DC Converter	Version	
Soul EV(PS	2015	General Area	Low DC/DC Converter	Read Fault Code	
Soul EV(PS	2015	General Area	Low DC/DC Converter	Clear Fault	
Soul EV(PS	2015	General Area	Low DC/DC Converter	Read Data	
Soul EV(PS EV)	2015	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Soul EV(PS EV)	2015	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Soul EV(PS EV)	2015	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Soul EV(PS EV)	2015	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Soul EV(PS EV)	2015	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Soul EV(PS EV)	2015	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition

model	year	area	system	function	subfunction
Soul EV(PS EV)	2015	General Area	MDPS(Motor Driven Power Steering)	Special Function	Power Steering ECU
Soul EV(PS EV)	2015	General Area	MDPS(Motor Driven Power Steering)	Special Function	Power Steering Motor
Soul EV(PS	2015	General Area	On Board Charger	Version	
Soul EV(PS	2015	General Area	On Board Charger	Read Fault Code	
Soul EV(PS	2015	General Area	On Board Charger	Clear Fault	
Soul EV(PS	2015	General Area	On Board Charger	Read Data	
Soul EV(PS	2015	General Area	On Board Charger	Actuation Test	Lamp Center ON
Soul EV(PS	2015	General Area	On Board Charger	Actuation Test	Lamp Left ON
Soul EV(PS	2015	General Area	On Board Charger	Actuation Test	Lamp Right ON
Soul EV(PS	2015	General Area	On Board Charger	Actuation Test	Lamp ALL ON
Soul EV(PS	2015	General Area	Smart Key Unit	Version	
Soul EV(PS	2015	General Area	Smart Key Unit	Read Fault Code	
Soul EV(PS	2015	General Area	Smart Key Unit	Clear Fault	
Soul EV(PS	2015	General Area	Smart Key Unit	Read Data	
Soul EV(PS	2015	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Soul EV(PS	2015	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Soul EV(PS	2015	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Soul EV(PS	2015	General Area	Smart Key Unit	Actuation Test	SSB LED White
Soul EV(PS EV)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Soul EV(PS EV)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Soul EV(PS EV)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Soul EV(PS	2015	General Area	Smart Key Unit	Actuation Test	ACC Relay
Soul EV(PS	2015	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Soul EV(PS	2015	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Soul EV(PS	2015	General Area	Smart Key Unit	Actuation Test	Starter Relay
Soul EV(PS	2015	General Area	Smart Key Unit	Actuation Test	External Buzzer
Soul EV(PS	2015	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Soul EV(PS EV)	2015	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Soul EV(PS EV)	2015	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Soul EV(PS	2015	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Soul EV(PS	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Soul EV(PS	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Soul EV(PS	2015	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Soul EV(PS	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Soul EV(PS EV)	2015	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Soul EV(PS EV)	2015	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna

model	year	area	system	function	subfunction
Soul EV(PS EV)	2015	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Soul EV(PS EV)	2015	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Soul EV(PS EV)	2015	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Soul EV(PS EV)	2015	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Soul EV(PS EV)	2015	General Area	Smart Key Unit	Special Function	Neutralization Mode
Soul EV(PS EV)	2015	General Area	Smart Key Unit	Special Function	SMK Status Information
Soul EV(PS EV)	2015	General Area	Smart Key Unit	Special Function	ESCL Status Information
Soul EV(PS EV)	2015	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Soul EV(PS EV)	2015	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Soul EV(PS EV)	2015	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Soul EV(PS EV)	2015	General Area	Smart Key Unit	Special Function	ESCL Enable Output Check
Soul EV(PS EV)	2015	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Soul EV(PS EV)	2015	General Area	Smart Key Unit	Special Function	Antenna Status Check
Soul EV(PS EV)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Soul EV(PS EV)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Soul EV(PS EV)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Soul EV(PS EV)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Soul EV(PS EV)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Soul EV(PS EV)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Soul EV(PS EV)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	

model	year	area	system	function	subfunction
Soul EV(PS EV)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Soul EV(PS EV)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Soul EV(PS EV)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Soul EV(PS EV)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Soul EV(PS EV)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Soul EV(PS EV)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Soul EV(PS EV)	2015	General Area	VMCS(Vehicle Motor Control System)	Version Information	
Soul EV(PS EV)	2015	General Area	VMCS(Vehicle Motor Control System)	Read Fault Code	
Soul EV(PS EV)	2015	General Area	VMCS(Vehicle Motor Control System)	Clear Fault Memory	
Soul EV(PS EV)	2015	General Area	VMCS(Vehicle Motor Control System)	Read Data Stream	
Soul EV(PS EV)	2015	General Area	VMCS(Vehicle Motor Control System)	Actuation Test	IG3 Control Operation
Soul EV(PS EV)	2015	General Area	VMCS(Vehicle Motor Control System)	Actuation Test	Radiator Fan High
Soul EV(PS EV)	2015	General Area	VMCS(Vehicle Motor Control System)	Actuation Test	Radiator Fan Low
Soul(AM)	2014	General Area	AC(Air Conditioning)	Version	
Soul(AM)	2014	General Area	AC(Air Conditioning)	Read Fault Code	
Soul(AM)	2014	General Area	AC(Air Conditioning)	Clear Fault	
Soul(AM)	2014	General Area	AC(Air Conditioning)	Read Data	
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%

model	year	area	system	function	subfunction
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face

model	year	area	system	function	subfunction
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Soul(AM)	2014	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Soul(AM)	2014	General Area	BCM(Body Control Module)	Version Information	
Soul(AM)	2014	General Area	BCM(Body Control Module)	Read Data Stream	
Soul(AM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Soul(AM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Soul(AM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tail Gate Relay
Soul(AM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Soul(AM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front Wiper Relay
Soul(AM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Soul(AM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Soul(AM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output

model	year	area	system	function	subfunction
Soul(AM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Soul(AM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Soul(AM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay
Soul(AM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Soul(AM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Soul(AM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Soul(AM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Soul(AM)	2014	General Area	BCM(Body Control Module)	Actuation Test	DRL Left
Soul(AM)	2014	General Area	BCM(Body Control Module)	Actuation Test	DRL Right
Soul(AM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Soul(AM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Soul(AM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Soul(AM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Soul(AM)	2014	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Soul(AM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Soul(AM)	2014	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Indicator
Soul(AM)	2014	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Soul(AM)	2014	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Version Information	
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Read Fault Code	
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Read Data Stream	
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)

model	year	area	system	function	subfunction
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2

model	year	area	system	function	subfunction
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control

model	year	area	system	function	subfunction
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2

model	year	area	system	function	subfunction
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1

model	year	area	system	function	subfunction
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay(M/T Only)
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay

model	year	area	system	function	subfunction
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 5%
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 95%
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 5%
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 95%
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Starter Relay
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Special Function	Write VIN

model	year	area	system	function	subfunction
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Special Function	Essential Work After Component Replacement
Soul(AM)	2014	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Soul(AM)	2014	General Area	ESP(Electronic Stability Program)	Version Information	
Soul(AM)	2014	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Soul(AM)	2014	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Soul(AM)	2014	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Soul(AM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Soul(AM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Soul(AM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Soul(AM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Soul(AM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Soul(AM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front

model	year	area	system	function	subfunction
Soul(AM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Soul(AM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Soul(AM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Soul(AM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Soul(AM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Soul(AM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Soul(AM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Soul(AM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Soul(AM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Soul(AM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Soul(AM)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Soul(AM)	2014	General Area	ESP(Electronic Stability Program)	Special Function	SAS Calibration(CAN-ESP Only)
Soul(AM)	2014	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Soul(AM)	2014	General Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor
Soul(AM)	2014	General Area	IMMO(Immobilizer)	Read Data	
Soul(AM)	2014	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Soul(AM)	2014	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Soul(AM)	2014	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Soul(AM)	2014	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Soul(AM)	2014	General Area	IMMO(Immobilizer)	Special Function	Teaching
Soul(AM)	2014	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Soul(AM)	2014	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Soul(AM)	2014	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	

model	year	area	system	function	subfunction
Soul(AM)	2014	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Soul(AM)	2014	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Soul(AM)	2014	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Soul(AM)	2014	General Area	Smart Key Unit	Version	
Soul(AM)	2014	General Area	Smart Key Unit	Read Fault Code	
Soul(AM)	2014	General Area	Smart Key Unit	Clear Fault	
Soul(AM)	2014	General Area	Smart Key Unit	Read Data	
Soul(AM)	2014	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Soul(AM)	2014	General Area	Smart Key Unit	Actuation Test	External Buzzer
Soul(AM)	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Soul(AM)	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Soul(AM)	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Soul(AM)	2014	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Soul(AM)	2014	General Area	Smart Key Unit	Actuation Test	Driver Door Handle Antenna
Soul(AM)	2014	General Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
Soul(AM)	2014	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Soul(AM)	2014	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Green
Soul(AM)	2014	General Area	Smart Key Unit	Actuation Test	FOB holder illumination
Soul(AM)	2014	General Area	Smart Key Unit	Actuation Test	SSB illumination
Soul(AM)	2014	General Area	Smart Key Unit	Actuation Test	ACC Relay
Soul(AM)	2014	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Soul(AM)	2014	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Soul(AM)	2014	General Area	Smart Key Unit	Actuation Test	START Relay
Soul(AM)	2014	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Soul(AM)	2014	General Area	Smart Key Unit	Special Function	Neutralization Mode
Soul(AM)	2014	General Area	Smart Key Unit	Special Function	SMK Status Information
Soul(AM)	2014	General Area	Smart Key Unit	Special Function	ESCL Status Information
Soul(AM)	2014	General Area	Smart Key Unit	Special Function	PDM Status Information
Soul(AM)	2014	General Area	Smart Key Unit	Special Function	FOB KEY Status Information

model	year	area	system	function	subfunction
Soul(AM)	2014	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Soul(AM)	2014	General Area	Smart Key Unit	Special Function	Antenna Status Check
Soul(AM)	2014	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Soul(AM)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Soul(AM)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Soul(AM)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Soul(AM)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Soul(AM)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Soul(AM)	2014	General Area	TCM(Transmission Control Module)	Version Information	
Soul(AM)	2014	General Area	TCM(Transmission Control Module)	Read Fault Code	
Soul(AM)	2014	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Soul(AM)	2014	General Area	TCM(Transmission Control Module)	Read Data Stream	
Soul(AM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Soul(AM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Soul(AM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Soul(AM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Soul(AM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)

model	year	area	system	function	subfunction
Soul(AM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Soul(AM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Soul(AM)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Soul(AM)	2014	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Soul(AM)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Soul(AM)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Soul(AM)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Soul(AM)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Soul(AM)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Soul(AM)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Soul(AM)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Soul(AM)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Soul(AM)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Soul(AM)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Soul(AM)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Soul(AM)	2013	General Area	AC(Air Conditioning)	Version	
Soul(AM)	2013	General Area	AC(Air Conditioning)	Read Fault Code	
Soul(AM)	2013	General Area	AC(Air Conditioning)	Clear Fault	
Soul(AM)	2013	General Area	AC(Air Conditioning)	Read Data	
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium

model	year	area	system	function	subfunction
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High

model	year	area	system	function	subfunction
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Soul(AM)	2013	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Soul(AM)	2013	General Area	BCM(Body Control Module)	Version Information	
Soul(AM)	2013	General Area	BCM(Body Control Module)	Read Data Stream	
Soul(AM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Soul(AM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Soul(AM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tail Gate Relay
Soul(AM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay

model	year	area	system	function	subfunction
Soul(AM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Front Wiper Relay
Soul(AM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Soul(AM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Soul(AM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Soul(AM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Soul(AM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Soul(AM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay
Soul(AM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Soul(AM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Soul(AM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Soul(AM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Soul(AM)	2013	General Area	BCM(Body Control Module)	Actuation Test	DRL Left
Soul(AM)	2013	General Area	BCM(Body Control Module)	Actuation Test	DRL Right
Soul(AM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Soul(AM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Soul(AM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Soul(AM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Soul(AM)	2013	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Soul(AM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Soul(AM)	2013	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Indicator
Soul(AM)	2013	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Soul(AM)	2013	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Version Information	

model	year	area	system	function	subfunction
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Read Fault Code	
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Read Data Stream	
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)

model	year	area	system	function	subfunction
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve

model	year	area	system	function	subfunction
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters

model	year	area	system	function	subfunction
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4

model	year	area	system	function	subfunction
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay(M/T Only)
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 5%
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 95%
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 5%

model	year	area	system	function	subfunction
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 95%
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Starter Relay
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Special Function	Essential Work After Component Replacement
Soul(AM)	2013	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Soul(AM)	2013	General Area	ESP(Electronic Stability Program)	Version Information	
Soul(AM)	2013	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Soul(AM)	2013	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Soul(AM)	2013	General Area	ESP(Electronic Stability Program)	Read Data Stream	

model	year	area	system	function	subfunction
Soul(AM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Soul(AM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Soul(AM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Soul(AM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Soul(AM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Soul(AM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Soul(AM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Soul(AM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Soul(AM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Soul(AM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Soul(AM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Soul(AM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Soul(AM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Soul(AM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Soul(AM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Soul(AM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Soul(AM)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Soul(AM)	2013	General Area	ESP(Electronic Stability Program)	Special Function	SAS Calibration(CAN-ESP Only)
Soul(AM)	2013	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Soul(AM)	2013	General Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor
Soul(AM)	2013	General Area	IMMO(Immobilizer)	Read Data	
Soul(AM)	2013	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin

model	year	area	system	function	subfunction
Soul(AM)	2013	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Soul(AM)	2013	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Soul(AM)	2013	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Soul(AM)	2013	General Area	IMMO(Immobilizer)	Special Function	Teaching
Soul(AM)	2013	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Soul(AM)	2013	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Soul(AM)	2013	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Soul(AM)	2013	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Soul(AM)	2013	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Soul(AM)	2013	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Soul(AM)	2013	General Area	Smart Key	Version	
Soul(AM)	2013	General Area	Smart Key	Read Fault Code	
Soul(AM)	2013	General Area	Smart Key	Clear Fault	
Soul(AM)	2013	General Area	Smart Key	Read Data	
Soul(AM)	2013	General Area	Smart Key	Actuation Test	SSB LED Amber
Soul(AM)	2013	General Area	Smart Key	Actuation Test	SSB LED Blue/Green
Soul(AM)	2013	General Area	Smart Key	Actuation Test	FOB holder illumination
Soul(AM)	2013	General Area	Smart Key	Actuation Test	SSB illumination
Soul(AM)	2013	General Area	Smart Key	Actuation Test	ACC Relay
Soul(AM)	2013	General Area	Smart Key	Actuation Test	IGN1 Relay
Soul(AM)	2013	General Area	Smart Key	Actuation Test	IGN2 Relay
Soul(AM)	2013	General Area	Smart Key	Actuation Test	START Relay
Soul(AM)	2013	General Area	Smart Key	Actuation Test	Immobilizer Indicator
Soul(AM)	2013	General Area	Smart Key	Actuation Test	External Buzzer
Soul(AM)	2013	General Area	Smart Key	Actuation Test	Interior Antenna
Soul(AM)	2013	General Area	Smart Key	Actuation Test	Interior Antenna
Soul(AM)	2013	General Area	Smart Key	Actuation Test	Interior Antenna
Soul(AM)	2013	General Area	Smart Key	Actuation Test	Bumper/Tail Gate Antenna
Soul(AM)	2013	General Area	Smart Key	Actuation Test	Driver Door Handle Antenna
Soul(AM)	2013	General Area	Smart Key	Actuation Test	Right Door Handle Antenna
Soul(AM)	2013	General Area	Smart Key	Special Function	ESCL Open Status Check

model	year	area	system	function	subfunction
Soul(AM)	2013	General Area	Smart Key	Special Function	Neutralization Mode
Soul(AM)	2013	General Area	Smart Key	Special Function	SMK Status Information
Soul(AM)	2013	General Area	Smart Key	Special Function	ESCL Status Information
Soul(AM)	2013	General Area	Smart Key	Special Function	PDM Status Information
Soul(AM)	2013	General Area	Smart Key	Special Function	FOB KEY Status Information
Soul(AM)	2013	General Area	Smart Key	Special Function	Serial Communication Line Check
Soul(AM)	2013	General Area	Smart Key	Special Function	Antenna Status Check
Soul(AM)	2013	General Area	Smart Key	Special Function	Smart Key Code Saving
Soul(AM)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Soul(AM)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Soul(AM)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Soul(AM)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Soul(AM)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Soul(AM)	2013	General Area	TCM(Transmission Control Module)	Version Information	
Soul(AM)	2013	General Area	TCM(Transmission Control Module)	Read Fault Code	
Soul(AM)	2013	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Soul(AM)	2013	General Area	TCM(Transmission Control Module)	Read Data Stream	
Soul(AM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Soul(AM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)

model	year	area	system	function	subfunction
Soul(AM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Soul(AM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Soul(AM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Soul(AM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Soul(AM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Soul(AM)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Soul(AM)	2013	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Soul(AM)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Soul(AM)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Soul(AM)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Soul(AM)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Soul(AM)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Soul(AM)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Soul(AM)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Soul(AM)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Soul(AM)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Soul(AM)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Soul(AM)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Soul(AM)	2012	General Area	AC(Air Conditioning)	Version	
Soul(AM)	2012	General Area	AC(Air Conditioning)	Read Fault Code	
Soul(AM)	2012	General Area	AC(Air Conditioning)	Clear Fault	
Soul(AM)	2012	General Area	AC(Air Conditioning)	Read Data	

model	year	area	system	function	subfunction
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)

model	year	area	system	function	subfunction
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Soul(AM)	2012	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Soul(AM)	2012	General Area	BCM(Body Control Module)	Version Information	
Soul(AM)	2012	General Area	BCM(Body Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Soul(AM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Soul(AM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Soul(AM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Tail Gate Relay
Soul(AM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Soul(AM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Front Wiper Relay
Soul(AM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Soul(AM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Soul(AM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Soul(AM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Soul(AM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Soul(AM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay
Soul(AM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Soul(AM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Soul(AM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Soul(AM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Soul(AM)	2012	General Area	BCM(Body Control Module)	Actuation Test	DRL Left
Soul(AM)	2012	General Area	BCM(Body Control Module)	Actuation Test	DRL Right
Soul(AM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Soul(AM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Soul(AM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Soul(AM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Soul(AM)	2012	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Soul(AM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay

model	year	area	system	function	subfunction
Soul(AM)	2012	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Indicator
Soul(AM)	2012	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Soul(AM)	2012	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Version Information	
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Read Fault Code	
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Read Data Stream	
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	A/C COMPRESSOR
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 5%

model	year	area	system	function	subfunction
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 95%
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 5%
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 95%
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 5%
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 76%
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 5%
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 95%
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Starter Relay
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)

model	year	area	system	function	subfunction
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1

model	year	area	system	function	subfunction
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2

model	year	area	system	function	subfunction
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2

model	year	area	system	function	subfunction
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)

model	year	area	system	function	subfunction
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Waste Gate Valve(Turbo Only)
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Valve Lift Control
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Valve Lift Manual Angle Adjustment
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Soul(AM)	2012	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Soul(AM)	2012	General Area	ESP(Electronic Stability Program)	Version Information	
Soul(AM)	2012	General Area	ESP(Electronic Stability Program)	Read Fault Code	

model	year	area	system	function	subfunction
Soul(AM)	2012	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Soul(AM)	2012	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Soul(AM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Soul(AM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Soul(AM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Soul(AM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Soul(AM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Soul(AM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Soul(AM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Soul(AM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Soul(AM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Soul(AM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Soul(AM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Soul(AM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Soul(AM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Soul(AM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Soul(AM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Soul(AM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Soul(AM)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Soul(AM)	2012	General Area	ESP(Electronic Stability Program)	Special Function	SAS Calibration(CAN-ESP Only)
Soul(AM)	2012	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode

model	year	area	system	function	subfunction
Soul(AM)	2012	General Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor
Soul(AM)	2012	General Area	IMMO(Immobilizer)	Read Data	
Soul(AM)	2012	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Soul(AM)	2012	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Soul(AM)	2012	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Soul(AM)	2012	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Soul(AM)	2012	General Area	IMMO(Immobilizer)	Special Function	Teaching
Soul(AM)	2012	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Soul(AM)	2012	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Soul(AM)	2012	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Soul(AM)	2012	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Soul(AM)	2012	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Soul(AM)	2012	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Soul(AM)	2012	General Area	Smart Key	Version	
Soul(AM)	2012	General Area	Smart Key	Read Fault Code	
Soul(AM)	2012	General Area	Smart Key	Clear Fault	
Soul(AM)	2012	General Area	Smart Key	Read Data	
Soul(AM)	2012	General Area	Smart Key	Actuation Test	SSB LED Amber
Soul(AM)	2012	General Area	Smart Key	Actuation Test	SSB LED Blue/Green
Soul(AM)	2012	General Area	Smart Key	Actuation Test	FOB holder illumination
Soul(AM)	2012	General Area	Smart Key	Actuation Test	SSB illumination
Soul(AM)	2012	General Area	Smart Key	Actuation Test	ACC Relay
Soul(AM)	2012	General Area	Smart Key	Actuation Test	IGN1 Relay
Soul(AM)	2012	General Area	Smart Key	Actuation Test	IGN2 Relay
Soul(AM)	2012	General Area	Smart Key	Actuation Test	START Relay
Soul(AM)	2012	General Area	Smart Key	Actuation Test	Immobilizer Indicator
Soul(AM)	2012	General Area	Smart Key	Actuation Test	External Buzzer
Soul(AM)	2012	General Area	Smart Key	Actuation Test	Interior Antenna
Soul(AM)	2012	General Area	Smart Key	Actuation Test	Interior Antenna
Soul(AM)	2012	General Area	Smart Key	Actuation Test	Interior Antenna
Soul(AM)	2012	General Area	Smart Key	Actuation Test	Bumper/Tail Gate Antenna
Soul(AM)	2012	General Area	Smart Key	Actuation Test	Driver Door Handle Antenna

model	year	area	system	function	subfunction
Soul(AM)	2012	General Area	Smart Key	Actuation Test	Right Door Handle Antenna
Soul(AM)	2012	General Area	Smart Key	Special Function	ESCL Open Status Check
Soul(AM)	2012	General Area	Smart Key	Special Function	Neutralization Mode
Soul(AM)	2012	General Area	Smart Key	Special Function	SMK Status Information
Soul(AM)	2012	General Area	Smart Key	Special Function	ESCL Status Information
Soul(AM)	2012	General Area	Smart Key	Special Function	PDM Status Information
Soul(AM)	2012	General Area	Smart Key	Special Function	FOB KEY Status Information
Soul(AM)	2012	General Area	Smart Key	Special Function	Serial Communication Line Check
Soul(AM)	2012	General Area	Smart Key	Special Function	Antenna Status Check
Soul(AM)	2012	General Area	Smart Key	Special Function	Smart Key Code Saving
Soul(AM)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Soul(AM)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Soul(AM)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Soul(AM)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Soul(AM)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Soul(AM)	2012	General Area	Steering	Version	
Soul(AM)	2012	General Area	Steering	Read Fault Code	
Soul(AM)	2012	General Area	Steering	Clear Fault	
Soul(AM)	2012	General Area	Steering	Read Data	
Soul(AM)	2012	General Area	Steering	Special Function	ASP Calibration
Soul(AM)	2012	General Area	Steering	Special Function	EPS Type Recognition
Soul(AM)	2012	General Area	TCM(Transmission Control Module)	Version Information	

model	year	area	system	function	subfunction
Soul(AM)	2012	General Area	TCM(Transmission Control Module)	Read Fault Code	
Soul(AM)	2012	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Soul(AM)	2012	General Area	TCM(Transmission Control Module)	Read Data Stream	
Soul(AM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Soul(AM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Soul(AM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Soul(AM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Soul(AM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Soul(AM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Soul(AM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Soul(AM)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Soul(AM)	2012	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Soul(AM)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Soul(AM)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Soul(AM)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Soul(AM)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Soul(AM)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Soul(AM)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Soul(AM)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps

model	year	area	system	function	subfunction
Soul(AM)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Soul(AM)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Soul(AM)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Soul(AM)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Soul(AM)	2011	General Area	AC(Air Conditioning)	Version	
Soul(AM)	2011	General Area	AC(Air Conditioning)	Read Fault Code	
Soul(AM)	2011	General Area	AC(Air Conditioning)	Clear Fault	
Soul(AM)	2011	General Area	AC(Air Conditioning)	Read Data	
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost

model	year	area	system	function	subfunction
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%

model	year	area	system	function	subfunction
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Soul(AM)	2011	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Soul(AM)	2011	General Area	BCM(Body Control Module)	Version Information	
Soul(AM)	2011	General Area	BCM(Body Control Module)	Read Data Stream	
Soul(AM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Soul(AM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Soul(AM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Tail Gate Relay
Soul(AM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Soul(AM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Soul(AM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Front Wiper Relay
Soul(AM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Soul(AM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Soul(AM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Soul(AM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay
Soul(AM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Soul(AM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Soul(AM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Seat belt indicator
Soul(AM)	2011	General Area	BCM(Body Control Module)	Actuation Test	DRL relay(EC)
Soul(AM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Soul(AM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Soul(AM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp

model	year	area	system	function	subfunction
Soul(AM)	2011	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Indicator
Soul(AM)	2011	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Soul(AM)	2011	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Version Information	
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Read Fault Code	
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Read Data Stream	
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	MIL
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Heater Relay
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	VGT Actuator

model	year	area	system	function	subfunction
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator

model	year	area	system	function	subfunction
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust

model	year	area	system	function	subfunction
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1

model	year	area	system	function	subfunction
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3

model	year	area	system	function	subfunction
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Special Function	Ignition Test
Soul(AM)	2011	General Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Soul(AM)	2011	General Area	ESP(Electronic Stability Program)	Version Information	
Soul(AM)	2011	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Soul(AM)	2011	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Soul(AM)	2011	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Soul(AM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Soul(AM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Soul(AM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Soul(AM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Soul(AM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Soul(AM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Soul(AM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Soul(AM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear

model	year	area	system	function	subfunction
Soul(AM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Soul(AM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Soul(AM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Soul(AM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Soul(AM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Soul(AM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Soul(AM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Soul(AM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Soul(AM)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Soul(AM)	2011	General Area	ESP(Electronic Stability Program)	Special Function	SAS Calibration(CAN-ESP Only)
Soul(AM)	2011	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Soul(AM)	2011	General Area	IMMO(Immobilizer)	Read Data	
Soul(AM)	2011	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Soul(AM)	2011	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Soul(AM)	2011	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Soul(AM)	2011	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Soul(AM)	2011	General Area	IMMO(Immobilizer)	Special Function	Teaching
Soul(AM)	2011	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Soul(AM)	2011	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Soul(AM)	2011	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Soul(AM)	2011	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Soul(AM)	2011	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Soul(AM)	2011	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Soul(AM)	2011	General Area	Power Steering	Version	

model	year	area	system	function	subfunction
Soul(AM)	2011	General Area	Power Steering	Read Fault Code	
Soul(AM)	2011	General Area	Power Steering	Clear Fault	
Soul(AM)	2011	General Area	Power Steering	Read Data	
Soul(AM)	2011	General Area	Power Steering	Special Function	ASP Calibration
Soul(AM)	2011	General Area	Power Steering	Special Function	EPS Type Recognition
Soul(AM)	2011	General Area	Smart Key	Version	
Soul(AM)	2011	General Area	Smart Key	Read Fault Code	
Soul(AM)	2011	General Area	Smart Key	Clear Fault	
Soul(AM)	2011	General Area	Smart Key	Read Data	
Soul(AM)	2011	General Area	Smart Key	Actuation Test	Immobilizer Indicator
Soul(AM)	2011	General Area	Smart Key	Actuation Test	External Buzzer
Soul(AM)	2011	General Area	Smart Key	Actuation Test	Interior Antenna
Soul(AM)	2011	General Area	Smart Key	Actuation Test	Interior Antenna
Soul(AM)	2011	General Area	Smart Key	Actuation Test	Interior Antenna
Soul(AM)	2011	General Area	Smart Key	Actuation Test	Bumper/Tail Gate Antenna
Soul(AM)	2011	General Area	Smart Key	Actuation Test	Driver Door Handle Antenna
Soul(AM)	2011	General Area	Smart Key	Actuation Test	Right Door Handle Antenna
Soul(AM)	2011	General Area	Smart Key	Actuation Test	SSB LED Amber
Soul(AM)	2011	General Area	Smart Key	Actuation Test	SSB LED Blue/Green
Soul(AM)	2011	General Area	Smart Key	Actuation Test	FOB holder illumination
Soul(AM)	2011	General Area	Smart Key	Actuation Test	SSB illumination
Soul(AM)	2011	General Area	Smart Key	Actuation Test	ACC Relay
Soul(AM)	2011	General Area	Smart Key	Actuation Test	IGN1 Relay
Soul(AM)	2011	General Area	Smart Key	Actuation Test	IGN2 Relay
Soul(AM)	2011	General Area	Smart Key	Actuation Test	START Relay
Soul(AM)	2011	General Area	Smart Key	Special Function	Neutralization Mode
Soul(AM)	2011	General Area	Smart Key	Special Function	SMK Status Information
Soul(AM)	2011	General Area	Smart Key	Special Function	ESCL Status Information
Soul(AM)	2011	General Area	Smart Key	Special Function	PDM Status Information
Soul(AM)	2011	General Area	Smart Key	Special Function	FOB KEY Status Information
Soul(AM)	2011	General Area	Smart Key	Special Function	Serial Communication Line Check

model	year	area	system	function	subfunction
Soul(AM)	2011	General Area	Smart Key	Special Function	Antenna Status Check
Soul(AM)	2011	General Area	Smart Key	Special Function	Smart Key Code Saving
Soul(AM)	2011	General Area	Smart Key	Special Function	ESCL Open Status Check
Soul(AM)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Soul(AM)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Soul(AM)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Soul(AM)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Soul(AM)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Soul(AM)	2011	General Area	TCM(Transmission Control Module)	Version Information	
Soul(AM)	2011	General Area	TCM(Transmission Control Module)	Read Fault Code	
Soul(AM)	2011	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Soul(AM)	2011	General Area	TCM(Transmission Control Module)	Read Data Stream	
Soul(AM)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
Soul(AM)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
Soul(AM)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE
Soul(AM)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
Soul(AM)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)

model	year	area	system	function	subfunction
Soul(AM)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Soul(AM)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
Soul(AM)	2011	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Soul(AM)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Soul(AM)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Soul(AM)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Soul(AM)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Soul(AM)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Soul(AM)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Soul(AM)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Soul(AM)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Soul(AM)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Soul(AM)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Soul(AM)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Soul(AM)	2010	General Area	BCM(Body Control Module)	Version Information	
Soul(AM)	2010	General Area	BCM(Body Control Module)	Read Data Stream	
Soul(AM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Soul(AM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Soul(AM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Tail Gate Relay
Soul(AM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Soul(AM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Soul(AM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Front Wiper Relay

model	year	area	system	function	subfunction
Soul(AM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Soul(AM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Soul(AM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Soul(AM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay
Soul(AM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Soul(AM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Soul(AM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Seat belt indicator
Soul(AM)	2010	General Area	BCM(Body Control Module)	Actuation Test	DRL relay(EC)
Soul(AM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Soul(AM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Soul(AM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Soul(AM)	2010	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Indicator
Soul(AM)	2010	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Soul(AM)	2010	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Version Information	
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Read Fault Code	
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Read Data Stream	
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	MIL
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Heater Relay
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main

model	year	area	system	function	subfunction
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	VGT Actuator
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1

model	year	area	system	function	subfunction
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Special Function	Ignition Test
Soul(AM)	2010	General Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Soul(AM)	2010	General Area	ESP(Electronic Stability Program)	Version Information	
Soul(AM)	2010	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Soul(AM)	2010	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	

model	year	area	system	function	subfunction
Soul(AM)	2010	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Soul(AM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Soul(AM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Soul(AM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Soul(AM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Soul(AM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Soul(AM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Soul(AM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Soul(AM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Soul(AM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Soul(AM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Soul(AM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Soul(AM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Soul(AM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Soul(AM)	2010	General Area	ESP(Electronic Stability Program)	Special Function	Steering Angle Sensor
Soul(AM)	2010	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Soul(AM)	2010	General Area	IMMO(Immobilizer)	Read Data	
Soul(AM)	2010	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Soul(AM)	2010	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Soul(AM)	2010	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Soul(AM)	2010	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Soul(AM)	2010	General Area	IMMO(Immobilizer)	Special Function	Teaching
Soul(AM)	2010	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Soul(AM)	2010	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Soul(AM)	2010	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	

model	year	area	system	function	subfunction
Soul(AM)	2010	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Soul(AM)	2010	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Soul(AM)	2010	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Soul(AM)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Soul(AM)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Soul(AM)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Soul(AM)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Soul(AM)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Soul(AM)	2010	General Area	TCM(Transmission Control Module)	Version Information	
Soul(AM)	2010	General Area	TCM(Transmission Control Module)	Read Fault Code	
Soul(AM)	2010	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Soul(AM)	2010	General Area	TCM(Transmission Control Module)	Read Data Stream	
Soul(AM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
Soul(AM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
Soul(AM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE
Soul(AM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
Soul(AM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)

model	year	area	system	function	subfunction
Soul(AM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Soul(AM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
Soul(AM)	2010	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Soul(AM)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Soul(AM)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Soul(AM)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Soul(AM)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Soul(AM)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Soul(AM)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Soul(AM)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Soul(AM)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Soul(AM)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Soul(AM)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Soul(AM)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Soul(AM)	2009	General Area	BCM(Body Control Module)	Version Information	
Soul(AM)	2009	General Area	BCM(Body Control Module)	Read Data Stream	
Soul(AM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Soul(AM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Soul(AM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Tail Gate Relay
Soul(AM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Soul(AM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Soul(AM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Front Wiper Relay

model	year	area	system	function	subfunction
Soul(AM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Soul(AM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Soul(AM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Soul(AM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay
Soul(AM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Soul(AM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Soul(AM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Seat belt indicator
Soul(AM)	2009	General Area	BCM(Body Control Module)	Actuation Test	DRL relay(EC)
Soul(AM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Soul(AM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Soul(AM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Soul(AM)	2009	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Indicator
Soul(AM)	2009	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Soul(AM)	2009	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Version Information	
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Read Fault Code	
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Read Data Stream	
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	MIL
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Heater Relay
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main

model	year	area	system	function	subfunction
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	VGT Actuator
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1

model	year	area	system	function	subfunction
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Special Function	Ignition Test
Soul(AM)	2009	General Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Soul(AM)	2009	General Area	ESP(Electronic Stability Program)	Version Information	
Soul(AM)	2009	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Soul(AM)	2009	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	

model	year	area	system	function	subfunction
Soul(AM)	2009	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Soul(AM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Soul(AM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Soul(AM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Soul(AM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Soul(AM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Soul(AM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Soul(AM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Soul(AM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Soul(AM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Soul(AM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Soul(AM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Soul(AM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Soul(AM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Soul(AM)	2009	General Area	ESP(Electronic Stability Program)	Special Function	Steering Angle Sensor
Soul(AM)	2009	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Soul(AM)	2009	General Area	IMMO(Immobilizer)	Read Data	
Soul(AM)	2009	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Soul(AM)	2009	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Soul(AM)	2009	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Soul(AM)	2009	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Soul(AM)	2009	General Area	IMMO(Immobilizer)	Special Function	Teaching
Soul(AM)	2009	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Soul(AM)	2009	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Soul(AM)	2009	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	

model	year	area	system	function	subfunction
Soul(AM)	2009	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Soul(AM)	2009	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Soul(AM)	2009	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Soul(AM)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Soul(AM)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Soul(AM)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Soul(AM)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Soul(AM)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Soul(AM)	2009	General Area	TCM(Transmission Control Module)	Version Information	
Soul(AM)	2009	General Area	TCM(Transmission Control Module)	Read Fault Code	
Soul(AM)	2009	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Soul(AM)	2009	General Area	TCM(Transmission Control Module)	Read Data Stream	
Soul(AM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
Soul(AM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
Soul(AM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE
Soul(AM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
Soul(AM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)

model	year	area	system	function	subfunction
Soul(AM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Soul(AM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
Soul(AM)	2009	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Soul(AM)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Soul(AM)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Soul(AM)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Soul(AM)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Soul(AM)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Soul(AM)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Soul(AM)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Soul(AM)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Soul(AM)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Soul(AM)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Soul(AM)	2009	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Soul(PS)	2016	General Area	AC(Air Conditioning)	Version	
Soul(PS)	2016	General Area	AC(Air Conditioning)	Read Fault Code	
Soul(PS)	2016	General Area	AC(Air Conditioning)	Clear Fault	
Soul(PS)	2016	General Area	AC(Air Conditioning)	Read Data	
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%

model	year	area	system	function	subfunction
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%

model	year	area	system	function	subfunction
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Soul(PS)	2016	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Soul(PS)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Soul(PS)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Soul(PS)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Soul(PS)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Soul(PS)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Actuator 20%

model	year	area	system	function	subfunction
Soul(PS)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Actuator 80%
Soul(PS)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Sensor Origin Point
Soul(PS)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Setting&Zero position Initial
Soul(PS)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Soul(PS)	2016	General Area	BCM(Body Control Module)	Version Information	
Soul(PS)	2016	General Area	BCM(Body Control Module)	Read Fault Code	
Soul(PS)	2016	General Area	BCM(Body Control Module)	Clear Fault Memory	
Soul(PS)	2016	General Area	BCM(Body Control Module)	Read Data Stream	
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp

model	year	area	system	function	subfunction
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH

model	year	area	system	function	subfunction
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to

model	year	area	system	function	subfunction
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator

model	year	area	system	function	subfunction
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Output
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Indicator
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay

model	year	area	system	function	subfunction
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Body Cut IPS
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt Indicator
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt Indicator
Soul(PS)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt Indicator
Soul(PS)	2016	General Area	BCM(Body Control Module)	Special Function	CLU Variant Coding
Soul(PS)	2016	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting
Soul(PS)	2016	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Soul(PS)	2016	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Version Information	
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Read Fault Code	
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Read Data Stream	
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay

model	year	area	system	function	subfunction
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4

model	year	area	system	function	subfunction
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)

model	year	area	system	function	subfunction
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1

model	year	area	system	function	subfunction
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Electrical Water Heater
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PTC Relay
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Main Water Pump

model	year	area	system	function	subfunction
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #1 Actuation
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #2 Actuation
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #3 Actuation
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #4 Actuation
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Relay
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GRU(Glow Relay Unit)15%Duty
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 10%
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 90%
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 10%
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 90%
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 10%
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 90%
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 5%
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 95%
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed PWM Output
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 5%
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 95%
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 5%
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 95%

model	year	area	system	function	subfunction
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 5%
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 95%
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control Actuator(2000
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Soul(PS)	2016	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Version Information	
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Read Fault Code	
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Clear Fault Memory	
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Read Data Stream	
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Actuation Test	Brake Lamp Control
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Actuation Test	Motor
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Actuation Test	Inlet Valve-Left Front
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Actuation Test	Inlet Valve-Right Front
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Actuation Test	Inlet Valve-Left Rear

model	year	area	system	function	subfunction
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Actuation Test	Inlet Valve-Right Rear
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Actuation Test	Outlet Valve-Left Front
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Actuation Test	Outlet Valve-Right Front
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Actuation Test	Outlet Valve-Left Rear
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Actuation Test	Outlet Valve-Right Rear
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Actuation Test	TCS Valve-Left Front
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Actuation Test	TCS Valve-Right Front
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Actuation Test	Electric Shuttle Valve-Right Front
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Actuation Test	Electric Shuttle Valve-Left Front
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Actuation Test	IFL Control
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Actuation Test	OFL Control
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Actuation Test	IFR Control
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Actuation Test	IRL Control
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Actuation Test	ORL Control
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Actuation Test	IRR Control
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Actuation Test	ORR Control
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Actuation Test	TCS FR Valve Control
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Actuation Test	TCS FL Valve Control
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Actuation Test	ESV-R Control
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Actuation Test	ESV-L Control
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Actuation Test	In-Line Bleeding
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Actuation Test	Repair Bleeding-FL/RR Circuit
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Actuation Test	Repair Bleeding-FR/RL Circuit

model	year	area	system	function	subfunction
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Actuation Test	HAC Brake Lamp Actuator
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Actuation Test	ESS Lamp
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Special Function	Longitudinal G Sensor
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Special Function	HCU Air Bleeding Mode
Soul(PS)	2016	General Area	ESC(Electronic Stability Control)	Special Function	Auto Detected Configuration Reset
Soul(PS)	2016	General Area	IMMO(Immobilizer)	Read Fault Code	
Soul(PS)	2016	General Area	IMMO(Immobilizer)	Clear Fault	
Soul(PS)	2016	General Area	IMMO(Immobilizer)	Read Data	
Soul(PS)	2016	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Soul(PS)	2016	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Soul(PS)	2016	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Soul(PS)	2016	General Area	IMMO(Immobilizer)	Special Function	Teaching
Soul(PS)	2016	General Area	LDWS(Lane Departure Warning System)	Version Information	
Soul(PS)	2016	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Soul(PS)	2016	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Soul(PS)	2016	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Soul(PS)	2016	General Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Variant Coding
Soul(PS)	2016	General Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Reference Point Calibration
Soul(PS)	2016	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Soul(PS)	2016	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Soul(PS)	2016	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Soul(PS)	2016	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Soul(PS)	2016	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Soul(PS)	2016	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Soul(PS)	2016	General Area	MDPS(Motor Driven Power Steering)	Special Function	Power Steering ECU

model	year	area	system	function	subfunction
Soul(PS)	2016	General Area	MDPS(Motor Driven Power Steering)	Special Function	Power Steering Motor
Soul(PS)	2016	General Area	Smart Key	Version	
Soul(PS)	2016	General Area	Smart Key	Read Fault Code	
Soul(PS)	2016	General Area	Smart Key	Clear Fault	
Soul(PS)	2016	General Area	Smart Key	Read Data	
Soul(PS)	2016	General Area	Smart Key	Actuation Test	SSB Illumination
Soul(PS)	2016	General Area	Smart Key	Actuation Test	SSB LED Amber
Soul(PS)	2016	General Area	Smart Key	Actuation Test	SSB LED Blue/Red
Soul(PS)	2016	General Area	Smart Key	Actuation Test	SSB LED White
Soul(PS)	2016	General Area	Smart Key Unit(Button)	Actuation Test	ESCL Enable(ESCL only)
Soul(PS)	2016	General Area	Smart Key Unit(Button)	Actuation Test	ESCL Ground Output
Soul(PS)	2016	General Area	Smart Key Unit(Button)	Actuation Test	ESCL Battery Output
Soul(PS)	2016	General Area	Smart Key	Actuation Test	ACC Relay
Soul(PS)	2016	General Area	Smart Key	Actuation Test	IGN1 Relay
Soul(PS)	2016	General Area	Smart Key	Actuation Test	IGN2 Relay
Soul(PS)	2016	General Area	Smart Key	Actuation Test	Starter Relay
Soul(PS)	2016	General Area	Smart Key	Actuation Test	External Buzzer
Soul(PS)	2016	General Area	Smart Key	Actuation Test	Key Out Indicator
Soul(PS)	2016	General Area	Smart Key Unit(Button)	Actuation Test	Immobilizer Indicator
Soul(PS)	2016	General Area	Smart Key Unit(Button)	Actuation Test	FOB Battery Indicator
Soul(PS)	2016	General Area	Smart Key	Actuation Test	SSB LED OFF
Soul(PS)	2016	General Area	Smart Key	Actuation Test	Interior Antenna
Soul(PS)	2016	General Area	Smart Key	Actuation Test	Interior Antenna
Soul(PS)	2016	General Area	Smart Key	Actuation Test	Trunk Antenna
Soul(PS)	2016	General Area	Smart Key	Actuation Test	Interior Antenna
Soul(PS)	2016	General Area	Smart Key Unit(Button)	Actuation Test	Bumper Antenna Active
Soul(PS)	2016	General Area	Smart Key Unit(Button)	Actuation Test	Activate Driver Side Antenna
Soul(PS)	2016	General Area	Smart Key Unit(Button)	Actuation Test	Activate Assist Side Antenna
Soul(PS)	2016	General Area	Smart Key Unit(Button)	Actuation Test	Immobilizer Antenna
Soul(PS)	2016	General Area	Smart Key Unit(Button)	Actuation Test	Activate Hat Shelf Antenna
Soul(PS)	2016	General Area	Smart Key Unit(Button)	Special Function	Smart Key Code Saving
Soul(PS)	2016	General Area	Smart Key Unit(Button)	Special Function	Neutralization Mode

model	year	area	system	function	subfunction
Soul(PS)	2016	General Area	Smart Key Unit(Button)	Special Function	SMK Status Information
Soul(PS)	2016	General Area	Smart Key Unit(Button)	Special Function	ESCL Status Information
Soul(PS)	2016	General Area	Smart Key Unit(Button)	Special Function	FOB KEY Status Information
Soul(PS)	2016	General Area	Smart Key Unit(Button)	Special Function	Current FOB Key Check
Soul(PS)	2016	General Area	Smart Key Unit(Button)	Special Function	ESCL Open Status Check
Soul(PS)	2016	General Area	Smart Key Unit(Button)	Special Function	ESCL Enable Output Check
Soul(PS)	2016	General Area	Smart Key Unit(Button)	Special Function	Serial Communication Line Check
Soul(PS)	2016	General Area	Smart Key Unit(Button)	Special Function	Antenna Status Check
Soul(PS)	2016	General Area	SPAS(Smart Parking Assist System)	Version Information	
Soul(PS)	2016	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Soul(PS)	2016	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Soul(PS)	2016	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Soul(PS)	2016	General Area	SPAS(Smart Parking Assist System)	Actuation Test	Speaker Activation
Soul(PS)	2016	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation
Soul(PS)	2016	General Area	SPAS(Smart Parking Assist System)	Special Function	SPAS Variant Coding
Soul(PS)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Soul(PS)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Soul(PS)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Soul(PS)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Soul(PS)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding

model	year	area	system	function	subfunction
Soul(PS)	2016	General Area	TCM(Transmission Control Module)	Version Information	
Soul(PS)	2016	General Area	TCM(Transmission Control Module)	Read Fault Code	
Soul(PS)	2016	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Soul(PS)	2016	General Area	TCM(Transmission Control Module)	Read Data Stream	
Soul(PS)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Soul(PS)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Soul(PS)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Soul(PS)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Soul(PS)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Soul(PS)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Soul(PS)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Soul(PS)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Soul(PS)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Clutch Reference Position Check
Soul(PS)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Clutch(20mm)
Soul(PS)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Clutch(20mm)
Soul(PS)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Both Clutch(20mm)
Soul(PS)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Self Opening of Odd Clutch
Soul(PS)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Self Opening of Even Clutch
Soul(PS)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Gear Actuator Reference Check

model	year	area	system	function	subfunction
Soul(PS)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(1st Gear)
Soul(PS)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(2nd Gear)
Soul(PS)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(3rd Gear)
Soul(PS)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(4th Gear)
Soul(PS)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(5th Gear)
Soul(PS)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(6th Gear)
Soul(PS)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(7th Gear)
Soul(PS)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(R Gear)
Soul(PS)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Gear Neutral
Soul(PS)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Lug Alignment
Soul(PS)	2016	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Soul(PS)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Soul(PS)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Soul(PS)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Soul(PS)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Soul(PS)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Soul(PS)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Soul(PS)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Soul(PS)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Soul(PS)	2015	General Area	AC(Air Conditioning)	Version	
Soul(PS)	2015	General Area	AC(Air Conditioning)	Read Fault Code	
Soul(PS)	2015	General Area	AC(Air Conditioning)	Clear Fault	
Soul(PS)	2015	General Area	AC(Air Conditioning)	Read Data	
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off

model	year	area	system	function	subfunction
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low

model	year	area	system	function	subfunction
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Soul(PS)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Soul(PS)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	

model	year	area	system	function	subfunction
Soul(PS)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Soul(PS)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Soul(PS)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Soul(PS)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Actuator 20%
Soul(PS)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Actuator 80%
Soul(PS)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Sensor Origin Point
Soul(PS)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Setting&Zero position Initial
Soul(PS)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Soul(PS)	2015	General Area	BCM(Body Control Module)	Version Information	
Soul(PS)	2015	General Area	BCM(Body Control Module)	Read Fault Code	
Soul(PS)	2015	General Area	BCM(Body Control Module)	Clear Fault Memory	
Soul(PS)	2015	General Area	BCM(Body Control Module)	Read Data Stream	
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay

model	year	area	system	function	subfunction
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)

model	year	area	system	function	subfunction
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay

model	year	area	system	function	subfunction
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control

model	year	area	system	function	subfunction
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Output
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Indicator
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)

model	year	area	system	function	subfunction
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Body Cut IPS
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt Indicator
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt Indicator
Soul(PS)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt Indicator
Soul(PS)	2015	General Area	BCM(Body Control Module)	Special Function	CLU Variant Coding
Soul(PS)	2015	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting
Soul(PS)	2015	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Soul(PS)	2015	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Version Information	
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Read Fault Code	
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Read Data Stream	
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)

model	year	area	system	function	subfunction
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer

model	year	area	system	function	subfunction
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction

model	year	area	system	function	subfunction
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay(M/T Only)

model	year	area	system	function	subfunction
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 5%
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 95%
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 5%
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 95%
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Special Function	Read VIN

model	year	area	system	function	subfunction
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Special Function	Essential Work After Component Replacement
Soul(PS)	2015	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Version Information	
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Brake Lamp Control
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear

model	year	area	system	function	subfunction
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	IFL Control
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	OFL Control
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	IFR Control
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	IRL Control
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	ORL Control
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	IRR Control
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	ORR Control
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS FR Valve Control
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS FL Valve Control
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV-R Control
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV-L Control
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	In-Line Bleeding
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Repair Bleeding-FL/RR Circuit
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Repair Bleeding-FR/RL Circuit
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	HAC Brake Lamp Actuator

model	year	area	system	function	subfunction
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Lamp
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Soul(PS)	2015	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset
Soul(PS)	2015	General Area	IMMO(Immobilizer)	Read Fault Code	
Soul(PS)	2015	General Area	IMMO(Immobilizer)	Clear Fault	
Soul(PS)	2015	General Area	IMMO(Immobilizer)	Read Data	
Soul(PS)	2015	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Soul(PS)	2015	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Soul(PS)	2015	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Soul(PS)	2015	General Area	IMMO(Immobilizer)	Special Function	Teaching
Soul(PS)	2015	General Area	LDWS(Lane Departure Warning System)	Version Information	
Soul(PS)	2015	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Soul(PS)	2015	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Soul(PS)	2015	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Soul(PS)	2015	General Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Variant Coding
Soul(PS)	2015	General Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Reference Point Calibration
Soul(PS)	2015	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Soul(PS)	2015	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Soul(PS)	2015	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Soul(PS)	2015	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Soul(PS)	2015	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Soul(PS)	2015	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Soul(PS)	2015	General Area	MDPS(Motor Driven Power Steering)	Special Function	Power Steering ECU
Soul(PS)	2015	General Area	MDPS(Motor Driven Power Steering)	Special Function	Power Steering Motor
Soul(PS)	2015	General Area	Smart Key	Version	

model	year	area	system	function	subfunction
Soul(PS)	2015	General Area	Smart Key	Read Fault Code	
Soul(PS)	2015	General Area	Smart Key	Clear Fault	
Soul(PS)	2015	General Area	Smart Key	Read Data	
Soul(PS)	2015	General Area	Smart Key	Actuation Test	SSB Illumination
Soul(PS)	2015	General Area	Smart Key	Actuation Test	SSB LED Amber
Soul(PS)	2015	General Area	Smart Key	Actuation Test	SSB LED Blue/Red
Soul(PS)	2015	General Area	Smart Key	Actuation Test	SSB LED White
Soul(PS)	2015	General Area	Smart Key Unit(Button)	Actuation Test	ESCL Enable(ESCL only)
Soul(PS)	2015	General Area	Smart Key Unit(Button)	Actuation Test	ESCL Ground Output
Soul(PS)	2015	General Area	Smart Key Unit(Button)	Actuation Test	ESCL Battery Output
Soul(PS)	2015	General Area	Smart Key	Actuation Test	ACC Relay
Soul(PS)	2015	General Area	Smart Key	Actuation Test	IGN1 Relay
Soul(PS)	2015	General Area	Smart Key	Actuation Test	IGN2 Relay
Soul(PS)	2015	General Area	Smart Key	Actuation Test	Starter Relay
Soul(PS)	2015	General Area	Smart Key	Actuation Test	External Buzzer
Soul(PS)	2015	General Area	Smart Key	Actuation Test	Key Out Indicator
Soul(PS)	2015	General Area	Smart Key Unit(Button)	Actuation Test	Immobilizer Indicator
Soul(PS)	2015	General Area	Smart Key Unit(Button)	Actuation Test	FOB Battery Indicator
Soul(PS)	2015	General Area	Smart Key	Actuation Test	SSB LED OFF
Soul(PS)	2015	General Area	Smart Key	Actuation Test	Interior Antenna
Soul(PS)	2015	General Area	Smart Key	Actuation Test	Interior Antenna
Soul(PS)	2015	General Area	Smart Key	Actuation Test	Trunk Antenna
Soul(PS)	2015	General Area	Smart Key	Actuation Test	Interior Antenna
Soul(PS)	2015	General Area	Smart Key Unit(Button)	Actuation Test	Bumper Antenna Active
Soul(PS)	2015	General Area	Smart Key Unit(Button)	Actuation Test	Activate Driver Side Antenna
Soul(PS)	2015	General Area	Smart Key Unit(Button)	Actuation Test	Activate Assist Side Antenna
Soul(PS)	2015	General Area	Smart Key Unit(Button)	Actuation Test	Immobilizer Antenna
Soul(PS)	2015	General Area	Smart Key Unit(Button)	Actuation Test	Activate Hat Shelf Antenna
Soul(PS)	2015	General Area	Smart Key Unit(Button)	Special Function	Smart Key Code Saving
Soul(PS)	2015	General Area	Smart Key Unit(Button)	Special Function	Neutralization Mode
Soul(PS)	2015	General Area	Smart Key Unit(Button)	Special Function	SMK Status Information
Soul(PS)	2015	General Area	Smart Key Unit(Button)	Special Function	ESCL Status Information

model	year	area	system	function	subfunction
Soul(PS)	2015	General Area	Smart Key Unit(Button)	Special Function	FOB KEY Status Information
Soul(PS)	2015	General Area	Smart Key Unit(Button)	Special Function	Current FOB Key Check
Soul(PS)	2015	General Area	Smart Key Unit(Button)	Special Function	ESCL Open Status Check
Soul(PS)	2015	General Area	Smart Key Unit(Button)	Special Function	ESCL Enable Output Check
Soul(PS)	2015	General Area	Smart Key Unit(Button)	Special Function	Serial Communication Line Check
Soul(PS)	2015	General Area	Smart Key Unit(Button)	Special Function	Antenna Status Check
Soul(PS)	2015	General Area	SPAS(Smart Parking Assist System)	Version Information	
Soul(PS)	2015	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Soul(PS)	2015	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Soul(PS)	2015	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Soul(PS)	2015	General Area	SPAS(Smart Parking Assist System)	Actuation Test	Speaker Activation
Soul(PS)	2015	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation
Soul(PS)	2015	General Area	SPAS(Smart Parking Assist System)	Special Function	SPAS Variant Coding
Soul(PS)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Soul(PS)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Soul(PS)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Soul(PS)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Soul(PS)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Soul(PS)	2015	General Area	TCM(Transmission Control Module)	Version Information	
Soul(PS)	2015	General Area	TCM(Transmission Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Soul(PS)	2015	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Soul(PS)	2015	General Area	TCM(Transmission Control Module)	Read Data Stream	
Soul(PS)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Soul(PS)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Soul(PS)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Soul(PS)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Soul(PS)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Soul(PS)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Soul(PS)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Soul(PS)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Soul(PS)	2015	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Soul(PS)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Soul(PS)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Soul(PS)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Soul(PS)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Soul(PS)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Soul(PS)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Soul(PS)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Soul(PS)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing

model	year	area	system	function	subfunction
Soul(PS)	2014	General Area	AC(Air Conditioning)	Version	
Soul(PS)	2014	General Area	AC(Air Conditioning)	Read Fault Code	
Soul(PS)	2014	General Area	AC(Air Conditioning)	Clear Fault	
Soul(PS)	2014	General Area	AC(Air Conditioning)	Read Data	
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open

model	year	area	system	function	subfunction
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%

model	year	area	system	function	subfunction
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Soul(PS)	2014	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Soul(PS)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Soul(PS)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Soul(PS)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Soul(PS)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Soul(PS)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Actuator 20%
Soul(PS)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Actuator 80%
Soul(PS)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Sensor Origin Point
Soul(PS)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Setting&Zero position Initial
Soul(PS)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Soul(PS)	2014	General Area	BCM(Body Control Module)	Version Information	
Soul(PS)	2014	General Area	BCM(Body Control Module)	Read Fault Code	
Soul(PS)	2014	General Area	BCM(Body Control Module)	Clear Fault Memory	
Soul(PS)	2014	General Area	BCM(Body Control Module)	Read Data Stream	
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)

model	year	area	system	function	subfunction
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output

model	year	area	system	function	subfunction
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay

model	year	area	system	function	subfunction
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output

model	year	area	system	function	subfunction
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Output
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Indicator
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output

model	year	area	system	function	subfunction
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Body Cut IPS
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt Indicator
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt Indicator
Soul(PS)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt Indicator
Soul(PS)	2014	General Area	BCM(Body Control Module)	Special Function	CLU Variant Coding
Soul(PS)	2014	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting

model	year	area	system	function	subfunction
Soul(PS)	2014	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Soul(PS)	2014	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Version Information	
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Read Fault Code	
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Read Data Stream	
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1

model	year	area	system	function	subfunction
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp

model	year	area	system	function	subfunction
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop

model	year	area	system	function	subfunction
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters

model	year	area	system	function	subfunction
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)

model	year	area	system	function	subfunction
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay(M/T Only)
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 5%
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 95%

model	year	area	system	function	subfunction
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 5%
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 95%
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Special Function	Essential Work After Component Replacement
Soul(PS)	2014	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Version Information	

model	year	area	system	function	subfunction
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Brake Lamp Control
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	IFL Control
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	OFL Control
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	IFR Control
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	IRL Control
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	ORL Control
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	IRR Control

model	year	area	system	function	subfunction
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	ORR Control
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS FR Valve Control
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS FL Valve Control
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV-R Control
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV-L Control
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	In-Line Bleeding
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Repair Bleeding-FL/RR Circuit
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Repair Bleeding-FR/RL Circuit
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	HAC Brake Lamp Actuator
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Lamp
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Soul(PS)	2014	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset
Soul(PS)	2014	General Area	IMMO(Immobilizer)	Read Fault Code	
Soul(PS)	2014	General Area	IMMO(Immobilizer)	Clear Fault	
Soul(PS)	2014	General Area	IMMO(Immobilizer)	Read Data	
Soul(PS)	2014	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Soul(PS)	2014	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Soul(PS)	2014	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Soul(PS)	2014	General Area	IMMO(Immobilizer)	Special Function	Teaching
Soul(PS)	2014	General Area	LDWS(Lane Departure Warning System)	Version Information	
Soul(PS)	2014	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Soul(PS)	2014	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Soul(PS)	2014	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Soul(PS)	2014	General Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Variant Coding

model	year	area	system	function	subfunction
Soul(PS)	2014	General Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Reference Point Calibration
Soul(PS)	2014	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Soul(PS)	2014	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Soul(PS)	2014	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Soul(PS)	2014	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Soul(PS)	2014	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Soul(PS)	2014	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Soul(PS)	2014	General Area	MDPS(Motor Driven Power Steering)	Special Function	Power Steering ECU
Soul(PS)	2014	General Area	MDPS(Motor Driven Power Steering)	Special Function	Power Steering Motor
Soul(PS)	2014	General Area	Smart Key	Version	
Soul(PS)	2014	General Area	Smart Key	Read Fault Code	
Soul(PS)	2014	General Area	Smart Key	Clear Fault	
Soul(PS)	2014	General Area	Smart Key	Read Data	
Soul(PS)	2014	General Area	Smart Key	Actuation Test	SSB Illumination
Soul(PS)	2014	General Area	Smart Key	Actuation Test	SSB LED Amber
Soul(PS)	2014	General Area	Smart Key	Actuation Test	SSB LED Blue/Red
Soul(PS)	2014	General Area	Smart Key	Actuation Test	SSB LED White
Soul(PS)	2014	General Area	Smart Key Unit(Button)	Actuation Test	ESCL Enable(ESCL only)
Soul(PS)	2014	General Area	Smart Key Unit(Button)	Actuation Test	ESCL Ground Output
Soul(PS)	2014	General Area	Smart Key Unit(Button)	Actuation Test	ESCL Battery Output
Soul(PS)	2014	General Area	Smart Key	Actuation Test	ACC Relay
Soul(PS)	2014	General Area	Smart Key	Actuation Test	IGN1 Relay
Soul(PS)	2014	General Area	Smart Key	Actuation Test	IGN2 Relay
Soul(PS)	2014	General Area	Smart Key	Actuation Test	Starter Relay
Soul(PS)	2014	General Area	Smart Key	Actuation Test	External Buzzer
Soul(PS)	2014	General Area	Smart Key	Actuation Test	Key Out Indicator
Soul(PS)	2014	General Area	Smart Key Unit(Button)	Actuation Test	Immobilizer Indicator
Soul(PS)	2014	General Area	Smart Key Unit(Button)	Actuation Test	FOB Battery Indicator
Soul(PS)	2014	General Area	Smart Key	Actuation Test	SSB LED OFF
Soul(PS)	2014	General Area	Smart Key	Actuation Test	Interior Antenna
Soul(PS)	2014	General Area	Smart Key	Actuation Test	Interior Antenna
Soul(PS)	2014	General Area	Smart Key	Actuation Test	Trunk Antenna

model	year	area	system	function	subfunction
Soul(PS)	2014	General Area	Smart Key	Actuation Test	Interior Antenna
Soul(PS)	2014	General Area	Smart Key Unit(Button)	Actuation Test	Bumper Antenna Active
Soul(PS)	2014	General Area	Smart Key Unit(Button)	Actuation Test	Activate Driver Side Antenna
Soul(PS)	2014	General Area	Smart Key Unit(Button)	Actuation Test	Activate Assist Side Antenna
Soul(PS)	2014	General Area	Smart Key Unit(Button)	Actuation Test	Immobilizer Antenna
Soul(PS)	2014	General Area	Smart Key Unit(Button)	Actuation Test	Activate Hat Shelf Antenna
Soul(PS)	2014	General Area	Smart Key Unit(Button)	Special Function	Smart Key Code Saving
Soul(PS)	2014	General Area	Smart Key Unit(Button)	Special Function	Neutralization Mode
Soul(PS)	2014	General Area	Smart Key Unit(Button)	Special Function	SMK Status Information
Soul(PS)	2014	General Area	Smart Key Unit(Button)	Special Function	ESCL Status Information
Soul(PS)	2014	General Area	Smart Key Unit(Button)	Special Function	FOB KEY Status Information
Soul(PS)	2014	General Area	Smart Key Unit(Button)	Special Function	Current FOB Key Check
Soul(PS)	2014	General Area	Smart Key Unit(Button)	Special Function	ESCL Open Status Check
Soul(PS)	2014	General Area	Smart Key Unit(Button)	Special Function	ESCL Enable Output Check
Soul(PS)	2014	General Area	Smart Key Unit(Button)	Special Function	Serial Communication Line Check
Soul(PS)	2014	General Area	Smart Key Unit(Button)	Special Function	Antenna Status Check
Soul(PS)	2014	General Area	SPAS(Smart Parking Assist System)	Version Information	
Soul(PS)	2014	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Soul(PS)	2014	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Soul(PS)	2014	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Soul(PS)	2014	General Area	SPAS(Smart Parking Assist System)	Actuation Test	Speaker Activation
Soul(PS)	2014	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation
Soul(PS)	2014	General Area	SPAS(Smart Parking Assist System)	Special Function	SPAS Variant Coding

model	year	area	system	function	subfunction
Soul(PS)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Soul(PS)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Soul(PS)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Soul(PS)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Soul(PS)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Soul(PS)	2014	General Area	TCM(Transmission Control Module)	Version Information	
Soul(PS)	2014	General Area	TCM(Transmission Control Module)	Read Fault Code	
Soul(PS)	2014	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Soul(PS)	2014	General Area	TCM(Transmission Control Module)	Read Data Stream	
Soul(PS)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Soul(PS)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Soul(PS)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Soul(PS)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Soul(PS)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Soul(PS)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Soul(PS)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'

model	year	area	system	function	subfunction
Soul(PS)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Soul(PS)	2014	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Soul(PS)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Soul(PS)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Soul(PS)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Soul(PS)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Soul(PS)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Soul(PS)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Soul(PS)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Soul(PS)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sportage(AL)	2004	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sportage(AL)	2004	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sportage(AL)	2004	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sportage(AL)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	MOTOR
Sportage(AL)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE(IN)
Sportage(AL)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE(IN)
Sportage(AL)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR VALVE(IN)
Sportage(AL)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE(OUT)
Sportage(AL)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE(OUT)
Sportage(AL)	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR VALVE(OUT)
Sportage(AL)	2004	General Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(AL)	2004	General Area	ECM(Engine Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Sportage(AL)	2004	General Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(AL)	2004	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.1
Sportage(AL)	2004	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.2
Sportage(AL)	2004	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.3
Sportage(AL)	2004	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.4
Sportage(AL)	2004	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED CONTROL ACTUATOR
Sportage(AL)	2004	General Area	ECM(Engine Control Module)	Actuation Test	EVAP.PURGE CONTORL SOLENOID
Sportage(AL)	2004	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(AL)	2004	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(AL)	2004	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(AL)	2003	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sportage(AL)	2003	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sportage(AL)	2003	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sportage(AL)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	MOTOR
Sportage(AL)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE(IN)
Sportage(AL)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE(IN)
Sportage(AL)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR VALVE(IN)
Sportage(AL)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE(OUT)
Sportage(AL)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE(OUT)
Sportage(AL)	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR VALVE(OUT)
Sportage(AL)	2003	General Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(AL)	2003	General Area	ECM(Engine Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Sportage(AL)	2003	General Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(AL)	2003	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.1
Sportage(AL)	2003	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.2
Sportage(AL)	2003	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.3
Sportage(AL)	2003	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.4
Sportage(AL)	2003	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED CONTROL ACTUATOR
Sportage(AL)	2003	General Area	ECM(Engine Control Module)	Actuation Test	EVAP.PURGE CONTORL SOLENOID
Sportage(AL)	2003	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(AL)	2003	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(AL)	2003	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(AL)	2002	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sportage(AL)	2002	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sportage(AL)	2002	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sportage(AL)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	MOTOR
Sportage(AL)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE(IN)
Sportage(AL)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE(IN)
Sportage(AL)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR VALVE(IN)
Sportage(AL)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE(OUT)
Sportage(AL)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE(OUT)
Sportage(AL)	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR VALVE(OUT)
Sportage(AL)	2002	General Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(AL)	2002	General Area	ECM(Engine Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Sportage(AL)	2002	General Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(AL)	2002	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.1
Sportage(AL)	2002	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.2
Sportage(AL)	2002	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.3
Sportage(AL)	2002	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.4
Sportage(AL)	2002	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED CONTROL ACTUATOR
Sportage(AL)	2002	General Area	ECM(Engine Control Module)	Actuation Test	EVAP.PURGE CONTORL SOLENOID
Sportage(AL)	2002	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(AL)	2002	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(AL)	2002	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(AL)	2001	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sportage(AL)	2001	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sportage(AL)	2001	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sportage(AL)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	MOTOR
Sportage(AL)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE(IN)
Sportage(AL)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE(IN)
Sportage(AL)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR VALVE(IN)
Sportage(AL)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE(OUT)
Sportage(AL)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE(OUT)
Sportage(AL)	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR VALVE(OUT)
Sportage(AL)	2001	General Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(AL)	2001	General Area	ECM(Engine Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Sportage(AL)	2001	General Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(AL)	2001	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.1
Sportage(AL)	2001	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.2
Sportage(AL)	2001	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.3
Sportage(AL)	2001	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.4
Sportage(AL)	2001	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED CONTROL ACTUATOR
Sportage(AL)	2001	General Area	ECM(Engine Control Module)	Actuation Test	EVAP.PURGE CONTORL SOLENOID
Sportage(AL)	2001	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(AL)	2001	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(AL)	2001	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(AL)	2000	General Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(AL)	2000	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(AL)	2000	General Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(AL)	2000	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.1
Sportage(AL)	2000	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.2
Sportage(AL)	2000	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.3
Sportage(AL)	2000	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.4
Sportage(AL)	2000	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED CONTROL ACTUATOR
Sportage(AL)	2000	General Area	ECM(Engine Control Module)	Actuation Test	EVAP.PURGE CONTORL SOLENOID
Sportage(AL)	2000	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(AL)	2000	General Area	TCM(Transmission Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Sportage(AL)	2000	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(AL)	1999	General Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(AL)	1999	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(AL)	1999	General Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(AL)	1999	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.1
Sportage(AL)	1999	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.2
Sportage(AL)	1999	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.3
Sportage(AL)	1999	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.4
Sportage(AL)	1999	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED CONTROL ACTUATOR
Sportage(AL)	1999	General Area	ECM(Engine Control Module)	Actuation Test	EVAP.PURGE CONTORL SOLENOID
Sportage(AL)	1999	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(AL)	1999	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(AL)	1999	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(AL)	1998	General Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(AL)	1998	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(AL)	1998	General Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(AL)	1998	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.1
Sportage(AL)	1998	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.2
Sportage(AL)	1998	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.3
Sportage(AL)	1998	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.4
Sportage(AL)	1998	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED CONTROL ACTUATOR

model	year	area	system	function	subfunction
Sportage(AL)	1998	General Area	ECM(Engine Control Module)	Actuation Test	EVAP.PURGE CONTORL SOLENOID
Sportage(AL)	1998	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(AL)	1998	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(AL)	1998	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(AL)	1997	General Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(AL)	1997	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(AL)	1997	General Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(AL)	1997	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.1
Sportage(AL)	1997	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.2
Sportage(AL)	1997	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.3
Sportage(AL)	1997	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.4
Sportage(AL)	1997	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED CONTROL ACTUATOR
Sportage(AL)	1997	General Area	ECM(Engine Control Module)	Actuation Test	EVAP.PURGE CONTORL SOLENOID
Sportage(AL)	1997	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(AL)	1997	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(AL)	1996	General Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(AL)	1996	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(AL)	1996	General Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(AL)	1996	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.1
Sportage(AL)	1996	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.2
Sportage(AL)	1996	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.3

model	year	area	system	function	subfunction
Sportage(AL)	1996	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.4
Sportage(AL)	1996	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED CONTROL ACTUATOR
Sportage(AL)	1996	General Area	ECM(Engine Control Module)	Actuation Test	EVAP.PURGE CONTORL SOLENOID
Sportage(AL)	1996	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(AL)	1996	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(AL)	1995	General Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(AL)	1995	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(AL)	1995	General Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(AL)	1995	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.1
Sportage(AL)	1995	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.2
Sportage(AL)	1995	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.3
Sportage(AL)	1995	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.4
Sportage(AL)	1995	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED CONTROL ACTUATOR
Sportage(AL)	1995	General Area	ECM(Engine Control Module)	Actuation Test	EVAP.PURGE CONTORL SOLENOID
Sportage(AL)	1995	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(AL)	1995	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(AL)	1994	General Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(AL)	1994	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(AL)	1994	General Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(AL)	1994	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.1
Sportage(AL)	1994	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.2

model	year	area	system	function	subfunction
Sportage(AL)	1994	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.3
Sportage(AL)	1994	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.4
Sportage(AL)	1994	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED CONTROL ACTUATOR
Sportage(AL)	1994	General Area	ECM(Engine Control Module)	Actuation Test	EVAP.PURGE CONTORL SOLENOID
Sportage(AL)	1994	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(AL)	1994	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(AL)	1993	General Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(AL)	1993	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(AL)	1993	General Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(AL)	1993	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.1
Sportage(AL)	1993	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.2
Sportage(AL)	1993	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.3
Sportage(AL)	1993	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYLINDER NO.4
Sportage(AL)	1993	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED CONTROL ACTUATOR
Sportage(AL)	1993	General Area	ECM(Engine Control Module)	Actuation Test	EVAP.PURGE CONTORL SOLENOID
Sportage(AL)	1993	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(AL)	1993	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(KM	2010	General Area	4WD Control	Version	
Sportage(KM	2010	General Area	4WD Control	Read Fault Code	
Sportage(KM	2010	General Area	4WD Control	Clear Fault	
Sportage(KM	2010	General Area	4WD Control	Read Data	
Sportage(KM	2010	General Area	AC(Air Conditioning)	Version	
Sportage(KM	2010	General Area	AC(Air Conditioning)	Read Fault Code	
Sportage(KM	2010	General Area	AC(Air Conditioning)	Clear Fault	
Sportage(KM	2010	General Area	AC(Air Conditioning)	Read Data	

model	year	area	system	function	subfunction
Sportage(KM	2010	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sportage(KM	2010	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sportage(KM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sportage(KM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sportage(KM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sportage(KM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sportage(KM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sportage(KM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sportage(KM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sportage(KM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sportage(KM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sportage(KM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sportage(KM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sportage(KM)	2010	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sportage(KM)	2010	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sportage(KM)	2010	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sportage(KM)	2010	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Version Information	
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)

model	year	area	system	function	subfunction
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3

model	year	area	system	function	subfunction
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,5
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#3,6
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Special Function	Ignition Test
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset

model	year	area	system	function	subfunction
Sportage(KM)	2010	General Area	ECM(Engine Control Module)	Special Function	PCSV Valve Test
Sportage(KM)	2010	General Area	ESP(Electronic Stability Program)	Version Information	
Sportage(KM)	2010	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Sportage(KM)	2010	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sportage(KM)	2010	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Sportage(KM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Sportage(KM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Sportage(KM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sportage(KM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sportage(KM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Sportage(KM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sportage(KM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Sportage(KM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sportage(KM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sportage(KM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Sportage(KM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Sportage(KM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	ASV Valve-Left Front
Sportage(KM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	ASV Valve-Right Front
Sportage(KM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Left
Sportage(KM)	2010	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Right
Sportage(KM)	2010	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sportage(KM	2010	General Area	ETACS	Version	
Sportage(KM	2010	General Area	ETACS	Read Data	
Sportage(KM	2010	General Area	ETACS	Actuation Test	Door Lock Relay
Sportage(KM	2010	General Area	ETACS	Actuation Test	Door Unlock

model	year	area	system	function	subfunction
Sportage(KM)	2010	General Area	ETACS	Actuation Test	Power Window Relay
Sportage(KM	2010	General Area	ETACS	Actuation Test	Wiper relay
Sportage(KM)	2010	General Area	ETACS	Actuation Test	Hazard Lamp Relay(+RK)
Sportage(KM	2010	General Area	ETACS	Actuation Test	Burglar horn relay
Sportage(KM	2010	General Area	ETACS	Actuation Test	Starter inhibit
Sportage(KM)	2010	General Area	ETACS	Actuation Test	Tail Lamp Relay/DRL Unit
Sportage(KM	2010	General Area	ETACS	Actuation Test	Rear Wiper Relay
Sportage(KM)	2010	General Area	ETACS	Actuation Test	Front Deicer&Rear
Sportage(KM)	2010	General Area	ETACS	Actuation Test	Driver seat belt indicator
Sportage(KM)	2010	General Area	ETACS	Actuation Test	Ignition key hole illumination(Manual Key Type)
Sportage(KM	2010	General Area	ETACS	Actuation Test	Chime buzzer
Sportage(KM	2010	General Area	ETACS	Actuation Test	Room Lamp
Sportage(KM	2010	General Area	IMMO(Immobilizer)	Read Fault Code	
Sportage(KM	2010	General Area	IMMO(Immobilizer)	Clear Fault	
Sportage(KM	2010	General Area	IMMO(Immobilizer)	Read Data	
Sportage(KM)	2010	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sportage(KM	2010	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sportage(KM	2010	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sportage(KM	2010	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sportage(KM)	2010	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sportage(KM)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sportage(KM)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sportage(KM)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sportage(KM)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sportage(KM)	2010	General Area	TCM(Transmission Control Module)	Version Information	
Sportage(KM)	2010	General Area	TCM(Transmission Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Sportage(KM)	2010	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(KM)	2010	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(KM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Low/Reverse Solenoid Valve
Sportage(KM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Under Drive Solenoid Valve
Sportage(KM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Sportage(KM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Sportage(KM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Sportage(KM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Sportage(KM)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Sportage(KM)	2010	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sportage(KM	2009	General Area	4WD Control	Version	
Sportage(KM	2009	General Area	4WD Control	Read Fault Code	
Sportage(KM	2009	General Area	4WD Control	Clear Fault	
Sportage(KM	2009	General Area	4WD Control	Read Data	
Sportage(KM)	2009	General Area	ABS(Anti-Lock Brake System)	Version Information	
Sportage(KM)	2009	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sportage(KM)	2009	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sportage(KM)	2009	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sportage(KM)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Sportage(KM)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sportage(KM)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sportage(KM)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sportage(KM)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sportage(KM)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sportage(KM)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front

model	year	area	system	function	subfunction
Sportage(KM)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sportage(KM)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sportage(KM)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Sportage(KM)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Sportage(KM)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
Sportage(KM)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
Sportage(KM)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
Sportage(KM)	2009	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
Sportage(KM)	2009	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sportage(KM	2009	General Area	AC(Air Conditioning)	Version	
Sportage(KM	2009	General Area	AC(Air Conditioning)	Read Fault Code	
Sportage(KM	2009	General Area	AC(Air Conditioning)	Clear Fault	
Sportage(KM	2009	General Area	AC(Air Conditioning)	Read Data	
Sportage(KM	2009	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sportage(KM	2009	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sportage(KM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sportage(KM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sportage(KM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sportage(KM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sportage(KM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sportage(KM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sportage(KM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sportage(KM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sportage(KM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sportage(KM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sportage(KM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh

model	year	area	system	function	subfunction
Sportage(KM)	2009	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sportage(KM)	2009	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sportage(KM)	2009	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sportage(KM)	2009	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Version Information	
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater

model	year	area	system	function	subfunction
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,5
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#3,6
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine

model	year	area	system	function	subfunction
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Special Function	Ignition Test
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sportage(KM)	2009	General Area	ECM(Engine Control Module)	Special Function	PCSV Valve Test
Sportage(KM)	2009	General Area	ESP(Electronic Stability Program)	Version Information	
Sportage(KM)	2009	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Sportage(KM)	2009	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sportage(KM)	2009	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Sportage(KM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Sportage(KM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Sportage(KM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sportage(KM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sportage(KM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Sportage(KM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sportage(KM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front

model	year	area	system	function	subfunction
Sportage(KM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sportage(KM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sportage(KM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Sportage(KM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Sportage(KM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	ASV Valve-Left Front
Sportage(KM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	ASV Valve-Right Front
Sportage(KM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Left
Sportage(KM)	2009	General Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Right
Sportage(KM)	2009	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sportage(KM	2009	General Area	ETACS	Version	
Sportage(KM	2009	General Area	ETACS	Read Data	
Sportage(KM	2009	General Area	ETACS	Actuation Test	Door Lock Relay
Sportage(KM	2009	General Area	ETACS	Actuation Test	Door Unlock
Sportage(KM)	2009	General Area	ETACS	Actuation Test	Power Window Relay
Sportage(KM	2009	General Area	ETACS	Actuation Test	Wiper relay
Sportage(KM)	2009	General Area	ETACS	Actuation Test	Hazard Lamp Relay(+RK)
Sportage(KM	2009	General Area	ETACS	Actuation Test	Burglar horn relay
Sportage(KM	2009	General Area	ETACS	Actuation Test	Starter inhibit
Sportage(KM)	2009	General Area	ETACS	Actuation Test	Tail Lamp Relay/DRL Unit
Sportage(KM	2009	General Area	ETACS	Actuation Test	Rear Wiper Relay
Sportage(KM)	2009	General Area	ETACS	Actuation Test	Front Deicer&Rear
Sportage(KM)	2009	General Area	ETACS	Actuation Test	Driver seat belt indicator
Sportage(KM)	2009	General Area	ETACS	Actuation Test	Ignition key hole illumination(Manual Key Type)
Sportage(KM	2009	General Area	ETACS	Actuation Test	Chime buzzer
Sportage(KM	2009	General Area	ETACS	Actuation Test	Room Lamp
Sportage(KM	2009	General Area	IMMO(Immobilizer)	Read Fault Code	
Sportage(KM	2009	General Area	IMMO(Immobilizer)	Clear Fault	
Sportage(KM	2009	General Area	IMMO(Immobilizer)	Read Data	
Sportage(KM)	2009	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin

model	year	area	system	function	subfunction
Sportage(KM	2009	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sportage(KM	2009	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sportage(KM	2009	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sportage(KM)	2009	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sportage(KM)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sportage(KM)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sportage(KM)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sportage(KM)	2009	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sportage(KM)	2009	General Area	TCM(Transmission Control Module)	Version Information	
Sportage(KM)	2009	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(KM)	2009	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(KM)	2009	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(KM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Low/Reverse Solenoid Valve
Sportage(KM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Under Drive Solenoid Valve
Sportage(KM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Sportage(KM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Sportage(KM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Sportage(KM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Sportage(KM)	2009	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Sportage(KM)	2009	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sportage(KM	2008	General Area	4WD Control	Version	
Sportage(KM	2008	General Area	4WD Control	Read Fault Code	
Sportage(KM	2008	General Area	4WD Control	Clear Fault	
Sportage(KM	2008	General Area	4WD Control	Read Data	

model	year	area	system	function	subfunction
Sportage(KM)	2008	General Area	ABS(Anti-Lock Brake System)	Version Information	
Sportage(KM)	2008	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sportage(KM)	2008	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sportage(KM)	2008	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sportage(KM)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Sportage(KM)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sportage(KM)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sportage(KM)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sportage(KM)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sportage(KM)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sportage(KM)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sportage(KM)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sportage(KM)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sportage(KM)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Sportage(KM)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Sportage(KM)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
Sportage(KM)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
Sportage(KM)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
Sportage(KM)	2008	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
Sportage(KM)	2008	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sportage(KM	2008	General Area	AC(Air Conditioning)	Version	
Sportage(KM	2008	General Area	AC(Air Conditioning)	Read Fault Code	
Sportage(KM	2008	General Area	AC(Air Conditioning)	Clear Fault	
Sportage(KM	2008	General Area	AC(Air Conditioning)	Read Data	
Sportage(KM	2008	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sportage(KM	2008	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off

model	year	area	system	function	subfunction
Sportage(KM)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sportage(KM)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sportage(KM)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sportage(KM)	2008	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sportage(KM)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sportage(KM)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sportage(KM)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sportage(KM)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sportage(KM)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sportage(KM)	2008	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sportage(KM)	2008	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sportage(KM)	2008	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sportage(KM)	2008	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sportage(KM)	2008	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sportage(KM)	2008	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Version Information	
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC

model	year	area	system	function	subfunction
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1

model	year	area	system	function	subfunction
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,5
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#3,6
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Special Function	Ignition Test
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sportage(KM)	2008	General Area	ECM(Engine Control Module)	Special Function	PCSV Valve Test

model	year	area	system	function	subfunction
Sportage(KM	2008	General Area	ETACS	Version	
Sportage(KM	2008	General Area	ETACS	Read Data	
Sportage(KM	2008	General Area	ETACS	Actuation Test	Door Lock Relay
Sportage(KM	2008	General Area	ETACS	Actuation Test	Door Unlock
Sportage(KM)	2008	General Area	ETACS	Actuation Test	Power Window Relay
Sportage(KM	2008	General Area	ETACS	Actuation Test	Wiper relay
Sportage(KM)	2008	General Area	ETACS	Actuation Test	Hazard Lamp Relay(+RK)
Sportage(KM	2008	General Area	ETACS	Actuation Test	Burglar horn relay
Sportage(KM	2008	General Area	ETACS	Actuation Test	Starter inhibit
Sportage(KM)	2008	General Area	ETACS	Actuation Test	Tail Lamp Relay/DRL Unit
Sportage(KM	2008	General Area	ETACS	Actuation Test	Rear Wiper Relay
Sportage(KM)	2008	General Area	ETACS	Actuation Test	Front Deicer&Rear
Sportage(KM)	2008	General Area	ETACS	Actuation Test	Driver seat belt indicator
Sportage(KM)	2008	General Area	ETACS	Actuation Test	Ignition key hole illumination(Manual Key Type)
Sportage(KM	2008	General Area	ETACS	Actuation Test	Chime buzzer
Sportage(KM	2008	General Area	ETACS	Actuation Test	Room Lamp
Sportage(KM	2008	General Area	IMMO(Immobilizer)	Read Fault Code	
Sportage(KM	2008	General Area	IMMO(Immobilizer)	Clear Fault	
Sportage(KM	2008	General Area	IMMO(Immobilizer)	Read Data	
Sportage(KM)	2008	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sportage(KM	2008	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sportage(KM	2008	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sportage(KM	2008	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sportage(KM)	2008	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sportage(KM)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sportage(KM)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sportage(KM)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sportage(KM)	2008	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	

model	year	area	system	function	subfunction
Sportage(KM)	2008	General Area	TCM(Transmission Control Module)	Version Information	
Sportage(KM)	2008	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(KM)	2008	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(KM)	2008	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(KM)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Low/Reverse Solenoid Valve
Sportage(KM)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Under Drive Solenoid Valve
Sportage(KM)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Sportage(KM)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Sportage(KM)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Sportage(KM)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Sportage(KM)	2008	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Sportage(KM)	2008	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sportage(KM	2007	General Area	4WD Control	Version	
Sportage(KM	2007	General Area	4WD Control	Read Fault Code	
Sportage(KM	2007	General Area	4WD Control	Clear Fault	
Sportage(KM	2007	General Area	4WD Control	Read Data	
Sportage(KM)	2007	General Area	ABS(Anti-Lock Brake System)	Version Information	
Sportage(KM)	2007	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sportage(KM)	2007	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sportage(KM)	2007	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sportage(KM)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Sportage(KM)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sportage(KM)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sportage(KM)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sportage(KM)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear

model	year	area	system	function	subfunction
Sportage(KM)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sportage(KM)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sportage(KM)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sportage(KM)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sportage(KM)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Sportage(KM)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Sportage(KM)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
Sportage(KM)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
Sportage(KM)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
Sportage(KM)	2007	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
Sportage(KM)	2007	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sportage(KM	2007	General Area	AC(Air Conditioning)	Version	
Sportage(KM	2007	General Area	AC(Air Conditioning)	Read Fault Code	
Sportage(KM	2007	General Area	AC(Air Conditioning)	Clear Fault	
Sportage(KM	2007	General Area	AC(Air Conditioning)	Read Data	
Sportage(KM	2007	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sportage(KM	2007	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sportage(KM)	2007	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sportage(KM)	2007	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sportage(KM)	2007	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sportage(KM)	2007	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sportage(KM)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sportage(KM)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sportage(KM)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sportage(KM)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sportage(KM)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor

model	year	area	system	function	subfunction
Sportage(KM)	2007	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sportage(KM)	2007	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sportage(KM)	2007	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sportage(KM)	2007	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sportage(KM)	2007	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sportage(KM)	2007	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Version Information	
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)

model	year	area	system	function	subfunction
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,5
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#3,6
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve

model	year	area	system	function	subfunction
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Special Function	Ignition Test
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sportage(KM)	2007	General Area	ECM(Engine Control Module)	Special Function	PCSV Valve Test
Sportage(KM	2007	General Area	ETACS	Version	
Sportage(KM	2007	General Area	ETACS	Read Data	
Sportage(KM	2007	General Area	ETACS	Actuation Test	Door Lock Relay
Sportage(KM	2007	General Area	ETACS	Actuation Test	Door Unlock
Sportage(KM)	2007	General Area	ETACS	Actuation Test	Power Window Relay
Sportage(KM	2007	General Area	ETACS	Actuation Test	Wiper relay
Sportage(KM)	2007	General Area	ETACS	Actuation Test	Hazard Lamp Relay(+RK)
Sportage(KM	2007	General Area	ETACS	Actuation Test	Burglar horn relay
Sportage(KM	2007	General Area	ETACS	Actuation Test	Starter inhibit
Sportage(KM)	2007	General Area	ETACS	Actuation Test	Tail Lamp Relay/DRL Unit
Sportage(KM	2007	General Area	ETACS	Actuation Test	Rear Wiper Relay
Sportage(KM)	2007	General Area	ETACS	Actuation Test	Front Deicer&Rear
Sportage(KM)	2007	General Area	ETACS	Actuation Test	Driver seat belt indicator
Sportage(KM)	2007	General Area	ETACS	Actuation Test	Ignition key hole illumination(Manual Key Type)
Sportage(KM	2007	General Area	ETACS	Actuation Test	Chime buzzer
Sportage(KM	2007	General Area	ETACS	Actuation Test	Room Lamp

model	year	area	system	function	subfunction
Sportage(KM	2007	General Area	IMMO(Immobilizer)	Read Fault Code	
Sportage(KM	2007	General Area	IMMO(Immobilizer)	Clear Fault	
Sportage(KM	2007	General Area	IMMO(Immobilizer)	Read Data	
Sportage(KM)	2007	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sportage(KM	2007	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sportage(KM	2007	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sportage(KM	2007	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sportage(KM)	2007	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sportage(KM)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sportage(KM)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sportage(KM)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sportage(KM)	2007	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sportage(KM)	2007	General Area	TCM(Transmission Control Module)	Version Information	
Sportage(KM)	2007	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(KM)	2007	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(KM)	2007	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(KM)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Low/Reverse Solenoid Valve
Sportage(KM)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Under Drive Solenoid Valve
Sportage(KM)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Sportage(KM)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Sportage(KM)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Sportage(KM)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Sportage(KM)	2007	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Sportage(KM)	2007	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values

model	year	area	system	function	subfunction
Sportage(KM	2006	General Area	4WD Control	Version	
Sportage(KM	2006	General Area	4WD Control	Read Fault Code	
Sportage(KM	2006	General Area	4WD Control	Clear Fault	
Sportage(KM	2006	General Area	4WD Control	Read Data	
Sportage(KM)	2006	General Area	ABS(Anti-Lock Brake System)	Version Information	
Sportage(KM)	2006	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sportage(KM)	2006	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sportage(KM)	2006	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sportage(KM)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Sportage(KM)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sportage(KM)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sportage(KM)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sportage(KM)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sportage(KM)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sportage(KM)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sportage(KM)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sportage(KM)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sportage(KM)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Sportage(KM)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Sportage(KM)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
Sportage(KM)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
Sportage(KM)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
Sportage(KM)	2006	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
Sportage(KM)	2006	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sportage(KM	2006	General Area	AC(Air Conditioning)	Version	
Sportage(KM	2006	General Area	AC(Air Conditioning)	Read Fault Code	

model	year	area	system	function	subfunction
Sportage(KM	2006	General Area	AC(Air Conditioning)	Clear Fault	
Sportage(KM	2006	General Area	AC(Air Conditioning)	Read Data	
Sportage(KM	2006	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sportage(KM	2006	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sportage(KM)	2006	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sportage(KM)	2006	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sportage(KM)	2006	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sportage(KM)	2006	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sportage(KM)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sportage(KM)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sportage(KM)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sportage(KM)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sportage(KM)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sportage(KM)	2006	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sportage(KM)	2006	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sportage(KM)	2006	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sportage(KM)	2006	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sportage(KM)	2006	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sportage(KM)	2006	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Version Information	
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay

model	year	area	system	function	subfunction
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Pump)
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve(Rail)
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Purge Control Solenoid Valve
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Valve
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4

model	year	area	system	function	subfunction
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,5
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#3,6
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Special Function	Ignition Test
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Sportage(KM)	2006	General Area	ECM(Engine Control Module)	Special Function	PCSV Valve Test
Sportage(KM	2006	General Area	ETACS	Version	
Sportage(KM	2006	General Area	ETACS	Read Data	
Sportage(KM	2006	General Area	ETACS	Actuation Test	Door Lock Relay
Sportage(KM	2006	General Area	ETACS	Actuation Test	Door Unlock
Sportage(KM)	2006	General Area	ETACS	Actuation Test	Power Window Relay

model	year	area	system	function	subfunction
Sportage(KM	2006	General Area	ETACS	Actuation Test	Wiper relay
Sportage(KM)	2006	General Area	ETACS	Actuation Test	Hazard Lamp Relay(+RK)
Sportage(KM	2006	General Area	ETACS	Actuation Test	Burglar horn relay
Sportage(KM	2006	General Area	ETACS	Actuation Test	Starter inhibit
Sportage(KM)	2006	General Area	ETACS	Actuation Test	Tail Lamp Relay/DRL Unit
Sportage(KM	2006	General Area	ETACS	Actuation Test	Rear Wiper Relay
Sportage(KM)	2006	General Area	ETACS	Actuation Test	Front Deicer&Rear
Sportage(KM)	2006	General Area	ETACS	Actuation Test	Driver seat belt indicator
Sportage(KM)	2006	General Area	ETACS	Actuation Test	Ignition key hole illumination(Manual Key Type)
Sportage(KM	2006	General Area	ETACS	Actuation Test	Chime buzzer
Sportage(KM	2006	General Area	ETACS	Actuation Test	Room Lamp
Sportage(KM	2006	General Area	IMMO(Immobilizer)	Read Fault Code	
Sportage(KM	2006	General Area	IMMO(Immobilizer)	Clear Fault	
Sportage(KM	2006	General Area	IMMO(Immobilizer)	Read Data	
Sportage(KM)	2006	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sportage(KM	2006	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sportage(KM	2006	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sportage(KM	2006	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sportage(KM)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sportage(KM)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sportage(KM)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sportage(KM)	2006	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sportage(KM)	2006	General Area	TCM(Transmission Control Module)	Version Information	
Sportage(KM)	2006	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(KM)	2006	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(KM)	2006	General Area	TCM(Transmission Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Sportage(KM)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Sportage(KM)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sportage(KM)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sportage(KM)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sportage(KM)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Sportage(KM)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Sportage(KM)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Sportage(KM)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Low/Reverse Solenoid Valve
Sportage(KM)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Under Drive Solenoid Valve
Sportage(KM)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Sportage(KM)	2006	General Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Sportage(KM)	2006	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sportage(KM	2005	General Area	4WD Control	Version	
Sportage(KM	2005	General Area	4WD Control	Read Fault Code	
Sportage(KM	2005	General Area	4WD Control	Clear Fault	
Sportage(KM)	2005	General Area	ABS(Anti-Lock Brake System)	Version Information	
Sportage(KM)	2005	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sportage(KM)	2005	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sportage(KM)	2005	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sportage(KM)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Sportage(KM)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sportage(KM)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sportage(KM)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sportage(KM)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear

model	year	area	system	function	subfunction
Sportage(KM)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sportage(KM)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sportage(KM)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sportage(KM)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sportage(KM)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Sportage(KM)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Sportage(KM)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
Sportage(KM)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
Sportage(KM)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
Sportage(KM)	2005	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
Sportage(KM)	2005	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sportage(KM	2005	General Area	AC(Air Conditioning)	Version	
Sportage(KM	2005	General Area	AC(Air Conditioning)	Read Fault Code	
Sportage(KM	2005	General Area	AC(Air Conditioning)	Clear Fault	
Sportage(KM	2005	General Area	AC(Air Conditioning)	Read Data	
Sportage(KM	2005	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sportage(KM	2005	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sportage(KM)	2005	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sportage(KM)	2005	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sportage(KM)	2005	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sportage(KM)	2005	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sportage(KM)	2005	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sportage(KM)	2005	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sportage(KM)	2005	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sportage(KM)	2005	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sportage(KM)	2005	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor

model	year	area	system	function	subfunction
Sportage(KM)	2005	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sportage(KM)	2005	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sportage(KM)	2005	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sportage(KM)	2005	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sportage(KM)	2005	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sportage(KM)	2005	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Version Information	
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Glow Indicator Lamp
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater Relay/PTC
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Regulator Valve
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1

model	year	area	system	function	subfunction
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Purge Control Solenoid Valve
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Valve
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,5
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#3,6
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Special Function	AT/MT Recognition
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values

model	year	area	system	function	subfunction
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Special Function	Ignition Test
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Sportage(KM)	2005	General Area	ECM(Engine Control Module)	Special Function	PCSV Valve Test
Sportage(KM	2005	General Area	ETACS	Version	
Sportage(KM	2005	General Area	ETACS	Read Data	
Sportage(KM	2005	General Area	ETACS	Actuation Test	Door Lock Relay
Sportage(KM	2005	General Area	ETACS	Actuation Test	Door Unlock
Sportage(KM)	2005	General Area	ETACS	Actuation Test	Power Window Relay
Sportage(KM	2005	General Area	ETACS	Actuation Test	Wiper relay
Sportage(KM)	2005	General Area	ETACS	Actuation Test	Hazard Lamp Relay(+RK)
Sportage(KM	2005	General Area	ETACS	Actuation Test	Burglar horn relay
Sportage(KM	2005	General Area	ETACS	Actuation Test	Starter inhibit
Sportage(KM)	2005	General Area	ETACS	Actuation Test	Tail Lamp Relay/DRL Unit
Sportage(KM	2005	General Area	ETACS	Actuation Test	Rear Wiper Relay
Sportage(KM)	2005	General Area	ETACS	Actuation Test	Front Deicer&Rear
Sportage(KM)	2005	General Area	ETACS	Actuation Test	Driver seat belt indicator
Sportage(KM)	2005	General Area	ETACS	Actuation Test	Ignition key hole illumination(Manual Key Type)
Sportage(KM	2005	General Area	ETACS	Actuation Test	Chime buzzer
Sportage(KM	2005	General Area	ETACS	Actuation Test	Room Lamp
Sportage(KM	2005	General Area	IMMO(Immobilizer)	Read Fault Code	
Sportage(KM	2005	General Area	IMMO(Immobilizer)	Clear Fault	
Sportage(KM	2005	General Area	IMMO(Immobilizer)	Read Data	
Sportage(KM)	2005	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sportage(KM	2005	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sportage(KM	2005	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sportage(KM	2005	General Area	IMMO(Immobilizer)	Special Function	Teaching

model	year	area	system	function	subfunction
Sportage(KM)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sportage(KM)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sportage(KM)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sportage(KM)	2005	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sportage(KM)	2005	General Area	TCM(Transmission Control Module)	Version Information	
Sportage(KM)	2005	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(KM)	2005	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(KM)	2005	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(KM)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Low/Reverse Solenoid Valve
Sportage(KM)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Under Drive Solenoid Valve
Sportage(KM)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Sportage(KM)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Sportage(KM)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Sportage(KM)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Sportage(KM)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Sportage(KM)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Sportage(KM)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sportage(KM)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sportage(KM)	2005	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sportage(KM)	2005	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sportage(QL)	2017	General Area	ABS(Anti-Lock Brake System)	Version Information	

model	year	area	system	function	subfunction
Sportage(QL)	2017	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sportage(QL)	2017	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sportage(QL)	2017	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sportage(QL)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Sportage(QL)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sportage(QL)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sportage(QL)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sportage(QL)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sportage(QL)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sportage(QL)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sportage(QL)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sportage(QL)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sportage(QL)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Sportage(QL)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Sportage(QL)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Sportage(QL)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Sportage(QL)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Sportage(QL)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Sportage(QL)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Sportage(QL)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Version	
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Read Fault Code	
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Clear Fault	
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Read Data	

model	year	area	system	function	subfunction
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-VENT
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-FLOOR
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-DEF.
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Intake Door-Fresh
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Intake Door-
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-Off
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-1Step
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-2Step
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-3Step
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-4Step
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-5Step
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-6Step
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-7Step
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-8Step
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Close
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Vent
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Floor

model	year	area	system	function	subfunction
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defog
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Console Temperature Air Mix Door 0%
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Console Temperature Air Mix Door 50%
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Console Temperature Air Mix Door 100%
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Console Mode Door-Vent
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Console Mode Door-BI-Level
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Console Mode Door-Floor
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Console On Door
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Console Off Door
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Front Air Flow Door-0%
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Front Air Flow Door-50%
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Front Air Flow Door-100%
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Flow Door-0%
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Flow Door-50%
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Flow Door-100%
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Driver B-PILLAR Door-0%
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Driver B-PILLAR Door-
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Passenger B-PILLAR Door-0%
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Passenger B-PILLAR Door-
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-Off
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-1Step
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-2Step

model	year	area	system	function	subfunction
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-3Step
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-4Step
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-5Step
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-6Step
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-7Step
Sportage(QL)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-8Step
Sportage(QL)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Sportage(QL)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Sportage(QL)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Sportage(QL)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Sportage(QL)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Actuator 20%
Sportage(QL)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Actuator 80%
Sportage(QL)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Sensor Origin Point
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Version Information	
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Read Fault Code	
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Clear Fault Memory	
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Read Data Stream	
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)

model	year	area	system	function	subfunction
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output

model	year	area	system	function	subfunction
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay(with Safety P/WDW Enable)
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable

model	year	area	system	function	subfunction
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator(Option)
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator(Option)
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output

model	year	area	system	function	subfunction
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination(Manual Key Type)
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Output
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Indicator
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay

model	year	area	system	function	subfunction
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Map Lamp Output
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Alt'L Signal Out
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Lamp
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Front Washer Motor Output
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Washer Motor Output
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	3Lh SBR Left Indicator
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	3Rh SBR Center Indicator
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Safety ECU Enable
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Heated Washer Nozzle Output
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Defogger Indicator
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Front Heated Glass Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	EMS Wakeup Output
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Fuel Door Open Solenoid Output
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Mood Lamp 1 Output
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Mood Lamp 2 Output
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Mood Lamp 3 Output
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Mirror Position Horizontal Output
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Mirror Position Vertical Output
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Signal
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Wiper Power Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON

model	year	area	system	function	subfunction
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Parasitic Current Auto-Block IPS
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt Indicator
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt Indicator

model	year	area	system	function	subfunction
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt Indicator
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left/Right
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Right
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	High Mounted Stop Lamp
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	RL Door Lock Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	RL Door Unlock Relay
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Up
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Down
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Left
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Right
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window DOWN
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window UP
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window DOWN
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LOCK
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Courtesy Lamp
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Power Window UP
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Power Window DOWN
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window UP
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Charging Status LED(Yellow)On
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Actuation Test	Charging Status LED(Green)On
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Special Function	CLU Variant Coding
Sportage(QL)	2017	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting

model	year	area	system	function	subfunction
Sportage(QL)	2017	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sportage(QL)	2017	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sportage(QL)	2017	General Area	Driveshaft	Version	
Sportage(QL)	2017	General Area	Driveshaft	Read Fault Code	
Sportage(QL)	2017	General Area	Driveshaft	Clear Fault	
Sportage(QL)	2017	General Area	Driveshaft	Read Data	
Sportage(QL)	2017	General Area	Driveshaft	Actuation Test	Torque Coupling Control
Sportage(QL)	2017	General Area	Driveshaft	Actuation Test	AWD/LOCK Mode Select
Sportage(QL)	2017	General Area	Driveshaft	Actuation Test	4WD Lamp
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Version Information	
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High

model	year	area	system	function	subfunction
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)

model	year	area	system	function	subfunction
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Electrically Controlled Water Pump
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Nu LPI Option)
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Theta LPI Option)
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Electrical Water Heater
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	PTC Relay
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Main Water Pump
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector #1 Actuation
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector #2 Actuation
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector #3 Actuation
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector #4 Actuation
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Relay
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	GRU(Glow Relay Unit)15%Duty

model	year	area	system	function	subfunction
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 10%
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 90%
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 10%
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 90%
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 10%
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 90%
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 5%
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 95%
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed PWM Output
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 5%
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 95%
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 5%
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 95%
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 5%
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 95%
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control Actuator(2000
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Special Function	Read VIN

model	year	area	system	function	subfunction
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Special Function	Resetting E-CVVT Values
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Sportage(QL)	2017	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sportage(QL)	2017	General Area	IMMO(Immobilizer)	Read Fault Code	
Sportage(QL)	2017	General Area	IMMO(Immobilizer)	Clear Fault	
Sportage(QL)	2017	General Area	IMMO(Immobilizer)	Read Data	
Sportage(QL)	2017	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sportage(QL)	2017	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sportage(QL)	2017	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sportage(QL)	2017	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sportage(QL)	2017	General Area	LDWS(Lane Departure Warning System)	Version Information	
Sportage(QL)	2017	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Sportage(QL)	2017	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Sportage(QL)	2017	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Sportage(QL)	2017	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Left Mirror LED ON
Sportage(QL)	2017	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Left Mirror LED Blinking
Sportage(QL)	2017	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Right Mirror LED ON
Sportage(QL)	2017	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Right Mirror LED Blinking
Sportage(QL)	2017	General Area	LDWS(Lane Departure Warning System)	Actuation Test	BSD Switch LED ON/OFF
Sportage(QL)	2017	General Area	MDPS(Motor Driven Power Steering)	Version Information	

model	year	area	system	function	subfunction
Sportage(QL)	2017	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Sportage(QL)	2017	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Sportage(QL)	2017	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Sportage(QL)	2017	General Area	PGS(Parking Guide System)	Version Information	
Sportage(QL)	2017	General Area	PGS(Parking Guide System)	Read Fault Code	
Sportage(QL)	2017	General Area	PGS(Parking Guide System)	Clear Fault Memory	
Sportage(QL)	2017	General Area	PGS(Parking Guide System)	Read Data Stream	
Sportage(QL)	2017	General Area	Smart Key Unit	Version	
Sportage(QL)	2017	General Area	Smart Key Unit	Read Fault Code	
Sportage(QL)	2017	General Area	Smart Key Unit	Clear Fault	
Sportage(QL)	2017	General Area	Smart Key Unit	Read Data	
Sportage(QL)	2017	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Sportage(QL)	2017	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Sportage(QL)	2017	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Sportage(QL)	2017	General Area	Smart Key Unit	Actuation Test	SSB LED White
Sportage(QL)	2017	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Sportage(QL)	2017	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Sportage(QL)	2017	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Sportage(QL)	2017	General Area	Smart Key Unit	Actuation Test	ACC Relay
Sportage(QL)	2017	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Sportage(QL)	2017	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Sportage(QL)	2017	General Area	Smart Key Unit	Actuation Test	Starter Relay
Sportage(QL)	2017	General Area	Smart Key Unit	Actuation Test	External Buzzer
Sportage(QL)	2017	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Sportage(QL)	2017	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Sportage(QL)	2017	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Sportage(QL)	2017	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Sportage(QL)	2017	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(QL)	2017	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(QL)	2017	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Sportage(QL)	2017	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(QL)	2017	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active

model	year	area	system	function	subfunction
Sportage(QL)	2017	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Sportage(QL)	2017	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Sportage(QL)	2017	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Sportage(QL)	2017	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Sportage(QL)	2017	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Sportage(QL)	2017	General Area	Smart Key Unit	Special Function	Neutralization Mode
Sportage(QL)	2017	General Area	Smart Key Unit	Special Function	SMK Status Information
Sportage(QL)	2017	General Area	Smart Key Unit	Special Function	ESCL Status Information
Sportage(QL)	2017	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Sportage(QL)	2017	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Sportage(QL)	2017	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Sportage(QL)	2017	General Area	Smart Key Unit	Special Function	ESCL Enable Output Check
Sportage(QL)	2017	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Sportage(QL)	2017	General Area	Smart Key Unit	Special Function	Antenna Status Check
Sportage(QL)	2017	General Area	SPAS(Smart Parking Assist System)	Version Information	
Sportage(QL)	2017	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Sportage(QL)	2017	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Sportage(QL)	2017	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Sportage(QL)	2017	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sportage(QL)	2017	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sportage(QL)	2017	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Sportage(QL)	2017	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sportage(QL)	2017	General Area	TCM(Transmission Control Module)	Version Information	
Sportage(QL)	2017	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(QL)	2017	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(QL)	2017	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(QL)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sportage(QL)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sportage(QL)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sportage(QL)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sportage(QL)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sportage(QL)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sportage(QL)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sportage(QL)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sportage(QL)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	1st Gear Lamp
Sportage(QL)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear Lamp
Sportage(QL)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear Lamp
Sportage(QL)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	4th Gear Lamp
Sportage(QL)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	5th Gear Lamp

model	year	area	system	function	subfunction
Sportage(QL)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	6th Gear Lamp
Sportage(QL)	2017	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sportage(QL)	2017	General Area	Telematics Unit	Version	
Sportage(QL)	2017	General Area	Telematics Unit	Read Fault Code	
Sportage(QL)	2017	General Area	Telematics Unit	Clear Fault	
Sportage(QL)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sportage(QL)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sportage(QL)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sportage(QL)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sportage(QL)	2016	General Area	ABS(Anti-Lock Brake System)	Version Information	
Sportage(QL)	2016	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sportage(QL)	2016	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sportage(QL)	2016	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sportage(QL)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Sportage(QL)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sportage(QL)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sportage(QL)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sportage(QL)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sportage(QL)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sportage(QL)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sportage(QL)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sportage(QL)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sportage(QL)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Sportage(QL)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front

model	year	area	system	function	subfunction
Sportage(QL)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Sportage(QL)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Sportage(QL)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Sportage(QL)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Sportage(QL)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Sportage(QL)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Version	
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Read Fault Code	
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Clear Fault	
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Read Data	
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-VENT
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-FLOOR
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-DEF.
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Intake Door-Fresh
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Intake Door-
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-Off
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-1Step
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-2Step
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-3Step

model	year	area	system	function	subfunction
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-4Step
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-5Step
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-6Step
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-7Step
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-8Step
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Close
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Vent
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Floor
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defog
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Temperature Air Mix Door 0%
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Temperature Air Mix Door 50%
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Temperature Air Mix Door 100%
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Mode Door-Vent
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Mode Door-BI-Level
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Mode Door-Floor
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console On Door
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Off Door
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Air Flow Door-0%
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Air Flow Door-50%
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Air Flow Door-100%
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Flow Door-0%

model	year	area	system	function	subfunction
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Flow Door-50%
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Flow Door-100%
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Driver B-PILLAR Door-0%
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Driver B-PILLAR Door-
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Passenger B-PILLAR Door-0%
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Passenger B-PILLAR Door-
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-Off
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-1Step
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-2Step
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-3Step
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-4Step
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-5Step
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-6Step
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-7Step
Sportage(QL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-8Step
Sportage(QL)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Sportage(QL)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Sportage(QL)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Sportage(QL)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Sportage(QL)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Actuator 20%
Sportage(QL)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Actuator 80%
Sportage(QL)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Sensor Origin Point
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Version Information	

model	year	area	system	function	subfunction
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Read Fault Code	
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Clear Fault Memory	
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Read Data Stream	
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output

model	year	area	system	function	subfunction
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid

model	year	area	system	function	subfunction
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay(with Safety P/WDW Enable)
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator(Option)
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator(Option)
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer

model	year	area	system	function	subfunction
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator

model	year	area	system	function	subfunction
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination(Manual Key Type)
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Output
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Indicator
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Map Lamp Output
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Alt'L Signal Out
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Lamp
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Washer Motor Output
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Washer Motor Output
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	3Lh SBR Left Indicator
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	3Rh SBR Center Indicator
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Safety ECU Enable
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Heated Washer Nozzle Output
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Defogger Indicator
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Heated Glass Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	EMS Wakeup Output
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Fuel Door Open Solenoid Output
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mood Lamp 1 Output

model	year	area	system	function	subfunction
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mood Lamp 2 Output
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mood Lamp 3 Output
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Position Horizontal Output
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Position Vertical Output
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Signal
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Power Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp

model	year	area	system	function	subfunction
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Parasitic Current Auto-Block IPS
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt Indicator
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt Indicator
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt Indicator
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left/Right
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Right
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	High Mounted Stop Lamp
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	RL Door Lock Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	RL Door Unlock Relay
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Up
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Down
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Left
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Right
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window DOWN
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window UP
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window DOWN
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LOCK
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Courtesy Lamp

model	year	area	system	function	subfunction
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Power Window UP
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Power Window DOWN
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window UP
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Charging Status LED(Yellow)On
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Charging Status LED(Green)On
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Special Function	CLU Variant Coding
Sportage(QL)	2016	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting
Sportage(QL)	2016	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sportage(QL)	2016	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sportage(QL)	2016	General Area	Driveshaft	Version	
Sportage(QL)	2016	General Area	Driveshaft	Read Fault Code	
Sportage(QL)	2016	General Area	Driveshaft	Clear Fault	
Sportage(QL)	2016	General Area	Driveshaft	Read Data	
Sportage(QL)	2016	General Area	Driveshaft	Actuation Test	Torque Coupling Control
Sportage(QL)	2016	General Area	Driveshaft	Actuation Test	AWD/LOCK Mode Select
Sportage(QL)	2016	General Area	Driveshaft	Actuation Test	4WD Lamp
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Version Information	
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control

model	year	area	system	function	subfunction
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor

model	year	area	system	function	subfunction
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Electrically Controlled Water Pump
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Nu LPI Option)
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Theta LPI Option)
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Electrical Water Heater
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PTC Relay
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp

model	year	area	system	function	subfunction
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Main Water Pump
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #1 Actuation
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #2 Actuation
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #3 Actuation
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #4 Actuation
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Relay
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GRU(Glow Relay Unit)15%Duty
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 10%
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 90%
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 10%
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 90%
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 10%
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 90%
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 5%
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 95%
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed PWM Output
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 5%
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 95%
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 5%

model	year	area	system	function	subfunction
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 95%
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 5%
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 95%
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control Actuator(2000
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Special Function	Resetting E-CVVT Values
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Sportage(QL)	2016	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sportage(QL)	2016	General Area	IMMO(Immobilizer)	Read Fault Code	
Sportage(QL)	2016	General Area	IMMO(Immobilizer)	Clear Fault	
Sportage(QL)	2016	General Area	IMMO(Immobilizer)	Read Data	
Sportage(QL)	2016	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sportage(QL)	2016	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sportage(QL)	2016	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sportage(QL)	2016	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sportage(QL)	2016	General Area	LDWS(Lane Departure Warning System)	Version Information	
Sportage(QL)	2016	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Sportage(QL)	2016	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Sportage(QL)	2016	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	

model	year	area	system	function	subfunction
Sportage(QL)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Left Mirror LED ON
Sportage(QL)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Left Mirror LED Blinking
Sportage(QL)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Right Mirror LED ON
Sportage(QL)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Right Mirror LED Blinking
Sportage(QL)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	BSD Switch LED ON/OFF
Sportage(QL)	2016	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Sportage(QL)	2016	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Sportage(QL)	2016	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Sportage(QL)	2016	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Sportage(QL)	2016	General Area	PGS(Parking Guide System)	Version Information	
Sportage(QL)	2016	General Area	PGS(Parking Guide System)	Read Fault Code	
Sportage(QL)	2016	General Area	PGS(Parking Guide System)	Clear Fault Memory	
Sportage(QL)	2016	General Area	PGS(Parking Guide System)	Read Data Stream	
Sportage(QL)	2016	General Area	Smart Key Unit	Version	
Sportage(QL)	2016	General Area	Smart Key Unit	Read Fault Code	
Sportage(QL)	2016	General Area	Smart Key Unit	Clear Fault	
Sportage(QL)	2016	General Area	Smart Key Unit	Read Data	
Sportage(QL)	2016	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Sportage(QL)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Sportage(QL)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Sportage(QL)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED White
Sportage(QL)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Sportage(QL)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Sportage(QL)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Sportage(QL)	2016	General Area	Smart Key Unit	Actuation Test	ACC Relay
Sportage(QL)	2016	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Sportage(QL)	2016	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Sportage(QL)	2016	General Area	Smart Key Unit	Actuation Test	Starter Relay
Sportage(QL)	2016	General Area	Smart Key Unit	Actuation Test	External Buzzer
Sportage(QL)	2016	General Area	Smart Key Unit	Actuation Test	Key Out Indicator

model	year	area	system	function	subfunction
Sportage(QL)	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Sportage(QL)	2016	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Sportage(QL)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Sportage(QL)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(QL)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(QL)	2016	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Sportage(QL)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(QL)	2016	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Sportage(QL)	2016	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Sportage(QL)	2016	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Sportage(QL)	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Sportage(QL)	2016	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Sportage(QL)	2016	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Sportage(QL)	2016	General Area	Smart Key Unit	Special Function	Neutralization Mode
Sportage(QL)	2016	General Area	Smart Key Unit	Special Function	SMK Status Information
Sportage(QL)	2016	General Area	Smart Key Unit	Special Function	ESCL Status Information
Sportage(QL)	2016	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Sportage(QL)	2016	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Sportage(QL)	2016	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Sportage(QL)	2016	General Area	Smart Key Unit	Special Function	ESCL Enable Output Check
Sportage(QL)	2016	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Sportage(QL)	2016	General Area	Smart Key Unit	Special Function	Antenna Status Check
Sportage(QL)	2016	General Area	SPAS(Smart Parking Assist System)	Version Information	
Sportage(QL)	2016	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Sportage(QL)	2016	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Sportage(QL)	2016	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Sportage(QL)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sportage(QL)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sportage(QL)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sportage(QL)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sportage(QL)	2016	General Area	TCM(Transmission Control Module)	Version Information	
Sportage(QL)	2016	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(QL)	2016	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(QL)	2016	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(QL)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sportage(QL)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sportage(QL)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sportage(QL)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sportage(QL)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sportage(QL)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sportage(QL)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'

model	year	area	system	function	subfunction
Sportage(QL)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sportage(QL)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	1st Gear Lamp
Sportage(QL)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear Lamp
Sportage(QL)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear Lamp
Sportage(QL)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	4th Gear Lamp
Sportage(QL)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	5th Gear Lamp
Sportage(QL)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	6th Gear Lamp
Sportage(QL)	2016	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sportage(QL)	2016	General Area	Telematics Unit	Version	
Sportage(QL)	2016	General Area	Telematics Unit	Read Fault Code	
Sportage(QL)	2016	General Area	Telematics Unit	Clear Fault	
Sportage(QL)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sportage(QL)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sportage(QL)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sportage(QL)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sportage(QLE)	2017	General Area	ABS(Anti-Lock Brake System)	Version Information	
Sportage(QLE)	2017	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sportage(QLE)	2017	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sportage(QLE)	2017	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sportage(QLE)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Sportage(QLE)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sportage(QLE)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sportage(QLE)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sportage(QLE)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear

model	year	area	system	function	subfunction
Sportage(QL E)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sportage(QL E)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sportage(QL E)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sportage(QL E)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sportage(QL E)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Sportage(QL E)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Sportage(QL E)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Sportage(QL E)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Sportage(QL E)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Sportage(QL E)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Sportage(QL E)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Sportage(QL E)	2017	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Sportage(QL	2017	General Area	AC(Air Conditioning)	Version	
Sportage(QL	2017	General Area	AC(Air Conditioning)	Read Fault Code	
Sportage(QL	2017	General Area	AC(Air Conditioning)	Clear Fault	
Sportage(QL	2017	General Area	AC(Air Conditioning)	Read Data	
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-VENT
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-FLOOR

model	year	area	system	function	subfunction
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-DEF.
Sportage(QL	2017	General Area	AC(Air Conditioning)	Actuation Test	Intake Door-Fresh
Sportage(QL	2017	General Area	AC(Air Conditioning)	Actuation Test	Intake Door-
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-Off
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-1Step
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-2Step
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-3Step
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-4Step
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-5Step
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-6Step
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-7Step
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-8Step
Sportage(QL	2017	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sportage(QL	2017	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sportage(QL	2017	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Sportage(QL	2017	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Close
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Vent
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Floor
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defog
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Console Temperature Air Mix Door 0%
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Console Temperature Air Mix Door 50%
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Console Temperature Air Mix Door 100%
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Console Mode Door-Vent
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Console Mode Door-BI-Level

model	year	area	system	function	subfunction
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Console Mode Door-Floor
Sportage(QL	2017	General Area	AC(Air Conditioning)	Actuation Test	Console On Door
Sportage(QL	2017	General Area	AC(Air Conditioning)	Actuation Test	Console Off Door
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Front Air Flow Door-0%
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Front Air Flow Door-50%
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Front Air Flow Door-100%
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Flow Door-0%
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Flow Door-50%
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Flow Door-100%
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Driver B-PILLAR Door-0%
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Driver B-PILLAR Door-
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Passenger B-PILLAR Door-0%
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Passenger B-PILLAR Door-
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-Off
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-1Step
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-2Step
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-3Step
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-4Step
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-5Step
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-6Step
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-7Step
Sportage(QL E)	2017	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-8Step
Sportage(QL E)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Sportage(QL E)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	

model	year	area	system	function	subfunction
Sportage(QL E)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Sportage(QL E)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Sportage(QL E)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Sportage(QL E)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Middle(C enter)Position
Sportage(QL E)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Max(Hig h)Position
Sportage(QL E)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	DBL(Dynamic Bending Light)Max(RH)Pos ition
Sportage(QL E)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	DBL(Dynamic Bending Light)Middle Position-Center
Sportage(QL E)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	DBL(Dynamic Bending Light)Max(LH)Pos ition
Sportage(QL E)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class C
Sportage(QL E)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class V
Sportage(QL E)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class E
Sportage(QL E)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class E1
Sportage(QL E)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class E2
Sportage(QL E)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class HIGH
Sportage(QL E)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class W
Sportage(QL E)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test LED OFF
Sportage(QL E)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SBL Function Test SBL LH ON
Sportage(QL E)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SBL Function Test SBL RH ON

model	year	area	system	function	subfunction
Sportage(QL E)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SBL function Test SBL ON(ALL)
Sportage(QL E)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	AFLS AIM'G Mode
Sportage(QL E)	2017	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL normal position
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Version Information	
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Read Fault Code	
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Clear Fault Memory	
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Read Data Stream	
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power

model	year	area	system	function	subfunction
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp

model	year	area	system	function	subfunction
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay(with Safety P/WDW Enable)
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator(Option)

model	year	area	system	function	subfunction
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator(Option)
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator

model	year	area	system	function	subfunction
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination(Manual Key Type)
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Output
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Indicator
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Map Lamp Output
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Alt'L Signal Out
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Lamp
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Front Washer Motor Output
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Washer Motor Output
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	3Lh SBR Left Indicator
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	3Rh SBR Center Indicator
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Safety ECU Enable
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Heated Washer Nozzle Output
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Defogger Indicator

model	year	area	system	function	subfunction
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	EMS Wakeup Output
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Fuel Door Open Solenoid Output
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Parasitic Current Auto-Block IPS
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay

model	year	area	system	function	subfunction
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt Indicator
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt Indicator
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt Indicator
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left/Right
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Right
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	High Mounted Stop Lamp
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	RL Door Lock Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	RL Door Unlock Relay
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Up
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Down
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Left
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Right
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window DOWN
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window UP
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window DOWN
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LOCK
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Courtesy Lamp
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Power Window UP
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Assist Power Window DOWN
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window UP
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Charging Status LED(Yellow)On

model	year	area	system	function	subfunction
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Actuation Test	Charging Status LED(Green)On
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Special Function	CLU Variant Coding
Sportage(QL E)	2017	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting
Sportage(QL E)	2017	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sportage(QL E)	2017	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sportage(QL	2017	General Area	Driveshaft	Version	
Sportage(QL	2017	General Area	Driveshaft	Read Fault Code	
Sportage(QL	2017	General Area	Driveshaft	Clear Fault	
Sportage(QL	2017	General Area	Driveshaft	Read Data	
Sportage(QL E)	2017	General Area	Driveshaft	Actuation Test	Torque Coupling Control
Sportage(QL E)	2017	General Area	Driveshaft	Actuation Test	AWD/LOCK Mode Select
Sportage(QL	2017	General Area	Driveshaft	Actuation Test	4WD Lamp
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Version Information	
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G

model	year	area	system	function	subfunction
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)

model	year	area	system	function	subfunction
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Electrically Controlled Water Pump
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Nu LPI Option)
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Theta LPI Option)
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)

model	year	area	system	function	subfunction
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2

model	year	area	system	function	subfunction
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Electrical Water Heater
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	PTC Relay
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Main Water Pump
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector #1 Actuation
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector #2 Actuation

model	year	area	system	function	subfunction
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector #3 Actuation
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Injector #4 Actuation
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Relay
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	GRU(Glow Relay Unit)15%Duty
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 10%
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 90%
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 10%
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 90%
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 10%
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 90%
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 5%
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 95%
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed PWM Output
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 5%
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 95%
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 5%
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 95%
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 5%
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 95%

model	year	area	system	function	subfunction
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control Actuator(2000
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Special Function	Resetting E-CVVT Values
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Sportage(QL E)	2017	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sportage(QL	2017	General Area	IMMO(Immobilizer)	Read Fault Code	
Sportage(QL	2017	General Area	IMMO(Immobilizer)	Clear Fault	
Sportage(QL	2017	General Area	IMMO(Immobilizer)	Read Data	
Sportage(QL E)	2017	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sportage(QL	2017	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sportage(QL	2017	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sportage(QL	2017	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sportage(QL E)	2017	General Area	LDWS(Lane Departure Warning System)	Version Information	
Sportage(QL E)	2017	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Sportage(QL E)	2017	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Sportage(QL E)	2017	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Sportage(QL E)	2017	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Left Mirror LED ON
Sportage(QL E)	2017	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Left Mirror LED Blinking
Sportage(QL E)	2017	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Right Mirror LED ON

model	year	area	system	function	subfunction
Sportage(QLE)	2017	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Right Mirror LED Blinking
Sportage(QLE)	2017	General Area	LDWS(Lane Departure Warning System)	Actuation Test	BSD Switch LED ON/OFF
Sportage(QLE)	2017	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Sportage(QLE)	2017	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Sportage(QLE)	2017	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Sportage(QLE)	2017	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Sportage(QLE)	2017	General Area	PGS(Parking Guide System)	Version Information	
Sportage(QLE)	2017	General Area	PGS(Parking Guide System)	Read Fault Code	
Sportage(QLE)	2017	General Area	PGS(Parking Guide System)	Clear Fault Memory	
Sportage(QLE)	2017	General Area	PGS(Parking Guide System)	Read Data Stream	
Sportage(QL	2017	General Area	Smart Key Unit	Version	
Sportage(QL	2017	General Area	Smart Key Unit	Read Fault Code	
Sportage(QL	2017	General Area	Smart Key Unit	Clear Fault	
Sportage(QL	2017	General Area	Smart Key Unit	Read Data	
Sportage(QL	2017	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Sportage(QL	2017	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Sportage(QL	2017	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Sportage(QL	2017	General Area	Smart Key Unit	Actuation Test	SSB LED White
Sportage(QLE)	2017	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Sportage(QLE)	2017	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Sportage(QLE)	2017	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Sportage(QL	2017	General Area	Smart Key Unit	Actuation Test	ACC Relay
Sportage(QL	2017	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Sportage(QL	2017	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Sportage(QL	2017	General Area	Smart Key Unit	Actuation Test	Starter Relay
Sportage(QL	2017	General Area	Smart Key Unit	Actuation Test	External Buzzer
Sportage(QL	2017	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Sportage(QLE)	2017	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Sportage(QLE)	2017	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Sportage(QL	2017	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Sportage(QL	2017	General Area	Smart Key Unit	Actuation Test	Interior Antenna

model	year	area	system	function	subfunction
Sportage(QL	2017	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(QL	2017	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Sportage(QL	2017	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(QL E)	2017	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Sportage(QL E)	2017	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Sportage(QL E)	2017	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Sportage(QL E)	2017	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Sportage(QL E)	2017	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Sportage(QL E)	2017	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Sportage(QL E)	2017	General Area	Smart Key Unit	Special Function	Neutralization Mode
Sportage(QL E)	2017	General Area	Smart Key Unit	Special Function	SMK Status Information
Sportage(QL E)	2017	General Area	Smart Key Unit	Special Function	ESCL Status Information
Sportage(QL E)	2017	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Sportage(QL E)	2017	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Sportage(QL E)	2017	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Sportage(QL E)	2017	General Area	Smart Key Unit	Special Function	ESCL Enable Output Check
Sportage(QL E)	2017	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Sportage(QL E)	2017	General Area	Smart Key Unit	Special Function	Antenna Status Check
Sportage(QL E)	2017	General Area	SPAS(Smart Parking Assist System)	Version Information	
Sportage(QL E)	2017	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Sportage(QL E)	2017	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Sportage(QL E)	2017	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Sportage(QL E)	2017	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	

model	year	area	system	function	subfunction
Sportage(QLE)	2017	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sportage(QLE)	2017	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sportage(QLE)	2017	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sportage(QLE)	2017	General Area	TCM(Transmission Control Module)	Version Information	
Sportage(QLE)	2017	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(QLE)	2017	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(QLE)	2017	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(QLE)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sportage(QLE)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sportage(QLE)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sportage(QLE)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sportage(QLE)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sportage(QLE)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sportage(QLE)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sportage(QLE)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sportage(QLE)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	1st Gear Lamp
Sportage(QLE)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear Lamp

model	year	area	system	function	subfunction
Sportage(QL E)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear Lamp
Sportage(QL E)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	4th Gear Lamp
Sportage(QL E)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	5th Gear Lamp
Sportage(QL E)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	6th Gear Lamp
Sportage(QL E)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Clutch Reference Position Check
Sportage(QL E)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Clutch(20mm)
Sportage(QL E)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Clutch(20mm)
Sportage(QL E)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Both Clutch(20mm)
Sportage(QL E)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Self Opening of Odd Clutch
Sportage(QL E)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Self Opening of Even Clutch
Sportage(QL E)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Gear Actuator Reference Check
Sportage(QL E)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(1st Gear)
Sportage(QL E)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(2nd Gear)
Sportage(QL E)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(3rd Gear)
Sportage(QL E)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(4th Gear)
Sportage(QL E)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(5th Gear)
Sportage(QL E)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(6th Gear)
Sportage(QL E)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(7th Gear)
Sportage(QL E)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(R Gear)
Sportage(QL E)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Gear Neutral
Sportage(QL E)	2017	General Area	TCM(Transmission Control Module)	Actuation Test	Lug Alignment
Sportage(QL E)	2017	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sportage(QL	2017	General Area	Telematics Unit	Version	
Sportage(QL	2017	General Area	Telematics Unit	Read Fault Code	

model	year	area	system	function	subfunction
Sportage(QL	2017	General Area	Telematics Unit	Clear Fault	
Sportage(QL E)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sportage(QL E)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sportage(QL E)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sportage(QL E)	2017	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sportage(QL E)	2016	General Area	ABS(Anti-Lock Brake System)	Version Information	
Sportage(QL E)	2016	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sportage(QL E)	2016	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sportage(QL E)	2016	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sportage(QL E)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Sportage(QL E)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sportage(QL E)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sportage(QL E)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sportage(QL E)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sportage(QL E)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sportage(QL E)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sportage(QL E)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sportage(QL E)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sportage(QL E)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Sportage(QL E)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Sportage(QL E)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Sportage(QL E)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front

model	year	area	system	function	subfunction
Sportage(QL E)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Sportage(QL E)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Sportage(QL E)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Sportage(QL E)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Sportage(QL	2016	General Area	AC(Air Conditioning)	Version	
Sportage(QL	2016	General Area	AC(Air Conditioning)	Read Fault Code	
Sportage(QL	2016	General Area	AC(Air Conditioning)	Clear Fault	
Sportage(QL	2016	General Area	AC(Air Conditioning)	Read Data	
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-VENT
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-FLOOR
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-DEF.
Sportage(QL	2016	General Area	AC(Air Conditioning)	Actuation Test	Intake Door-Fresh
Sportage(QL	2016	General Area	AC(Air Conditioning)	Actuation Test	Intake Door-
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-Off
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-1Step
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-2Step
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-3Step
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-4Step
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-5Step

model	year	area	system	function	subfunction
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-6Step
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-7Step
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-8Step
Sportage(QL	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sportage(QL	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sportage(QL	2016	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Sportage(QL	2016	General Area	AC(Air Conditioning)	Actuation Test	Def Door-Close
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Vent
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Floor
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defog
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Temperature Air Mix Door 0%
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Temperature Air Mix Door 50%
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Temperature Air Mix Door 100%
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Mode Door-Vent
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Mode Door-BI-Level
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Mode Door-Floor
Sportage(QL	2016	General Area	AC(Air Conditioning)	Actuation Test	Console On Door
Sportage(QL	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Off Door
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Air Flow Door-0%
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Air Flow Door-50%
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Front Air Flow Door-100%
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Flow Door-0%
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Flow Door-50%
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Flow Door-100%

model	year	area	system	function	subfunction
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Driver B-PILLAR Door-0%
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Driver B-PILLAR Door-
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Passenger B-PILLAR Door-0%
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Passenger B-PILLAR Door-
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-Off
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-1Step
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-2Step
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-3Step
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-4Step
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-5Step
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-6Step
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-7Step
Sportage(QL E)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-8Step
Sportage(QL E)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Sportage(QL E)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Sportage(QL E)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Sportage(QL E)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Sportage(QL E)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Sportage(QL E)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Middle(Center)Position
Sportage(QL E)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position

model	year	area	system	function	subfunction
Sportage(QL E)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	DBL(Dynamic Bending Light)Max(RH)Position
Sportage(QL E)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	DBL(Dynamic Bending Light)Middle Position-Center
Sportage(QL E)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	DBL(Dynamic Bending Light)Max(LH)Position
Sportage(QL E)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class C
Sportage(QL E)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class V
Sportage(QL E)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class E
Sportage(QL E)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class E1
Sportage(QL E)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class E2
Sportage(QL E)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class HIGH
Sportage(QL E)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test Class W
Sportage(QL E)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	Full AFLS BPC Test LED OFF
Sportage(QL E)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SBL Function Test SBL LH ON
Sportage(QL E)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SBL Function Test SBL RH ON
Sportage(QL E)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SBL function Test SBL ON(ALL)
Sportage(QL E)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	AFLS AIM'G Mode
Sportage(QL E)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL normal position
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Version Information	
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Read Fault Code	
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Clear Fault Memory	
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output

model	year	area	system	function	subfunction
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay

model	year	area	system	function	subfunction
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay(with Safety P/WDW Enable)
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator(Option)
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator(Option)
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay

model	year	area	system	function	subfunction
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination(Manual Key Type)

model	year	area	system	function	subfunction
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Output
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Heated Handle Indicator
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Map Lamp Output
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Alt'L Signal Out
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Lamp
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Washer Motor Output
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Washer Motor Output
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	3Lh SBR Left Indicator
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	3Rh SBR Center Indicator
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Safety ECU Enable
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Heated Washer Nozzle Output
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Defogger Indicator
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	EMS Wakeup Output
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Fuel Door Open Solenoid Output
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp

model	year	area	system	function	subfunction
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Parasitic Current Auto-Block IPS
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt Indicator
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt Indicator
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt Indicator
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left/Right
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Right

model	year	area	system	function	subfunction
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	High Mounted Stop Lamp
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	RL Door Lock Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	RL Door Unlock Relay
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Up
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Down
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Left
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Right
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window DOWN
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window UP
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window DOWN
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LOCK
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Door Courtesy Lamp
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Power Window UP
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Power Window DOWN
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window UP
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Charging Status LED(Yellow)On
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Actuation Test	Charging Status LED(Green)On
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Special Function	CLU Variant Coding
Sportage(QL E)	2016	General Area	BCM(Body Control Module)	Special Function	Service Reminder Setting
Sportage(QL E)	2016	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sportage(QL E)	2016	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sportage(QL	2016	General Area	Driveshaft	Version	
Sportage(QL	2016	General Area	Driveshaft	Read Fault Code	
Sportage(QL	2016	General Area	Driveshaft	Clear Fault	
Sportage(QL	2016	General Area	Driveshaft	Read Data	

model	year	area	system	function	subfunction
Sportage(QL E)	2016	General Area	Driveshaft	Actuation Test	Torque Coupling Control
Sportage(QL E)	2016	General Area	Driveshaft	Actuation Test	AWD/LOCK Mode Select
Sportage(QL	2016	General Area	Driveshaft	Actuation Test	4WD Lamp
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Version Information	
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1

model	year	area	system	function	subfunction
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp

model	year	area	system	function	subfunction
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Electrically Controlled Water Pump
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Nu LPI Option)
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Theta LPI Option)
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM

model	year	area	system	function	subfunction
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust

model	year	area	system	function	subfunction
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2

model	year	area	system	function	subfunction
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Electrical Water Heater
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PTC Relay
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Main Water Pump
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #1 Actuation
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #2 Actuation
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #3 Actuation
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #4 Actuation
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Relay
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GRU(Glow Relay Unit)15%Duty
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%

model	year	area	system	function	subfunction
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 10%
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 90%
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 10%
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 90%
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 10%
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 90%
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 5%
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 95%
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed PWM Output
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 5%
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 95%
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 5%
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 95%
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 5%
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 95%
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control Actuator(2000
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values

model	year	area	system	function	subfunction
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Special Function	Resetting E-CVVT Values
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Sportage(QL E)	2016	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sportage(QL	2016	General Area	IMMO(Immobilizer)	Read Fault Code	
Sportage(QL	2016	General Area	IMMO(Immobilizer)	Clear Fault	
Sportage(QL	2016	General Area	IMMO(Immobilizer)	Read Data	
Sportage(QL E)	2016	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sportage(QL	2016	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sportage(QL	2016	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sportage(QL	2016	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sportage(QL E)	2016	General Area	LDWS(Lane Departure Warning System)	Version Information	
Sportage(QL E)	2016	General Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Sportage(QL E)	2016	General Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Sportage(QL E)	2016	General Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Sportage(QL E)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Left Mirror LED ON
Sportage(QL E)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Left Mirror LED Blinking
Sportage(QL E)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Right Mirror LED ON
Sportage(QL E)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	Right Mirror LED Blinking
Sportage(QL E)	2016	General Area	LDWS(Lane Departure Warning System)	Actuation Test	BSD Switch LED ON/OFF
Sportage(QL E)	2016	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Sportage(QL E)	2016	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Sportage(QL E)	2016	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	

model	year	area	system	function	subfunction
Sportage(QL E)	2016	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Sportage(QL E)	2016	General Area	PGS(Parking Guide System)	Version Information	
Sportage(QL E)	2016	General Area	PGS(Parking Guide System)	Read Fault Code	
Sportage(QL E)	2016	General Area	PGS(Parking Guide System)	Clear Fault Memory	
Sportage(QL E)	2016	General Area	PGS(Parking Guide System)	Read Data Stream	
Sportage(QL	2016	General Area	Smart Key Unit	Version	
Sportage(QL	2016	General Area	Smart Key Unit	Read Fault Code	
Sportage(QL	2016	General Area	Smart Key Unit	Clear Fault	
Sportage(QL	2016	General Area	Smart Key Unit	Read Data	
Sportage(QL	2016	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Sportage(QL	2016	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Sportage(QL	2016	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Sportage(QL	2016	General Area	Smart Key Unit	Actuation Test	SSB LED White
Sportage(QL E)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Sportage(QL E)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Sportage(QL E)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Sportage(QL	2016	General Area	Smart Key Unit	Actuation Test	ACC Relay
Sportage(QL	2016	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Sportage(QL	2016	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Sportage(QL	2016	General Area	Smart Key Unit	Actuation Test	Starter Relay
Sportage(QL	2016	General Area	Smart Key Unit	Actuation Test	External Buzzer
Sportage(QL	2016	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Sportage(QL E)	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Sportage(QL E)	2016	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Sportage(QL	2016	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Sportage(QL	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(QL	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(QL	2016	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Sportage(QL	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(QL E)	2016	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Sportage(QL E)	2016	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Sportage(QL E)	2016	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna

model	year	area	system	function	subfunction
Sportage(QL E)	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Sportage(QL E)	2016	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Sportage(QL E)	2016	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Sportage(QL E)	2016	General Area	Smart Key Unit	Special Function	Neutralization Mode
Sportage(QL E)	2016	General Area	Smart Key Unit	Special Function	SMK Status Information
Sportage(QL E)	2016	General Area	Smart Key Unit	Special Function	ESCL Status Information
Sportage(QL E)	2016	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Sportage(QL E)	2016	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Sportage(QL E)	2016	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Sportage(QL E)	2016	General Area	Smart Key Unit	Special Function	ESCL Enable Output Check
Sportage(QL E)	2016	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Sportage(QL E)	2016	General Area	Smart Key Unit	Special Function	Antenna Status Check
Sportage(QL E)	2016	General Area	SPAS(Smart Parking Assist System)	Version Information	
Sportage(QL E)	2016	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Sportage(QL E)	2016	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Sportage(QL E)	2016	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Sportage(QL E)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sportage(QL E)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sportage(QL E)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sportage(QL E)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	

model	year	area	system	function	subfunction
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Version Information	
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	1st Gear Lamp
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear Lamp
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear Lamp
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	4th Gear Lamp
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	5th Gear Lamp
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	6th Gear Lamp
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Clutch Reference Position Check

model	year	area	system	function	subfunction
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Clutch(20mm)
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Clutch(20mm)
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Both Clutch(20mm)
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Self Opening of Odd Clutch
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Self Opening of Even Clutch
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Gear Actuator Reference Check
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(1st Gear)
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(2nd Gear)
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(3rd Gear)
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(4th Gear)
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(5th Gear)
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(6th Gear)
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(7th Gear)
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(R Gear)
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Gear Neutral
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Lug Alignment
Sportage(QL E)	2016	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sportage(QL	2016	General Area	Telematics Unit	Version	
Sportage(QL	2016	General Area	Telematics Unit	Read Fault Code	
Sportage(QL	2016	General Area	Telematics Unit	Clear Fault	
Sportage(QL E)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sportage(QL E)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sportage(QL E)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sportage(QL E)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Version	

model	year	area	system	function	subfunction
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Read Fault Code	
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Clear Fault	
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Read Data	
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Vent
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Floor
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defog
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-VENT-0%

model	year	area	system	function	subfunction
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-TEMP-50%
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Sportage(SL)	2016	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Sportage(SL)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Sportage(SL)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Sportage(SL)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Sportage(SL)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Sportage(SL)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Version Information	
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Read Fault Code	
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Clear Fault Memory	
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Read Data Stream	
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head lamp washer relay
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay

model	year	area	system	function	subfunction
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Relay
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Reverse Lamp Relay
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay

model	year	area	system	function	subfunction
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sportage(SL)	2016	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Sportage(SL)	2016	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sportage(SL)	2016	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sportage(SL)	2016	General Area	Driveshaft	Version	
Sportage(SL)	2016	General Area	Driveshaft	Read Fault Code	
Sportage(SL)	2016	General Area	Driveshaft	Clear Fault	
Sportage(SL)	2016	General Area	Driveshaft	Read Data	
Sportage(SL)	2016	General Area	Driveshaft	Actuation Test	Torque Coupling Control
Sportage(SL)	2016	General Area	Driveshaft	Actuation Test	AWD/LOCK Mode Select
Sportage(SL)	2016	General Area	Driveshaft	Actuation Test	4WD Lamp
Sportage(SL)	2016	General Area	Driveshaft	Special Function	Clutch Learning Reset
Sportage(SL)	2016	General Area	Driveshaft	Special Function	Clutch Learning Read
Sportage(SL)	2016	General Area	Driveshaft	Special Function	Clutch Learning Write
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Version Information	
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)

model	year	area	system	function	subfunction
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2

model	year	area	system	function	subfunction
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control

model	year	area	system	function	subfunction
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2

model	year	area	system	function	subfunction
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1

model	year	area	system	function	subfunction
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay

model	year	area	system	function	subfunction
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 15%
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 500 RPM
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 4000 RPM
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Alternator Control(Option)
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 5%
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 95%
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 5%

model	year	area	system	function	subfunction
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 95%
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sportage(SL)	2016	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Sportage(SL)	2016	General Area	ESP(Electronic Stability Program)	Version Information	
Sportage(SL)	2016	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Sportage(SL)	2016	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sportage(SL)	2016	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Sportage(SL)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Sportage(SL)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Sportage(SL)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sportage(SL)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sportage(SL)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Sportage(SL)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sportage(SL)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front

model	year	area	system	function	subfunction
Sportage(SL)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sportage(SL)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sportage(SL)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Sportage(SL)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Sportage(SL)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Sportage(SL)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Sportage(SL)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Sportage(SL)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Sportage(SL)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Sportage(SL)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Sportage(SL)	2016	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Sportage(SL)	2016	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sportage(SL)	2016	General Area	ESP(Electronic Stability Program)	Special Function	SAS Calibration(CAN-ESP Only)
Sportage(SL)	2016	General Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Sportage(SL)	2016	General Area	ESP(Electronic Stability Program)	Special Function	Variant Coding
Sportage(SL)	2016	General Area	IMMO(Immobilizer)	Read Data	
Sportage(SL)	2016	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sportage(SL)	2016	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sportage(SL)	2016	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sportage(SL)	2016	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sportage(SL)	2016	General Area	IMMO(Immobilizer)	Special Function	Teaching

model	year	area	system	function	subfunction
Sportage(SL)	2016	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Sportage(SL)	2016	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Sportage(SL)	2016	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Sportage(SL)	2016	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Sportage(SL)	2016	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Sportage(SL)	2016	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration(CAN)
Sportage(SL)	2016	General Area	Smart Key Unit	Version	
Sportage(SL)	2016	General Area	Smart Key Unit	Read Fault Code	
Sportage(SL)	2016	General Area	Smart Key Unit	Clear Fault	
Sportage(SL)	2016	General Area	Smart Key Unit	Read Data	
Sportage(SL)	2016	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Sportage(SL)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Sportage(SL)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Sportage(SL)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED White
Sportage(SL)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Sportage(SL)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Sportage(SL)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Sportage(SL)	2016	General Area	Smart Key Unit	Actuation Test	ACC Relay
Sportage(SL)	2016	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Sportage(SL)	2016	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Sportage(SL)	2016	General Area	Smart Key Unit	Actuation Test	Starter Relay
Sportage(SL)	2016	General Area	Smart Key Unit	Actuation Test	External Buzzer
Sportage(SL)	2016	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Sportage(SL)	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Sportage(SL)	2016	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Sportage(SL)	2016	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Sportage(SL)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2016	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Sportage(SL)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2016	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Sportage(SL)	2016	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna

model	year	area	system	function	subfunction
Sportage(SL)	2016	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Sportage(SL)	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Sportage(SL)	2016	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Sportage(SL)	2016	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Sportage(SL)	2016	General Area	Smart Key Unit	Special Function	Neutralization Mode
Sportage(SL)	2016	General Area	Smart Key Unit	Special Function	SMK Status Information
Sportage(SL)	2016	General Area	Smart Key Unit	Special Function	ESCL Status Information
Sportage(SL)	2016	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Sportage(SL)	2016	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Sportage(SL)	2016	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Sportage(SL)	2016	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Sportage(SL)	2016	General Area	Smart Key Unit	Special Function	Antenna Status Check
Sportage(SL)	2016	General Area	SPAS(Smart Parking Assist System)	Version Information	
Sportage(SL)	2016	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Sportage(SL)	2016	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Sportage(SL)	2016	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Sportage(SL)	2016	General Area	SPAS(Smart Parking Assist System)	Actuation Test	Speaker Activation
Sportage(SL)	2016	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation
Sportage(SL)	2016	General Area	SPAS(Smart Parking Assist System)	Special Function	SPAS Variant Coding
Sportage(SL)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sportage(SL)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	

model	year	area	system	function	subfunction
Sportage(SL)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sportage(SL)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sportage(SL)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Sportage(SL)	2016	General Area	TCM(Transmission Control Module)	Version Information	
Sportage(SL)	2016	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(SL)	2016	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(SL)	2016	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(SL)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sportage(SL)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sportage(SL)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sportage(SL)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sportage(SL)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sportage(SL)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sportage(SL)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sportage(SL)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sportage(SL)	2016	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sportage(SL)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	

model	year	area	system	function	subfunction
Sportage(SL)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sportage(SL)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sportage(SL)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sportage(SL)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sportage(SL)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sportage(SL)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sportage(SL)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Sportage(SL)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sportage(SL)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sportage(SL)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sportage(SL)	2015	General Area	4WD Control	Version	
Sportage(SL)	2015	General Area	4WD Control	Read Fault Code	
Sportage(SL)	2015	General Area	4WD Control	Clear Fault	
Sportage(SL)	2015	General Area	4WD Control	Read Data	
Sportage(SL)	2015	General Area	4WD Control	Actuation Test	Torque Coupling Control
Sportage(SL)	2015	General Area	4WD Control	Actuation Test	AWD/LOCK Mode Select
Sportage(SL)	2015	General Area	4WD Control	Actuation Test	4WD Lamp
Sportage(SL)	2015	General Area	4WD Control	Special Function	Clutch Learning Reset
Sportage(SL)	2015	General Area	4WD Control	Special Function	Clutch Learning Read
Sportage(SL)	2015	General Area	4WD Control	Special Function	Clutch Learning Write
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Version	
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Read Fault Code	
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Clear Fault	
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Read Data	
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low

model	year	area	system	function	subfunction
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Vent
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Floor
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defog
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-VENT-0%
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-TEMP-50%

model	year	area	system	function	subfunction
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Sportage(SL)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Sportage(SL)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Sportage(SL)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Sportage(SL)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Sportage(SL)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Sportage(SL)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Version Information	
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Read Fault Code	
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Clear Fault Memory	
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Read Data Stream	
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head lamp washer relay
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator

model	year	area	system	function	subfunction
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Relay
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Actuation Test	Reverse Lamp Relay
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay

model	year	area	system	function	subfunction
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sportage(SL)	2015	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Sportage(SL)	2015	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sportage(SL)	2015	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Version Information	
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High

model	year	area	system	function	subfunction
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)

model	year	area	system	function	subfunction
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank

model	year	area	system	function	subfunction
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2

model	year	area	system	function	subfunction
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve

model	year	area	system	function	subfunction
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 15%
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%

model	year	area	system	function	subfunction
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 500 RPM
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 4000 RPM
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Alternator Control(Option)
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 5%
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 95%
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 5%
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 95%
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data

model	year	area	system	function	subfunction
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Special Function	ECU Tuning Data Confirm
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Special Function	Fuel Line Air Remove
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Special Function	Essential Work After Component Replacement
Sportage(SL)	2015	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Sportage(SL)	2015	General Area	ESP(Electronic Stability Program)	Version Information	
Sportage(SL)	2015	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Sportage(SL)	2015	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sportage(SL)	2015	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Sportage(SL)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Sportage(SL)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Sportage(SL)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sportage(SL)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sportage(SL)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Sportage(SL)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sportage(SL)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Sportage(SL)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sportage(SL)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sportage(SL)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Sportage(SL)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Sportage(SL)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Sportage(SL)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)

model	year	area	system	function	subfunction
Sportage(SL)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Sportage(SL)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Sportage(SL)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Sportage(SL)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Sportage(SL)	2015	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Sportage(SL)	2015	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sportage(SL)	2015	General Area	ESP(Electronic Stability Program)	Special Function	SAS Calibration(CAN-ESP Only)
Sportage(SL)	2015	General Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Sportage(SL)	2015	General Area	ESP(Electronic Stability Program)	Special Function	Variant Coding
Sportage(SL)	2015	General Area	IMMO(Immobilizer)	Read Data	
Sportage(SL)	2015	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sportage(SL)	2015	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sportage(SL)	2015	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sportage(SL)	2015	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sportage(SL)	2015	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sportage(SL)	2015	General Area	Power Steering	Version	
Sportage(SL)	2015	General Area	Power Steering	Read Fault Code	
Sportage(SL)	2015	General Area	Power Steering	Clear Fault	
Sportage(SL)	2015	General Area	Power Steering	Read Data	
Sportage(SL)	2015	General Area	Power Steering	Special Function	EPS Type Recognition
Sportage(SL)	2015	General Area	Power Steering	Special Function	ASP Calibration(CAN)
Sportage(SL)	2015	General Area	Smart Key Unit	Version	
Sportage(SL)	2015	General Area	Smart Key Unit	Read Fault Code	
Sportage(SL)	2015	General Area	Smart Key Unit	Clear Fault	
Sportage(SL)	2015	General Area	Smart Key Unit	Read Data	
Sportage(SL)	2015	General Area	Smart Key Unit	Actuation Test	SSB Illumination

model	year	area	system	function	subfunction
Sportage(SL)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Sportage(SL)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Sportage(SL)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED White
Sportage(SL)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Sportage(SL)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Sportage(SL)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Sportage(SL)	2015	General Area	Smart Key Unit	Actuation Test	ACC Relay
Sportage(SL)	2015	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Sportage(SL)	2015	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Sportage(SL)	2015	General Area	Smart Key Unit	Actuation Test	Starter Relay
Sportage(SL)	2015	General Area	Smart Key Unit	Actuation Test	External Buzzer
Sportage(SL)	2015	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Sportage(SL)	2015	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Sportage(SL)	2015	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Sportage(SL)	2015	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Sportage(SL)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2015	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Sportage(SL)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2015	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Sportage(SL)	2015	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Sportage(SL)	2015	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Sportage(SL)	2015	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Sportage(SL)	2015	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Sportage(SL)	2015	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Sportage(SL)	2015	General Area	Smart Key Unit	Special Function	Neutralization Mode
Sportage(SL)	2015	General Area	Smart Key Unit	Special Function	SMK Status Information
Sportage(SL)	2015	General Area	Smart Key Unit	Special Function	ESCL Status Information
Sportage(SL)	2015	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Sportage(SL)	2015	General Area	Smart Key Unit	Special Function	Current FOB Key Check

model	year	area	system	function	subfunction
Sportage(SL)	2015	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Sportage(SL)	2015	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Sportage(SL)	2015	General Area	Smart Key Unit	Special Function	Antenna Status Check
Sportage(SL)	2015	General Area	SPAS(Smart Parking Assist System)	Version Information	
Sportage(SL)	2015	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Sportage(SL)	2015	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Sportage(SL)	2015	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Sportage(SL)	2015	General Area	SPAS(Smart Parking Assist System)	Actuation Test	Speaker Activation
Sportage(SL)	2015	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation
Sportage(SL)	2015	General Area	SPAS(Smart Parking Assist System)	Special Function	SPAS Variant Coding
Sportage(SL)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sportage(SL)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sportage(SL)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sportage(SL)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sportage(SL)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Sportage(SL)	2015	General Area	TCM(Transmission Control Module)	Version Information	
Sportage(SL)	2015	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(SL)	2015	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(SL)	2015	General Area	TCM(Transmission Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Sportage(SL)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sportage(SL)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sportage(SL)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sportage(SL)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sportage(SL)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sportage(SL)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sportage(SL)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sportage(SL)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sportage(SL)	2015	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sportage(SL)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sportage(SL)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sportage(SL)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sportage(SL)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sportage(SL)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sportage(SL)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sportage(SL)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sportage(SL)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Sportage(SL)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sportage(SL)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading

model	year	area	system	function	subfunction
Sportage(SL)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sportage(SL)	2014	General Area	4WD Control	Version	
Sportage(SL)	2014	General Area	4WD Control	Read Fault Code	
Sportage(SL)	2014	General Area	4WD Control	Clear Fault	
Sportage(SL)	2014	General Area	4WD Control	Read Data	
Sportage(SL)	2014	General Area	4WD Control	Actuation Test	Torque Coupling Control
Sportage(SL)	2014	General Area	4WD Control	Actuation Test	AWD/LOCK Mode Select
Sportage(SL)	2014	General Area	4WD Control	Actuation Test	4WD Lamp
Sportage(SL)	2014	General Area	4WD Control	Special Function	Clutch Learning Reset
Sportage(SL)	2014	General Area	4WD Control	Special Function	Clutch Learning Read
Sportage(SL)	2014	General Area	4WD Control	Special Function	Clutch Learning Write
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Version	
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Read Fault Code	
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Clear Fault	
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Read Data	
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent

model	year	area	system	function	subfunction
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Vent
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Floor
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defog
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-VENT-0%
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-TEMP-50%
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Sportage(SL)	2014	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Sportage(SL)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Sportage(SL)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Sportage(SL)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Sportage(SL)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	

model	year	area	system	function	subfunction
Sportage(SL)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Version Information	
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Read Fault Code	
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Clear Fault Memory	
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Read Data Stream	
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Actuation Test	Reverse Lamp Relay
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay

model	year	area	system	function	subfunction
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head lamp washer relay
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Relay
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output
Sportage(SL)	2014	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Sportage(SL)	2014	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sportage(SL)	2014	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Version Information	
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)

model	year	area	system	function	subfunction
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer

model	year	area	system	function	subfunction
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction

model	year	area	system	function	subfunction
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp

model	year	area	system	function	subfunction
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 15%
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 500 RPM
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 4000 RPM
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Alternator Control(Option)
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 5%
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 95%

model	year	area	system	function	subfunction
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 5%
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 95%
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Special Function	ECU Tuning Data Confirm
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Special Function	Fuel Line Air Remove
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Special Function	Essential Work After Component Replacement
Sportage(SL)	2014	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Sportage(SL)	2014	General Area	ESP(Electronic Stability Program)	Version Information	
Sportage(SL)	2014	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Sportage(SL)	2014	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sportage(SL)	2014	General Area	ESP(Electronic Stability Program)	Read Data Stream	

model	year	area	system	function	subfunction
Sportage(SL)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Sportage(SL)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Sportage(SL)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sportage(SL)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sportage(SL)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Sportage(SL)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sportage(SL)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Sportage(SL)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sportage(SL)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sportage(SL)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Sportage(SL)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Sportage(SL)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Sportage(SL)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Sportage(SL)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Sportage(SL)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Sportage(SL)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Sportage(SL)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Sportage(SL)	2014	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Sportage(SL)	2014	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sportage(SL)	2014	General Area	ESP(Electronic Stability Program)	Special Function	SAS Calibration(CAN-ESP Only)

model	year	area	system	function	subfunction
Sportage(SL)	2014	General Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor Calibration(HAC/ DBC Only)
Sportage(SL)	2014	General Area	ESP(Electronic Stability Program)	Special Function	Variant Coding
Sportage(SL)	2014	General Area	IMMO(Immobilizer)	Read Data	
Sportage(SL)	2014	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sportage(SL)	2014	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sportage(SL)	2014	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sportage(SL)	2014	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sportage(SL)	2014	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sportage(SL)	2014	General Area	Power Steering	Version	
Sportage(SL)	2014	General Area	Power Steering	Read Fault Code	
Sportage(SL)	2014	General Area	Power Steering	Clear Fault	
Sportage(SL)	2014	General Area	Power Steering	Read Data	
Sportage(SL)	2014	General Area	Power Steering	Special Function	EPS Type Recognition
Sportage(SL)	2014	General Area	Power Steering	Special Function	ASP Calibration(CAN)
Sportage(SL)	2014	General Area	Smart Key Unit	Version	
Sportage(SL)	2014	General Area	Smart Key Unit	Read Fault Code	
Sportage(SL)	2014	General Area	Smart Key Unit	Clear Fault	
Sportage(SL)	2014	General Area	Smart Key Unit	Read Data	
Sportage(SL)	2014	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Sportage(SL)	2014	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Sportage(SL)	2014	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Sportage(SL)	2014	General Area	Smart Key Unit	Actuation Test	SSB LED White
Sportage(SL)	2014	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Sportage(SL)	2014	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Sportage(SL)	2014	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Sportage(SL)	2014	General Area	Smart Key Unit	Actuation Test	ACC Relay
Sportage(SL)	2014	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Sportage(SL)	2014	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Sportage(SL)	2014	General Area	Smart Key Unit	Actuation Test	Starter Relay
Sportage(SL)	2014	General Area	Smart Key Unit	Actuation Test	External Buzzer
Sportage(SL)	2014	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Sportage(SL)	2014	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Sportage(SL)	2014	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator

model	year	area	system	function	subfunction
Sportage(SL)	2014	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Sportage(SL)	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2014	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Sportage(SL)	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2014	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Sportage(SL)	2014	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Sportage(SL)	2014	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Sportage(SL)	2014	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Sportage(SL)	2014	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Sportage(SL)	2014	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Sportage(SL)	2014	General Area	Smart Key Unit	Special Function	Neutralization Mode
Sportage(SL)	2014	General Area	Smart Key Unit	Special Function	SMK Status Information
Sportage(SL)	2014	General Area	Smart Key Unit	Special Function	ESCL Status Information
Sportage(SL)	2014	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Sportage(SL)	2014	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Sportage(SL)	2014	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Sportage(SL)	2014	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Sportage(SL)	2014	General Area	Smart Key Unit	Special Function	Antenna Status Check
Sportage(SL)	2014	General Area	SPAS(Smart Parking Assist System)	Version Information	
Sportage(SL)	2014	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Sportage(SL)	2014	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Sportage(SL)	2014	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Sportage(SL)	2014	General Area	SPAS(Smart Parking Assist System)	Actuation Test	Speaker Activation
Sportage(SL)	2014	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation

model	year	area	system	function	subfunction
Sportage(SL)	2014	General Area	SPAS(Smart Parking Assist System)	Special Function	SPAS Variant Coding
Sportage(SL)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sportage(SL)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sportage(SL)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sportage(SL)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sportage(SL)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Sportage(SL)	2014	General Area	TCM(Transmission Control Module)	Version Information	
Sportage(SL)	2014	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(SL)	2014	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(SL)	2014	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(SL)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sportage(SL)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sportage(SL)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sportage(SL)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sportage(SL)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sportage(SL)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)

model	year	area	system	function	subfunction
Sportage(SL)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sportage(SL)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sportage(SL)	2014	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sportage(SL)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sportage(SL)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sportage(SL)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sportage(SL)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sportage(SL)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sportage(SL)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sportage(SL)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sportage(SL)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Sportage(SL)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sportage(SL)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sportage(SL)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sportage(SL)	2013	General Area	4WD Control	Version	
Sportage(SL)	2013	General Area	4WD Control	Read Fault Code	
Sportage(SL)	2013	General Area	4WD Control	Clear Fault	
Sportage(SL)	2013	General Area	4WD Control	Read Data	
Sportage(SL)	2013	General Area	4WD Control	Actuation Test	Torque Coupling Control
Sportage(SL)	2013	General Area	4WD Control	Actuation Test	AWD/LOCK Mode Select
Sportage(SL)	2013	General Area	4WD Control	Actuation Test	4WD Lamp
Sportage(SL)	2013	General Area	4WD Control	Special Function	Clutch Learning Reset
Sportage(SL)	2013	General Area	4WD Control	Special Function	Clutch Learning Read
Sportage(SL)	2013	General Area	4WD Control	Special Function	Clutch Learning Write
Sportage(SL)	2013	General Area	AC(Air Conditioning)	Version	

model	year	area	system	function	subfunction
Sportage(SL)	2013	General Area	AC(Air Conditioning)	Read Fault Code	
Sportage(SL)	2013	General Area	AC(Air Conditioning)	Clear Fault	
Sportage(SL)	2013	General Area	AC(Air Conditioning)	Read Data	
Sportage(SL)	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sportage(SL)	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sportage(SL)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sportage(SL)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sportage(SL)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sportage(SL)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sportage(SL)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sportage(SL)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sportage(SL)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sportage(SL)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sportage(SL)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sportage(SL)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sportage(SL)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sportage(SL)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sportage(SL)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sportage(SL)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sportage(SL)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sportage(SL)	2013	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sportage(SL)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-VENT-0%
Sportage(SL)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
Sportage(SL)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
Sportage(SL)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%

model	year	area	system	function	subfunction
Sportage(SL)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-TEMP-50%
Sportage(SL)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
Sportage(SL)	2013	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Sportage(SL)	2013	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Sportage(SL)	2013	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Sportage(SL)	2013	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Sportage(SL)	2013	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Sportage(SL)	2013	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Sportage(SL)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Sportage(SL)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Sportage(SL)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Sportage(SL)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Sportage(SL)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Version Information	
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Read Fault Code	
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Clear Fault Memory	
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Read Data Stream	
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head lamp washer relay
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp

model	year	area	system	function	subfunction
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Relay
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Actuation Test	Reverse Lamp Relay
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay

model	year	area	system	function	subfunction
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sportage(SL)	2013	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Sportage(SL)	2013	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sportage(SL)	2013	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Version Information	
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1

model	year	area	system	function	subfunction
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd

model	year	area	system	function	subfunction
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2

model	year	area	system	function	subfunction
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator

model	year	area	system	function	subfunction
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 50%
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 78%
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 5%

model	year	area	system	function	subfunction
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 95%
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 5%
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 76%
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 500 RPM
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 4000 RPM
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Alternator Control(Option)
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 5%
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 95%
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 5%
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 95%
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Starter Relay
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Special Function	Read VIN

model	year	area	system	function	subfunction
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Special Function	Fuel Line Air Remove
Sportage(SL)	2013	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Sportage(SL)	2013	General Area	ESP(Electronic Stability Program)	Version Information	
Sportage(SL)	2013	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Sportage(SL)	2013	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sportage(SL)	2013	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Sportage(SL)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Sportage(SL)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Sportage(SL)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sportage(SL)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sportage(SL)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear

model	year	area	system	function	subfunction
Sportage(SL)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sportage(SL)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Sportage(SL)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sportage(SL)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sportage(SL)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Sportage(SL)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Sportage(SL)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Sportage(SL)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Sportage(SL)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Sportage(SL)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Sportage(SL)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Sportage(SL)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Sportage(SL)	2013	General Area	ESP(Electronic Stability Program)	Special Function	SAS Calibration(CAN-ESP Only)
Sportage(SL)	2013	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sportage(SL)	2013	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset
Sportage(SL)	2013	General Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor
Sportage(SL)	2013	General Area	IMMO(Immobilizer)	Read Data	
Sportage(SL)	2013	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sportage(SL)	2013	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sportage(SL)	2013	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sportage(SL)	2013	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sportage(SL)	2013	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sportage(SL)	2013	General Area	Power Steering	Version	
Sportage(SL)	2013	General Area	Power Steering	Read Fault Code	

model	year	area	system	function	subfunction
Sportage(SL)	2013	General Area	Power Steering	Clear Fault	
Sportage(SL)	2013	General Area	Power Steering	Read Data	
Sportage(SL)	2013	General Area	Power Steering	Special Function	EPS Type Recognition
Sportage(SL)	2013	General Area	Power Steering	Special Function	ASP Calibration(CAN)
Sportage(SL)	2013	General Area	Smart Key Unit	Version	
Sportage(SL)	2013	General Area	Smart Key Unit	Read Fault Code	
Sportage(SL)	2013	General Area	Smart Key Unit	Clear Fault	
Sportage(SL)	2013	General Area	Smart Key Unit	Read Data	
Sportage(SL)	2013	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Sportage(SL)	2013	General Area	Smart Key Unit	Actuation Test	External Buzzer
Sportage(SL)	2013	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Sportage(SL)	2013	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Sportage(SL)	2013	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Sportage(SL)	2013	General Area	Smart Key Unit	Actuation Test	FOB Holder Illumination
Sportage(SL)	2013	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Sportage(SL)	2013	General Area	Smart Key Unit	Actuation Test	ACC Relay
Sportage(SL)	2013	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Sportage(SL)	2013	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Sportage(SL)	2013	General Area	Smart Key Unit	Actuation Test	START Relay
Sportage(SL)	2013	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2013	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2013	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2013	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Sportage(SL)	2013	General Area	Smart Key Unit	Actuation Test	Driver Door Handle Antenna
Sportage(SL)	2013	General Area	Smart Key Unit	Actuation Test	Assist Door Handle Antenna
Sportage(SL)	2013	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Sportage(SL)	2013	General Area	Smart Key Unit	Special Function	Neutralization Mode
Sportage(SL)	2013	General Area	Smart Key Unit	Special Function	SMK Status Information
Sportage(SL)	2013	General Area	Smart Key Unit	Special Function	ESCL Status Information
Sportage(SL)	2013	General Area	Smart Key Unit	Special Function	FOB KEY Status Information

model	year	area	system	function	subfunction
Sportage(SL)	2013	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Sportage(SL)	2013	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Sportage(SL)	2013	General Area	Smart Key Unit	Special Function	Antenna Status Check
Sportage(SL)	2013	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Sportage(SL)	2013	General Area	SPAS(Smart Parking Assist System)	Version Information	
Sportage(SL)	2013	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Sportage(SL)	2013	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Sportage(SL)	2013	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Sportage(SL)	2013	General Area	SPAS(Smart Parking Assist System)	Actuation Test	Speaker Activation
Sportage(SL)	2013	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation
Sportage(SL)	2013	General Area	SPAS(Smart Parking Assist System)	Special Function	SPAS Variant Coding
Sportage(SL)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sportage(SL)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sportage(SL)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sportage(SL)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sportage(SL)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Sportage(SL)	2013	General Area	TCM(Transmission Control Module)	Version Information	
Sportage(SL)	2013	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(SL)	2013	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(SL)	2013	General Area	TCM(Transmission Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Sportage(SL)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sportage(SL)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sportage(SL)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sportage(SL)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sportage(SL)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sportage(SL)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sportage(SL)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sportage(SL)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sportage(SL)	2013	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sportage(SL)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sportage(SL)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sportage(SL)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sportage(SL)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sportage(SL)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sportage(SL)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sportage(SL)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sportage(SL)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Sportage(SL)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sportage(SL)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading

model	year	area	system	function	subfunction
Sportage(SL)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sportage(SL)	2012	General Area	4WD Control	Version	
Sportage(SL)	2012	General Area	4WD Control	Read Fault Code	
Sportage(SL)	2012	General Area	4WD Control	Clear Fault	
Sportage(SL)	2012	General Area	4WD Control	Read Data	
Sportage(SL)	2012	General Area	4WD Control	Actuation Test	Torque Coupling Control
Sportage(SL)	2012	General Area	4WD Control	Actuation Test	AWD/LOCK Mode Select
Sportage(SL)	2012	General Area	4WD Control	Actuation Test	4WD Lamp
Sportage(SL)	2012	General Area	4WD Control	Special Function	Clutch Learning Reset
Sportage(SL)	2012	General Area	4WD Control	Special Function	Clutch Learning Read
Sportage(SL)	2012	General Area	4WD Control	Special Function	Clutch Learning Write
Sportage(SL)	2012	General Area	AC(Air Conditioning)	Version	
Sportage(SL)	2012	General Area	AC(Air Conditioning)	Read Fault Code	
Sportage(SL)	2012	General Area	AC(Air Conditioning)	Clear Fault	
Sportage(SL)	2012	General Area	AC(Air Conditioning)	Read Data	
Sportage(SL)	2012	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sportage(SL)	2012	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sportage(SL)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sportage(SL)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sportage(SL)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sportage(SL)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sportage(SL)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sportage(SL)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sportage(SL)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sportage(SL)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sportage(SL)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sportage(SL)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sportage(SL)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent

model	year	area	system	function	subfunction
Sportage(SL)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sportage(SL)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sportage(SL)	2012	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sportage(SL)	2012	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sportage(SL)	2012	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sportage(SL)	2012	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-VENT-0%
Sportage(SL)	2012	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
Sportage(SL)	2012	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
Sportage(SL)	2012	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
Sportage(SL)	2012	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-TEMP-50%
Sportage(SL)	2012	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
Sportage(SL)	2012	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Sportage(SL)	2012	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Sportage(SL)	2012	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Sportage(SL)	2012	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Sportage(SL)	2012	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Sportage(SL)	2012	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Sportage(SL)	2012	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Sportage(SL)	2012	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Sportage(SL)	2012	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Sportage(SL)	2012	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Sportage(SL)	2012	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Version Information	

model	year	area	system	function	subfunction
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Read Fault Code	
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Clear Fault Memory	
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Read Data Stream	
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Actuation Test	Head lamp washer relay
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Relay
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay

model	year	area	system	function	subfunction
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Actuation Test	Reverse Lamp Relay
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sportage(SL)	2012	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Sportage(SL)	2012	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sportage(SL)	2012	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Version Information	
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)

model	year	area	system	function	subfunction
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main

model	year	area	system	function	subfunction
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve

model	year	area	system	function	subfunction
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters

model	year	area	system	function	subfunction
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4

model	year	area	system	function	subfunction
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay

model	year	area	system	function	subfunction
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 50%
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 78%
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 5%
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 95%
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 5%
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 76%
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 500 RPM
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 4000 RPM
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Alternator Control(Option)
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp

model	year	area	system	function	subfunction
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 5%
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 95%
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 5%
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 95%
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Starter Relay
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration

model	year	area	system	function	subfunction
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Special Function	Fuel Line Air Remove
Sportage(SL)	2012	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Sportage(SL)	2012	General Area	ESP(Electronic Stability Program)	Version Information	
Sportage(SL)	2012	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Sportage(SL)	2012	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sportage(SL)	2012	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Sportage(SL)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Sportage(SL)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Sportage(SL)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sportage(SL)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sportage(SL)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Sportage(SL)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sportage(SL)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Sportage(SL)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sportage(SL)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sportage(SL)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Sportage(SL)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Sportage(SL)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Sportage(SL)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Sportage(SL)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Sportage(SL)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Sportage(SL)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)

model	year	area	system	function	subfunction
Sportage(SL)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Sportage(SL)	2012	General Area	ESP(Electronic Stability Program)	Special Function	SAS Calibration(CAN-ESP Only)
Sportage(SL)	2012	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sportage(SL)	2012	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset
Sportage(SL)	2012	General Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor
Sportage(SL)	2012	General Area	IMMO(Immobilizer)	Read Data	
Sportage(SL)	2012	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sportage(SL)	2012	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sportage(SL)	2012	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sportage(SL)	2012	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sportage(SL)	2012	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sportage(SL)	2012	General Area	Power Steering	Version	
Sportage(SL)	2012	General Area	Power Steering	Read Fault Code	
Sportage(SL)	2012	General Area	Power Steering	Clear Fault	
Sportage(SL)	2012	General Area	Power Steering	Read Data	
Sportage(SL)	2012	General Area	Power Steering	Special Function	EPS Type Recognition
Sportage(SL)	2012	General Area	Power Steering	Special Function	ASP Calibration(CAN)
Sportage(SL)	2012	General Area	Smart Key Unit	Version	
Sportage(SL)	2012	General Area	Smart Key Unit	Read Fault Code	
Sportage(SL)	2012	General Area	Smart Key Unit	Clear Fault	
Sportage(SL)	2012	General Area	Smart Key Unit	Read Data	
Sportage(SL)	2012	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Sportage(SL)	2012	General Area	Smart Key Unit	Actuation Test	External Buzzer
Sportage(SL)	2012	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Sportage(SL)	2012	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Sportage(SL)	2012	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Sportage(SL)	2012	General Area	Smart Key Unit	Actuation Test	FOB Holder Illumination
Sportage(SL)	2012	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Sportage(SL)	2012	General Area	Smart Key Unit	Actuation Test	ACC Relay

model	year	area	system	function	subfunction
Sportage(SL)	2012	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Sportage(SL)	2012	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Sportage(SL)	2012	General Area	Smart Key Unit	Actuation Test	START Relay
Sportage(SL)	2012	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2012	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2012	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2012	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Sportage(SL)	2012	General Area	Smart Key Unit	Actuation Test	Driver Door Handle Antenna
Sportage(SL)	2012	General Area	Smart Key Unit	Actuation Test	Assist Door Handle Antenna
Sportage(SL)	2012	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Sportage(SL)	2012	General Area	Smart Key Unit	Special Function	Neutralization Mode
Sportage(SL)	2012	General Area	Smart Key Unit	Special Function	SMK Status Information
Sportage(SL)	2012	General Area	Smart Key Unit	Special Function	ESCL Status Information
Sportage(SL)	2012	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Sportage(SL)	2012	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Sportage(SL)	2012	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Sportage(SL)	2012	General Area	Smart Key Unit	Special Function	Antenna Status Check
Sportage(SL)	2012	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Sportage(SL)	2012	General Area	SPAS(Smart Parking Assist System)	Version Information	
Sportage(SL)	2012	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Sportage(SL)	2012	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Sportage(SL)	2012	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Sportage(SL)	2012	General Area	SPAS(Smart Parking Assist System)	Actuation Test	Speaker Activation
Sportage(SL)	2012	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation
Sportage(SL)	2012	General Area	SPAS(Smart Parking Assist System)	Special Function	SPAS Variant Coding

model	year	area	system	function	subfunction
Sportage(SL)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sportage(SL)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sportage(SL)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sportage(SL)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sportage(SL)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Sportage(SL)	2012	General Area	TCM(Transmission Control Module)	Version Information	
Sportage(SL)	2012	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(SL)	2012	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(SL)	2012	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(SL)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sportage(SL)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sportage(SL)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sportage(SL)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sportage(SL)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sportage(SL)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sportage(SL)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'

model	year	area	system	function	subfunction
Sportage(SL)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sportage(SL)	2012	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sportage(SL)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sportage(SL)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sportage(SL)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sportage(SL)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sportage(SL)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sportage(SL)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sportage(SL)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sportage(SL)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Sportage(SL)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sportage(SL)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sportage(SL)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sportage(SL)	2011	General Area	4WD Control	Version	
Sportage(SL)	2011	General Area	4WD Control	Read Fault Code	
Sportage(SL)	2011	General Area	4WD Control	Clear Fault	
Sportage(SL)	2011	General Area	4WD Control	Read Data	
Sportage(SL)	2011	General Area	4WD Control	Actuation Test	Torque Coupling Control
Sportage(SL)	2011	General Area	4WD Control	Actuation Test	AWD/LOCK Mode Select
Sportage(SL)	2011	General Area	4WD Control	Actuation Test	4WD Lamp
Sportage(SL)	2011	General Area	4WD Control	Special Function	Clutch Learning Reset
Sportage(SL)	2011	General Area	4WD Control	Special Function	Clutch Learning Read
Sportage(SL)	2011	General Area	4WD Control	Special Function	Clutch Learning Write
Sportage(SL)	2011	General Area	AC(Air Conditioning)	Version	
Sportage(SL)	2011	General Area	AC(Air Conditioning)	Read Fault Code	
Sportage(SL)	2011	General Area	AC(Air Conditioning)	Clear Fault	
Sportage(SL)	2011	General Area	AC(Air Conditioning)	Read Data	

model	year	area	system	function	subfunction
Sportage(SL)	2011	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sportage(SL)	2011	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sportage(SL)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sportage(SL)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sportage(SL)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sportage(SL)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sportage(SL)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sportage(SL)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sportage(SL)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sportage(SL)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sportage(SL)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sportage(SL)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sportage(SL)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sportage(SL)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sportage(SL)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sportage(SL)	2011	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sportage(SL)	2011	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sportage(SL)	2011	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sportage(SL)	2011	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-VENT-0%
Sportage(SL)	2011	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
Sportage(SL)	2011	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
Sportage(SL)	2011	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
Sportage(SL)	2011	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-TEMP-50%

model	year	area	system	function	subfunction
Sportage(SL)	2011	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
Sportage(SL)	2011	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Sportage(SL)	2011	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Sportage(SL)	2011	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Sportage(SL)	2011	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Sportage(SL)	2011	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Sportage(SL)	2011	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Sportage(SL)	2011	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Sportage(SL)	2011	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Sportage(SL)	2011	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Sportage(SL)	2011	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Sportage(SL)	2011	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Version Information	
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Read Fault Code	
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Clear Fault Memory	
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Read Data Stream	
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Actuation Test	Head lamp washer relay
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)

model	year	area	system	function	subfunction
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Relay
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Actuation Test	Reverse Lamp Relay
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay

model	year	area	system	function	subfunction
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sportage(SL)	2011	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Sportage(SL)	2011	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sportage(SL)	2011	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Version Information	
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)

model	year	area	system	function	subfunction
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump

model	year	area	system	function	subfunction
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6

model	year	area	system	function	subfunction
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1

model	year	area	system	function	subfunction
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 50%
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 78%

model	year	area	system	function	subfunction
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 5%
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 95%
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 5%
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 76%
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 500 RPM
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 4000 RPM
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Alternator Control(Option)
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 5%
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 95%
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 5%

model	year	area	system	function	subfunction
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 95%
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Starter Relay
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Special Function	Fuel Line Air Remove
Sportage(SL)	2011	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Sportage(SL)	2011	General Area	ESP(Electronic Stability Program)	Version Information	
Sportage(SL)	2011	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Sportage(SL)	2011	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sportage(SL)	2011	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Sportage(SL)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor

model	year	area	system	function	subfunction
Sportage(SL)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Sportage(SL)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sportage(SL)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sportage(SL)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Sportage(SL)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sportage(SL)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Sportage(SL)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sportage(SL)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sportage(SL)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Sportage(SL)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Sportage(SL)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Sportage(SL)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Sportage(SL)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Sportage(SL)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Sportage(SL)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Sportage(SL)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Sportage(SL)	2011	General Area	ESP(Electronic Stability Program)	Special Function	SAS Calibration(CAN-ESP Only)
Sportage(SL)	2011	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sportage(SL)	2011	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset
Sportage(SL)	2011	General Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor
Sportage(SL)	2011	General Area	IMMO(Immobilizer)	Read Data	

model	year	area	system	function	subfunction
Sportage(SL)	2011	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sportage(SL)	2011	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sportage(SL)	2011	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sportage(SL)	2011	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sportage(SL)	2011	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sportage(SL)	2011	General Area	Power Steering	Version	
Sportage(SL)	2011	General Area	Power Steering	Read Fault Code	
Sportage(SL)	2011	General Area	Power Steering	Clear Fault	
Sportage(SL)	2011	General Area	Power Steering	Read Data	
Sportage(SL)	2011	General Area	Smart Key Unit	Version	
Sportage(SL)	2011	General Area	Smart Key Unit	Read Fault Code	
Sportage(SL)	2011	General Area	Smart Key Unit	Clear Fault	
Sportage(SL)	2011	General Area	Smart Key Unit	Read Data	
Sportage(SL)	2011	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Sportage(SL)	2011	General Area	Smart Key Unit	Actuation Test	External Buzzer
Sportage(SL)	2011	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Sportage(SL)	2011	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Sportage(SL)	2011	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Sportage(SL)	2011	General Area	Smart Key Unit	Actuation Test	FOB Holder Illumination
Sportage(SL)	2011	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Sportage(SL)	2011	General Area	Smart Key Unit	Actuation Test	ACC Relay
Sportage(SL)	2011	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Sportage(SL)	2011	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Sportage(SL)	2011	General Area	Smart Key Unit	Actuation Test	START Relay
Sportage(SL)	2011	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2011	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2011	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2011	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Sportage(SL)	2011	General Area	Smart Key Unit	Actuation Test	Driver Door Handle Antenna
Sportage(SL)	2011	General Area	Smart Key Unit	Actuation Test	Assist Door Handle Antenna
Sportage(SL)	2011	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Sportage(SL)	2011	General Area	Smart Key Unit	Special Function	Neutralization Mode

model	year	area	system	function	subfunction
Sportage(SL)	2011	General Area	Smart Key Unit	Special Function	SMK Status Information
Sportage(SL)	2011	General Area	Smart Key Unit	Special Function	ESCL Status Information
Sportage(SL)	2011	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Sportage(SL)	2011	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Sportage(SL)	2011	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Sportage(SL)	2011	General Area	Smart Key Unit	Special Function	Antenna Status Check
Sportage(SL)	2011	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Sportage(SL)	2011	General Area	SPAS(Smart Parking Assist System)	Version Information	
Sportage(SL)	2011	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Sportage(SL)	2011	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Sportage(SL)	2011	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Sportage(SL)	2011	General Area	SPAS(Smart Parking Assist System)	Actuation Test	Speaker Activation
Sportage(SL)	2011	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation
Sportage(SL)	2011	General Area	SPAS(Smart Parking Assist System)	Special Function	SPAS Variant Coding
Sportage(SL)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sportage(SL)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sportage(SL)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sportage(SL)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sportage(SL)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Sportage(SL)	2011	General Area	TCM(Transmission Control Module)	Version Information	

model	year	area	system	function	subfunction
Sportage(SL)	2011	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(SL)	2011	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(SL)	2011	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(SL)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sportage(SL)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sportage(SL)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sportage(SL)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sportage(SL)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sportage(SL)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sportage(SL)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sportage(SL)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sportage(SL)	2011	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sportage(SL)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sportage(SL)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sportage(SL)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sportage(SL)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sportage(SL)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sportage(SL)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sportage(SL)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN

model	year	area	system	function	subfunction
Sportage(SL)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Sportage(SL)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sportage(SL)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sportage(SL)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sportage(SLE	2016	General Area	AC(Air Conditioning)	Version	
Sportage(SLE	2016	General Area	AC(Air Conditioning)	Read Fault Code	
Sportage(SLE	2016	General Area	AC(Air Conditioning)	Clear Fault	
Sportage(SLE	2016	General Area	AC(Air Conditioning)	Read Data	
Sportage(SLE	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sportage(SLE	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sportage(SLE)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sportage(SLE)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sportage(SLE)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sportage(SLE)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sportage(SLE)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sportage(SLE)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sportage(SLE)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sportage(SLE)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sportage(SLE)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sportage(SLE)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sportage(SLE)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sportage(SLE)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sportage(SLE)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sportage(SLE)	2016	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sportage(SLE)	2016	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sportage(SLE	2016	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode

model	year	area	system	function	subfunction
Sportage(SLE)	2016	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sportage(SLE)	2016	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Sportage(SLE)	2016	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Sportage(SLE)	2016	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Sportage(SLE)	2016	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Sportage(SLE)	2016	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Sportage(SLE)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-VENT-0%
Sportage(SLE)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
Sportage(SLE)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
Sportage(SLE)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
Sportage(SLE)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-TEMP-50%
Sportage(SLE)	2016	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
Sportage(SLE)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Sportage(SLE)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Sportage(SLE)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Sportage(SLE)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Sportage(SLE)	2016	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Version Information	
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Read Fault Code	
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Clear Fault Memory	
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Read Data Stream	
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head lamp washer relay

model	year	area	system	function	subfunction
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Relay
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Actuation Test	Reverse Lamp Relay

model	year	area	system	function	subfunction
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sportage(SLE)	2016	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Sportage(SLE)	2016	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sportage(SLE)	2016	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sportage(SLE	2016	General Area	Driveshaft	Version	
Sportage(SLE	2016	General Area	Driveshaft	Read Fault Code	
Sportage(SLE	2016	General Area	Driveshaft	Clear Fault	
Sportage(SLE	2016	General Area	Driveshaft	Read Data	
Sportage(SLE)	2016	General Area	Driveshaft	Actuation Test	Torque Coupling Control
Sportage(SLE)	2016	General Area	Driveshaft	Actuation Test	AWD/LOCK Mode Select
Sportage(SLE	2016	General Area	Driveshaft	Actuation Test	4WD Lamp
Sportage(SLE)	2016	General Area	Driveshaft	Special Function	Clutch Learning Reset
Sportage(SLE)	2016	General Area	Driveshaft	Special Function	Clutch Learning Read
Sportage(SLE)	2016	General Area	Driveshaft	Special Function	Clutch Learning Write
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Version Information	
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp

model	year	area	system	function	subfunction
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)

model	year	area	system	function	subfunction
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor

model	year	area	system	function	subfunction
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)

model	year	area	system	function	subfunction
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Electrical Water Heater
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PTC Relay
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Main Water Pump
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #1 Actuation
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #2 Actuation
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #3 Actuation
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #4 Actuation
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Relay
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GRU(Glow Relay Unit)15%Duty
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 10%
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 90%
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 10%
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 90%
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 10%
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 90%
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 5%
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 95%

model	year	area	system	function	subfunction
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed PWM Output
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 5%
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 95%
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 5%
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 95%
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 5%
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 95%
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control Actuator(2000
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sportage(SLE)	2016	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Sportage(SLE)	2016	General Area	ESP(Electronic Stability Program)	Version Information	
Sportage(SLE)	2016	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Sportage(SLE)	2016	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	

model	year	area	system	function	subfunction
Sportage(SLE)	2016	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Sportage(SLE)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Sportage(SLE)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Sportage(SLE)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sportage(SLE)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sportage(SLE)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Sportage(SLE)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sportage(SLE)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Sportage(SLE)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sportage(SLE)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sportage(SLE)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Sportage(SLE)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Sportage(SLE)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Sportage(SLE)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Sportage(SLE)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Sportage(SLE)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Sportage(SLE)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Sportage(SLE)	2016	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Sportage(SLE)	2016	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Sportage(SLE)	2016	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode

model	year	area	system	function	subfunction
Sportage(SLE)	2016	General Area	ESP(Electronic Stability Program)	Special Function	SAS Calibration(CAN-ESP Only)
Sportage(SLE)	2016	General Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Sportage(SLE)	2016	General Area	ESP(Electronic Stability Program)	Special Function	Variant Coding
Sportage(SLE	2016	General Area	IMMO(Immobilizer)	Read Data	
Sportage(SLE)	2016	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sportage(SLE	2016	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sportage(SLE	2016	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sportage(SLE)	2016	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sportage(SLE	2016	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sportage(SLE	2016	General Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Sportage(SLE)	2016	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Sportage(SLE)	2016	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Sportage(SLE)	2016	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Sportage(SLE)	2016	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Sportage(SLE)	2016	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Sportage(SLE)	2016	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration(CAN)
Sportage(SLE	2016	General Area	Smart Key Unit	Version	
Sportage(SLE	2016	General Area	Smart Key Unit	Read Fault Code	
Sportage(SLE	2016	General Area	Smart Key Unit	Clear Fault	
Sportage(SLE	2016	General Area	Smart Key Unit	Read Data	
Sportage(SLE	2016	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Sportage(SLE	2016	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Sportage(SLE	2016	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Sportage(SLE	2016	General Area	Smart Key Unit	Actuation Test	SSB LED White
Sportage(SLE)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Sportage(SLE)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Sportage(SLE)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Sportage(SLE	2016	General Area	Smart Key Unit	Actuation Test	ACC Relay
Sportage(SLE	2016	General Area	Smart Key Unit	Actuation Test	IGN1 Relay

model	year	area	system	function	subfunction
Sportage(SLE	2016	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Sportage(SLE	2016	General Area	Smart Key Unit	Actuation Test	Starter Relay
Sportage(SLE	2016	General Area	Smart Key Unit	Actuation Test	External Buzzer
Sportage(SLE	2016	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Sportage(SLE)	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Sportage(SLE)	2016	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Sportage(SLE	2016	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Sportage(SLE	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SLE	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SLE	2016	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Sportage(SLE	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SLE)	2016	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Sportage(SLE)	2016	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Sportage(SLE)	2016	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Sportage(SLE)	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Sportage(SLE)	2016	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Sportage(SLE)	2016	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Sportage(SLE)	2016	General Area	Smart Key Unit	Special Function	Neutralization Mode
Sportage(SLE)	2016	General Area	Smart Key Unit	Special Function	SMK Status Information
Sportage(SLE)	2016	General Area	Smart Key Unit	Special Function	ESCL Status Information
Sportage(SLE)	2016	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Sportage(SLE)	2016	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Sportage(SLE)	2016	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Sportage(SLE)	2016	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Sportage(SLE)	2016	General Area	Smart Key Unit	Special Function	Antenna Status Check
Sportage(SLE)	2016	General Area	SPAS(Smart Parking Assist System)	Version Information	
Sportage(SLE)	2016	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	

model	year	area	system	function	subfunction
Sportage(SLE)	2016	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Sportage(SLE)	2016	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Sportage(SLE)	2016	General Area	SPAS(Smart Parking Assist System)	Actuation Test	Speaker Activation
Sportage(SLE)	2016	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation
Sportage(SLE)	2016	General Area	SPAS(Smart Parking Assist System)	Special Function	SPAS Variant Coding
Sportage(SLE)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sportage(SLE)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sportage(SLE)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sportage(SLE)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sportage(SLE)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Sportage(SLE)	2016	General Area	TCM(Transmission Control Module)	Version Information	
Sportage(SLE)	2016	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(SLE)	2016	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(SLE)	2016	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(SLE)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sportage(SLE)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sportage(SLE)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sportage(SLE)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)

model	year	area	system	function	subfunction
Sportage(SLE)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sportage(SLE)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sportage(SLE)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sportage(SLE)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sportage(SLE)	2016	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sportage(SLE)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sportage(SLE)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sportage(SLE)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sportage(SLE)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sportage(SLE)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sportage(SLE)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sportage(SLE)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sportage(SLE)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Sportage(SLE)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sportage(SLE)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sportage(SLE)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sportage(SLE	2015	General Area	AC(Air Conditioning)	Version	
Sportage(SLE	2015	General Area	AC(Air Conditioning)	Read Fault Code	
Sportage(SLE	2015	General Area	AC(Air Conditioning)	Clear Fault	
Sportage(SLE	2015	General Area	AC(Air Conditioning)	Read Data	
Sportage(SLE	2015	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sportage(SLE	2015	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sportage(SLE)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sportage(SLE)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low

model	year	area	system	function	subfunction
Sportage(SLE)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sportage(SLE)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sportage(SLE)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sportage(SLE)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sportage(SLE)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sportage(SLE)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sportage(SLE)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sportage(SLE)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sportage(SLE)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sportage(SLE)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sportage(SLE)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sportage(SLE)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sportage(SLE)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sportage(SLE)	2015	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sportage(SLE)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-VENT-0%
Sportage(SLE)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
Sportage(SLE)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
Sportage(SLE)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
Sportage(SLE)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-TEMP-50%
Sportage(SLE)	2015	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
Sportage(SLE)	2015	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Sportage(SLE)	2015	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%

model	year	area	system	function	subfunction
Sportage(SLE)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Sportage(SLE)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Sportage(SLE	2015	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Sportage(SLE)	2015	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Sportage(SLE)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Sportage(SLE)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Sportage(SLE)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Sportage(SLE)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Sportage(SLE)	2015	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Version Information	
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Read Fault Code	
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Clear Fault Memory	
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Read Data Stream	
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head lamp washer relay
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Actuation Test	AV Tail

model	year	area	system	function	subfunction
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Relay
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Actuation Test	Reverse Lamp Relay
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay

model	year	area	system	function	subfunction
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sportage(SLE)	2015	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Sportage(SLE)	2015	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sportage(SLE)	2015	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sportage(SLE	2015	General Area	Driveshaft	Version	
Sportage(SLE	2015	General Area	Driveshaft	Read Fault Code	
Sportage(SLE	2015	General Area	Driveshaft	Clear Fault	
Sportage(SLE	2015	General Area	Driveshaft	Read Data	
Sportage(SLE)	2015	General Area	Driveshaft	Actuation Test	Torque Coupling Control
Sportage(SLE)	2015	General Area	Driveshaft	Actuation Test	AWD/LOCK Mode Select
Sportage(SLE	2015	General Area	Driveshaft	Actuation Test	4WD Lamp
Sportage(SLE)	2015	General Area	Driveshaft	Special Function	Clutch Learning Reset
Sportage(SLE)	2015	General Area	Driveshaft	Special Function	Clutch Learning Read
Sportage(SLE)	2015	General Area	Driveshaft	Special Function	Clutch Learning Write
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Version Information	
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High

model	year	area	system	function	subfunction
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G

model	year	area	system	function	subfunction
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd

model	year	area	system	function	subfunction
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2

model	year	area	system	function	subfunction
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Electrical Water Heater
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	PTC Relay
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Main Water Pump
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector #1 Actuation
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector #2 Actuation
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector #3 Actuation

model	year	area	system	function	subfunction
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector #4 Actuation
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Relay
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	GRU(Glow Relay Unit)15%Duty
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 10%
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 90%
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 10%
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 90%
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 10%
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 90%
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 5%
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 95%
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed PWM Output
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 5%
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 95%
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 5%
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 95%
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 5%
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 95%
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control

model	year	area	system	function	subfunction
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control Actuator(2000
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sportage(SLE)	2015	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Sportage(SLE)	2015	General Area	ESP(Electronic Stability Program)	Version Information	
Sportage(SLE)	2015	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Sportage(SLE)	2015	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sportage(SLE)	2015	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Sportage(SLE)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Sportage(SLE)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Sportage(SLE)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sportage(SLE)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sportage(SLE)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Sportage(SLE)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sportage(SLE)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front

model	year	area	system	function	subfunction
Sportage(SLE)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sportage(SLE)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sportage(SLE)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Sportage(SLE)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Sportage(SLE)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Sportage(SLE)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Sportage(SLE)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Sportage(SLE)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Sportage(SLE)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Sportage(SLE)	2015	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Sportage(SLE)	2015	General Area	ESP(Electronic Stability Program)	Special Function	SAS Calibration(CAN-ESP Only)
Sportage(SLE)	2015	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sportage(SLE)	2015	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset
Sportage(SLE)	2015	General Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor
Sportage(SLE)	2015	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Sportage(SLE)	2015	General Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Sportage(SLE)	2015	General Area	ESP(Electronic Stability Program)	Special Function	Variant Coding
Sportage(SLE	2015	General Area	IMMO(Immobilizer)	Read Data	
Sportage(SLE)	2015	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sportage(SLE	2015	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode

model	year	area	system	function	subfunction
Sportage(SLE	2015	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sportage(SLE)	2015	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sportage(SLE	2015	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sportage(SLE	2015	General Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Sportage(SLE)	2015	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Sportage(SLE)	2015	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Sportage(SLE)	2015	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Sportage(SLE)	2015	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Sportage(SLE)	2015	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Sportage(SLE)	2015	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration(CAN)
Sportage(SLE	2015	General Area	Smart Key Unit	Version	
Sportage(SLE	2015	General Area	Smart Key Unit	Read Fault Code	
Sportage(SLE	2015	General Area	Smart Key Unit	Clear Fault	
Sportage(SLE	2015	General Area	Smart Key Unit	Read Data	
Sportage(SLE)	2015	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Sportage(SLE	2015	General Area	Smart Key Unit	Actuation Test	External Buzzer
Sportage(SLE)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Sportage(SLE)	2015	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Sportage(SLE)	2015	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Sportage(SLE)	2015	General Area	Smart Key Unit	Actuation Test	FOB Holder Illumination
Sportage(SLE)	2015	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Sportage(SLE	2015	General Area	Smart Key Unit	Actuation Test	ACC Relay
Sportage(SLE	2015	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Sportage(SLE	2015	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Sportage(SLE	2015	General Area	Smart Key Unit	Actuation Test	START Relay
Sportage(SLE	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SLE	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SLE	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SLE)	2015	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Sportage(SLE)	2015	General Area	Smart Key Unit	Actuation Test	Driver Door Handle Antenna

model	year	area	system	function	subfunction
Sportage(SLE)	2015	General Area	Smart Key Unit	Actuation Test	Assist Door Handle Antenna
Sportage(SLE	2015	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Sportage(SLE	2015	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Sportage(SLE	2015	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Sportage(SLE	2015	General Area	Smart Key Unit	Actuation Test	SSB LED White
Sportage(SLE)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Sportage(SLE)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Sportage(SLE	2015	General Area	Smart Key Unit	Actuation Test	Starter Relay
Sportage(SLE	2015	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Sportage(SLE)	2015	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Sportage(SLE	2015	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Sportage(SLE	2015	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Sportage(SLE)	2015	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Sportage(SLE)	2015	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Sportage(SLE)	2015	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Sportage(SLE)	2015	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Sportage(SLE)	2015	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Sportage(SLE)	2015	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Sportage(SLE)	2015	General Area	Smart Key Unit	Special Function	Neutralization Mode
Sportage(SLE)	2015	General Area	Smart Key Unit	Special Function	SMK Status Information
Sportage(SLE)	2015	General Area	Smart Key Unit	Special Function	ESCL Status Information
Sportage(SLE)	2015	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Sportage(SLE)	2015	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Sportage(SLE)	2015	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Sportage(SLE)	2015	General Area	Smart Key Unit	Special Function	Antenna Status Check
Sportage(SLE)	2015	General Area	Smart Key Unit	Special Function	ESCL Open Status Check

model	year	area	system	function	subfunction
Sportage(SLE)	2015	General Area	SPAS(Smart Parking Assist System)	Version Information	
Sportage(SLE)	2015	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Sportage(SLE)	2015	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Sportage(SLE)	2015	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Sportage(SLE)	2015	General Area	SPAS(Smart Parking Assist System)	Actuation Test	Speaker Activation
Sportage(SLE)	2015	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation
Sportage(SLE)	2015	General Area	SPAS(Smart Parking Assist System)	Special Function	SPAS Variant Coding
Sportage(SLE)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sportage(SLE)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sportage(SLE)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sportage(SLE)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sportage(SLE)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Sportage(SLE)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Sportage(SLE)	2015	General Area	TCM(Transmission Control Module)	Version Information	
Sportage(SLE)	2015	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(SLE)	2015	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(SLE)	2015	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(SLE)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sportage(SLE)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)

model	year	area	system	function	subfunction
Sportage(SLE)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sportage(SLE)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sportage(SLE)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sportage(SLE)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sportage(SLE)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sportage(SLE)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sportage(SLE)	2015	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sportage(SLE)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sportage(SLE)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sportage(SLE)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sportage(SLE)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sportage(SLE)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sportage(SLE)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sportage(SLE)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sportage(SLE)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Sportage(SLE)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sportage(SLE)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sportage(SLE)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sportage(SLE	2014	General Area	4WD Control	Version	
Sportage(SLE	2014	General Area	4WD Control	Read Fault Code	
Sportage(SLE	2014	General Area	4WD Control	Clear Fault	
Sportage(SLE	2014	General Area	4WD Control	Read Data	

model	year	area	system	function	subfunction
Sportage(SLE)	2014	General Area	4WD Control	Actuation Test	Torque Coupling Control
Sportage(SLE)	2014	General Area	4WD Control	Actuation Test	AWD/LOCK Mode Select
Sportage(SLE	2014	General Area	4WD Control	Actuation Test	4WD Lamp
Sportage(SLE)	2014	General Area	4WD Control	Special Function	Clutch Learning Reset
Sportage(SLE)	2014	General Area	4WD Control	Special Function	Clutch Learning Read
Sportage(SLE)	2014	General Area	4WD Control	Special Function	Clutch Learning Write
Sportage(SLE	2014	General Area	AC(Air Conditioning)	Version	
Sportage(SLE	2014	General Area	AC(Air Conditioning)	Read Fault Code	
Sportage(SLE	2014	General Area	AC(Air Conditioning)	Clear Fault	
Sportage(SLE	2014	General Area	AC(Air Conditioning)	Read Data	
Sportage(SLE	2014	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sportage(SLE	2014	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sportage(SLE)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sportage(SLE)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sportage(SLE)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sportage(SLE)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sportage(SLE)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sportage(SLE)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sportage(SLE)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sportage(SLE)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sportage(SLE)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sportage(SLE)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sportage(SLE)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sportage(SLE)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sportage(SLE)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sportage(SLE)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh

model	year	area	system	function	subfunction
Sportage(SLE)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sportage(SLE)	2014	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sportage(SLE)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-VENT-0%
Sportage(SLE)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
Sportage(SLE)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
Sportage(SLE)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
Sportage(SLE)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-TEMP-50%
Sportage(SLE)	2014	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
Sportage(SLE)	2014	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Sportage(SLE)	2014	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Sportage(SLE)	2014	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Sportage(SLE)	2014	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Sportage(SLE	2014	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Sportage(SLE)	2014	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Sportage(SLE)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Sportage(SLE)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Sportage(SLE)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Sportage(SLE)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Sportage(SLE)	2014	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Version Information	
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Read Fault Code	
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Clear Fault Memory	
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Actuation Test	Reverse Lamp Relay
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head lamp washer relay
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp

model	year	area	system	function	subfunction
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Relay
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output
Sportage(SLE)	2014	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Sportage(SLE)	2014	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sportage(SLE)	2014	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Version Information	
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)

model	year	area	system	function	subfunction
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G

model	year	area	system	function	subfunction
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)

model	year	area	system	function	subfunction
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2

model	year	area	system	function	subfunction
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected

model	year	area	system	function	subfunction
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 15%
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 500 RPM
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 4000 RPM
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Alternator Control(Option)
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 5%
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 95%
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 5%
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 95%
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay(M/T Only)
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 5%

model	year	area	system	function	subfunction
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 95%
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 5%
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 76%
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 5%
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 95%
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 5%
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 95%
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Starter Relay
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Special Function	ECU Tuning Data Confirm

model	year	area	system	function	subfunction
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Special Function	Fuel Line Air Remove
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Special Function	Essential Work After Component Replacement
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Sportage(SLE)	2014	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Sportage(SLE)	2014	General Area	ESP(Electronic Stability Program)	Version Information	
Sportage(SLE)	2014	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Sportage(SLE)	2014	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sportage(SLE)	2014	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Sportage(SLE)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Sportage(SLE)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Sportage(SLE)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sportage(SLE)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sportage(SLE)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Sportage(SLE)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sportage(SLE)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Sportage(SLE)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sportage(SLE)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sportage(SLE)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Sportage(SLE)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Sportage(SLE)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Sportage(SLE)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)

model	year	area	system	function	subfunction
Sportage(SLE)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Sportage(SLE)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Sportage(SLE)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Sportage(SLE)	2014	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Sportage(SLE)	2014	General Area	ESP(Electronic Stability Program)	Special Function	SAS Calibration(CAN-ESP Only)
Sportage(SLE)	2014	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sportage(SLE)	2014	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset
Sportage(SLE)	2014	General Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor
Sportage(SLE)	2014	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Sportage(SLE)	2014	General Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Sportage(SLE)	2014	General Area	ESP(Electronic Stability Program)	Special Function	Variant Coding
Sportage(SLE	2014	General Area	IMMO(Immobilizer)	Read Data	
Sportage(SLE)	2014	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sportage(SLE	2014	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sportage(SLE	2014	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sportage(SLE)	2014	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sportage(SLE	2014	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sportage(SLE	2014	General Area	Power Steering	Version	
Sportage(SLE	2014	General Area	Power Steering	Read Fault Code	
Sportage(SLE	2014	General Area	Power Steering	Clear Fault	
Sportage(SLE	2014	General Area	Power Steering	Read Data	
Sportage(SLE)	2014	General Area	Power Steering	Special Function	EPS Type Recognition
Sportage(SLE)	2014	General Area	Power Steering	Special Function	ASP Calibration(CAN)

model	year	area	system	function	subfunction
Sportage(SLE	2014	General Area	Smart Key Unit	Version	
Sportage(SLE	2014	General Area	Smart Key Unit	Read Fault Code	
Sportage(SLE	2014	General Area	Smart Key Unit	Clear Fault	
Sportage(SLE	2014	General Area	Smart Key Unit	Read Data	
Sportage(SLE)	2014	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Sportage(SLE	2014	General Area	Smart Key Unit	Actuation Test	External Buzzer
Sportage(SLE)	2014	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Sportage(SLE)	2014	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Sportage(SLE)	2014	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Sportage(SLE)	2014	General Area	Smart Key Unit	Actuation Test	FOB Holder Illumination
Sportage(SLE)	2014	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Sportage(SLE	2014	General Area	Smart Key Unit	Actuation Test	ACC Relay
Sportage(SLE	2014	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Sportage(SLE	2014	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Sportage(SLE	2014	General Area	Smart Key Unit	Actuation Test	START Relay
Sportage(SLE	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SLE	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SLE	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SLE)	2014	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Sportage(SLE)	2014	General Area	Smart Key Unit	Actuation Test	Driver Door Handle Antenna
Sportage(SLE)	2014	General Area	Smart Key Unit	Actuation Test	Assist Door Handle Antenna
Sportage(SLE	2014	General Area	Smart Key Unit	Actuation Test	SSB Illumination
Sportage(SLE	2014	General Area	Smart Key Unit	Actuation Test	SSB LED Amber
Sportage(SLE	2014	General Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Sportage(SLE	2014	General Area	Smart Key Unit	Actuation Test	SSB LED White
Sportage(SLE)	2014	General Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Sportage(SLE)	2014	General Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Sportage(SLE	2014	General Area	Smart Key Unit	Actuation Test	Starter Relay
Sportage(SLE	2014	General Area	Smart Key Unit	Actuation Test	Key Out Indicator
Sportage(SLE)	2014	General Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Sportage(SLE	2014	General Area	Smart Key Unit	Actuation Test	SSB LED OFF
Sportage(SLE	2014	General Area	Smart Key Unit	Actuation Test	Trunk Antenna
Sportage(SLE)	2014	General Area	Smart Key Unit	Actuation Test	Bumper Antenna Active

model	year	area	system	function	subfunction
Sportage(SLE)	2014	General Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Sportage(SLE)	2014	General Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Sportage(SLE)	2014	General Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Sportage(SLE)	2014	General Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Sportage(SLE)	2014	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Sportage(SLE)	2014	General Area	Smart Key Unit	Special Function	Neutralization Mode
Sportage(SLE)	2014	General Area	Smart Key Unit	Special Function	SMK Status Information
Sportage(SLE)	2014	General Area	Smart Key Unit	Special Function	ESCL Status Information
Sportage(SLE)	2014	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Sportage(SLE)	2014	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Sportage(SLE)	2014	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Sportage(SLE)	2014	General Area	Smart Key Unit	Special Function	Antenna Status Check
Sportage(SLE)	2014	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Sportage(SLE)	2014	General Area	SPAS(Smart Parking Assist System)	Version Information	
Sportage(SLE)	2014	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Sportage(SLE)	2014	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Sportage(SLE)	2014	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Sportage(SLE)	2014	General Area	SPAS(Smart Parking Assist System)	Actuation Test	Speaker Activation
Sportage(SLE)	2014	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation
Sportage(SLE)	2014	General Area	SPAS(Smart Parking Assist System)	Special Function	SPAS Variant Coding
Sportage(SLE)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	

model	year	area	system	function	subfunction
Sportage(SLE)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sportage(SLE)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sportage(SLE)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sportage(SLE)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Sportage(SLE)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Sportage(SLE)	2014	General Area	TCM(Transmission Control Module)	Version Information	
Sportage(SLE)	2014	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(SLE)	2014	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(SLE)	2014	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(SLE)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sportage(SLE)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sportage(SLE)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sportage(SLE)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sportage(SLE)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sportage(SLE)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sportage(SLE)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'

model	year	area	system	function	subfunction
Sportage(SLE)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sportage(SLE)	2014	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sportage(SLE)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sportage(SLE)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sportage(SLE)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sportage(SLE)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sportage(SLE)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sportage(SLE)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sportage(SLE)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sportage(SLE)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Sportage(SLE)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sportage(SLE)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sportage(SLE)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sportage(SLE	2013	General Area	4WD Control	Version	
Sportage(SLE	2013	General Area	4WD Control	Read Fault Code	
Sportage(SLE	2013	General Area	4WD Control	Clear Fault	
Sportage(SLE	2013	General Area	4WD Control	Read Data	
Sportage(SLE)	2013	General Area	4WD Control	Actuation Test	Torque Coupling Control
Sportage(SLE)	2013	General Area	4WD Control	Actuation Test	AWD/LOCK Mode Select
Sportage(SLE	2013	General Area	4WD Control	Actuation Test	4WD Lamp
Sportage(SLE)	2013	General Area	4WD Control	Special Function	Clutch Learning Reset
Sportage(SLE)	2013	General Area	4WD Control	Special Function	Clutch Learning Read
Sportage(SLE)	2013	General Area	4WD Control	Special Function	Clutch Learning Write
Sportage(SLE	2013	General Area	AC(Air Conditioning)	Version	
Sportage(SLE	2013	General Area	AC(Air Conditioning)	Read Fault Code	
Sportage(SLE	2013	General Area	AC(Air Conditioning)	Clear Fault	
Sportage(SLE	2013	General Area	AC(Air Conditioning)	Read Data	

model	year	area	system	function	subfunction
Sportage(SLE	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sportage(SLE	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sportage(SLE)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sportage(SLE)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sportage(SLE)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sportage(SLE)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sportage(SLE)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sportage(SLE)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sportage(SLE)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sportage(SLE)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sportage(SLE)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sportage(SLE)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sportage(SLE)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sportage(SLE)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sportage(SLE)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sportage(SLE)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sportage(SLE)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sportage(SLE)	2013	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sportage(SLE)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-VENT-0%
Sportage(SLE)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
Sportage(SLE)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
Sportage(SLE)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
Sportage(SLE)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-TEMP-50%

model	year	area	system	function	subfunction
Sportage(SLE)	2013	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
Sportage(SLE)	2013	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Sportage(SLE)	2013	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Sportage(SLE)	2013	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Sportage(SLE)	2013	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Sportage(SLE	2013	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Sportage(SLE)	2013	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Sportage(SLE)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Sportage(SLE)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Sportage(SLE)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Sportage(SLE)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Sportage(SLE)	2013	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Version Information	
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Read Fault Code	
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Clear Fault Memory	
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Read Data Stream	
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Actuation Test	Reverse Lamp Relay
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay

model	year	area	system	function	subfunction
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head lamp washer relay
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer

model	year	area	system	function	subfunction
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Relay
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output
Sportage(SLE)	2013	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Sportage(SLE)	2013	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sportage(SLE)	2013	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Version Information	
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)

model	year	area	system	function	subfunction
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump

model	year	area	system	function	subfunction
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6

model	year	area	system	function	subfunction
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1

model	year	area	system	function	subfunction
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 50%
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 78%

model	year	area	system	function	subfunction
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 5%
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 95%
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 5%
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 76%
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 500 RPM
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 4000 RPM
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 5%
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 95%
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 5%
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 95%

model	year	area	system	function	subfunction
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Starter Relay
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Special Function	Fuel Line Air Remove
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Sportage(SLE)	2013	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Sportage(SLE)	2013	General Area	ESP(Electronic Stability Program)	Version Information	
Sportage(SLE)	2013	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Sportage(SLE)	2013	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sportage(SLE)	2013	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Sportage(SLE)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Sportage(SLE)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front

model	year	area	system	function	subfunction
Sportage(SLE)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sportage(SLE)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sportage(SLE)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Sportage(SLE)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sportage(SLE)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Sportage(SLE)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sportage(SLE)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sportage(SLE)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Sportage(SLE)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Sportage(SLE)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Sportage(SLE)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Sportage(SLE)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Sportage(SLE)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Sportage(SLE)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Sportage(SLE)	2013	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Sportage(SLE)	2013	General Area	ESP(Electronic Stability Program)	Special Function	SAS Calibration(CAN-ESP Only)
Sportage(SLE)	2013	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sportage(SLE)	2013	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset
Sportage(SLE)	2013	General Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor
Sportage(SLE	2013	General Area	IMMO(Immobilizer)	Read Data	
Sportage(SLE)	2013	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sportage(SLE	2013	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode

model	year	area	system	function	subfunction
Sportage(SLE	2013	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sportage(SLE)	2013	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sportage(SLE	2013	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sportage(SLE	2013	General Area	Power Steering	Version	
Sportage(SLE	2013	General Area	Power Steering	Read Fault Code	
Sportage(SLE	2013	General Area	Power Steering	Clear Fault	
Sportage(SLE	2013	General Area	Power Steering	Read Data	
Sportage(SLE)	2013	General Area	Power Steering	Special Function	EPS Type Recognition
Sportage(SLE)	2013	General Area	Power Steering	Special Function	ASP Calibration(CAN)
Sportage(SLE	2013	General Area	Smart Key Unit	Version	
Sportage(SLE	2013	General Area	Smart Key Unit	Read Fault Code	
Sportage(SLE	2013	General Area	Smart Key Unit	Clear Fault	
Sportage(SLE	2013	General Area	Smart Key Unit	Read Data	
Sportage(SLE)	2013	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Sportage(SLE	2013	General Area	Smart Key Unit	Actuation Test	External Buzzer
Sportage(SLE)	2013	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Sportage(SLE)	2013	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Sportage(SLE)	2013	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Sportage(SLE)	2013	General Area	Smart Key Unit	Actuation Test	FOB Holder Illumination
Sportage(SLE)	2013	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Sportage(SLE	2013	General Area	Smart Key Unit	Actuation Test	ACC Relay
Sportage(SLE	2013	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Sportage(SLE	2013	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Sportage(SLE	2013	General Area	Smart Key Unit	Actuation Test	START Relay
Sportage(SLE	2013	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SLE	2013	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SLE	2013	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SLE)	2013	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Sportage(SLE)	2013	General Area	Smart Key Unit	Actuation Test	Driver Door Handle Antenna
Sportage(SLE)	2013	General Area	Smart Key Unit	Actuation Test	Assist Door Handle Antenna
Sportage(SLE)	2013	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Sportage(SLE)	2013	General Area	Smart Key Unit	Special Function	Neutralization Mode

model	year	area	system	function	subfunction
Sportage(SLE)	2013	General Area	Smart Key Unit	Special Function	SMK Status Information
Sportage(SLE)	2013	General Area	Smart Key Unit	Special Function	ESCL Status Information
Sportage(SLE)	2013	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Sportage(SLE)	2013	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Sportage(SLE)	2013	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Sportage(SLE)	2013	General Area	Smart Key Unit	Special Function	Antenna Status Check
Sportage(SLE)	2013	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Sportage(SLE)	2013	General Area	SPAS(Smart Parking Assist System)	Version Information	
Sportage(SLE)	2013	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Sportage(SLE)	2013	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Sportage(SLE)	2013	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Sportage(SLE)	2013	General Area	SPAS(Smart Parking Assist System)	Actuation Test	Speaker Activation
Sportage(SLE)	2013	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation
Sportage(SLE)	2013	General Area	SPAS(Smart Parking Assist System)	Special Function	SPAS Variant Coding
Sportage(SLE)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sportage(SLE)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sportage(SLE)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sportage(SLE)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sportage(SLE)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Sportage(SLE)	2013	General Area	TCM(Transmission Control Module)	Version Information	

model	year	area	system	function	subfunction
Sportage(SLE)	2013	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(SLE)	2013	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(SLE)	2013	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(SLE)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sportage(SLE)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sportage(SLE)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sportage(SLE)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sportage(SLE)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sportage(SLE)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sportage(SLE)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sportage(SLE)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sportage(SLE)	2013	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sportage(SLE)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sportage(SLE)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sportage(SLE)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sportage(SLE)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sportage(SLE)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sportage(SLE)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sportage(SLE)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN

model	year	area	system	function	subfunction
Sportage(SLE)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Sportage(SLE)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sportage(SLE)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sportage(SLE)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sportage(SLE	2012	General Area	4WD Control	Version	
Sportage(SLE	2012	General Area	4WD Control	Read Fault Code	
Sportage(SLE	2012	General Area	4WD Control	Clear Fault	
Sportage(SLE	2012	General Area	4WD Control	Read Data	
Sportage(SLE)	2012	General Area	4WD Control	Actuation Test	Torque Coupling Control
Sportage(SLE)	2012	General Area	4WD Control	Actuation Test	AWD/LOCK Mode Select
Sportage(SLE	2012	General Area	4WD Control	Actuation Test	4WD Lamp
Sportage(SLE)	2012	General Area	4WD Control	Special Function	Clutch Learning Reset
Sportage(SLE)	2012	General Area	4WD Control	Special Function	Clutch Learning Read
Sportage(SLE)	2012	General Area	4WD Control	Special Function	Clutch Learning Write
Sportage(SLE	2012	General Area	AC(Air Conditioning)	Version	
Sportage(SLE	2012	General Area	AC(Air Conditioning)	Read Fault Code	
Sportage(SLE	2012	General Area	AC(Air Conditioning)	Clear Fault	
Sportage(SLE	2012	General Area	AC(Air Conditioning)	Read Data	
Sportage(SLE	2012	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sportage(SLE	2012	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sportage(SLE)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sportage(SLE)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sportage(SLE)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sportage(SLE)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sportage(SLE)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sportage(SLE)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sportage(SLE)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sportage(SLE)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%

model	year	area	system	function	subfunction
Sportage(SLE)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sportage(SLE)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sportage(SLE)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sportage(SLE)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sportage(SLE)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sportage(SLE)	2012	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sportage(SLE)	2012	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sportage(SLE)	2012	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sportage(SLE)	2012	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-VENT-0%
Sportage(SLE)	2012	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
Sportage(SLE)	2012	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
Sportage(SLE)	2012	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
Sportage(SLE)	2012	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-TEMP-50%
Sportage(SLE)	2012	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
Sportage(SLE)	2012	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Sportage(SLE)	2012	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Sportage(SLE)	2012	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Sportage(SLE)	2012	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Sportage(SLE	2012	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Sportage(SLE)	2012	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Sportage(SLE)	2012	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Sportage(SLE)	2012	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Sportage(SLE)	2012	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Sportage(SLE)	2012	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Sportage(SLE)	2012	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Version Information	
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Read Fault Code	
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Clear Fault Memory	
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Read Data Stream	
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Actuation Test	Reverse Lamp Relay
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output

model	year	area	system	function	subfunction
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Actuation Test	Head lamp washer relay
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Relay
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output
Sportage(SLE)	2012	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Sportage(SLE)	2012	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sportage(SLE)	2012	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Version Information	
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front

model	year	area	system	function	subfunction
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)

model	year	area	system	function	subfunction
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters

model	year	area	system	function	subfunction
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2

model	year	area	system	function	subfunction
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 50%
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 78%
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 5%
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 95%
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 5%

model	year	area	system	function	subfunction
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 76%
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 500 RPM
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 4000 RPM
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 5%
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 95%
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 5%
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 95%
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Starter Relay
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test

model	year	area	system	function	subfunction
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Special Function	Fuel Line Air Remove
Sportage(SLE)	2012	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Sportage(SLE)	2012	General Area	ESP(Electronic Stability Program)	Version Information	
Sportage(SLE)	2012	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Sportage(SLE)	2012	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sportage(SLE)	2012	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Sportage(SLE)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Sportage(SLE)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Sportage(SLE)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sportage(SLE)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sportage(SLE)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Sportage(SLE)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sportage(SLE)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Sportage(SLE)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sportage(SLE)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sportage(SLE)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Sportage(SLE)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front

model	year	area	system	function	subfunction
Sportage(SLE)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Sportage(SLE)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Sportage(SLE)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Sportage(SLE)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Sportage(SLE)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Sportage(SLE)	2012	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Sportage(SLE)	2012	General Area	ESP(Electronic Stability Program)	Special Function	SAS Calibration(CAN-ESP Only)
Sportage(SLE)	2012	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sportage(SLE)	2012	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset
Sportage(SLE)	2012	General Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor
Sportage(SLE	2012	General Area	IMMO(Immobilizer)	Read Data	
Sportage(SLE)	2012	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sportage(SLE	2012	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sportage(SLE	2012	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sportage(SLE)	2012	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sportage(SLE	2012	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sportage(SLE	2012	General Area	Power Steering	Version	
Sportage(SLE	2012	General Area	Power Steering	Read Fault Code	
Sportage(SLE	2012	General Area	Power Steering	Clear Fault	
Sportage(SLE	2012	General Area	Power Steering	Read Data	
Sportage(SLE)	2012	General Area	Power Steering	Special Function	EPS Type Recognition
Sportage(SLE)	2012	General Area	Power Steering	Special Function	ASP Calibration(CAN)
Sportage(SLE	2012	General Area	Smart Key Unit	Version	
Sportage(SLE	2012	General Area	Smart Key Unit	Read Fault Code	
Sportage(SLE	2012	General Area	Smart Key Unit	Clear Fault	
Sportage(SLE	2012	General Area	Smart Key Unit	Read Data	
Sportage(SLE)	2012	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator

model	year	area	system	function	subfunction
Sportage(SLE	2012	General Area	Smart Key Unit	Actuation Test	External Buzzer
Sportage(SLE)	2012	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Sportage(SLE)	2012	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Sportage(SLE)	2012	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Sportage(SLE)	2012	General Area	Smart Key Unit	Actuation Test	FOB Holder Illumination
Sportage(SLE)	2012	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Sportage(SLE	2012	General Area	Smart Key Unit	Actuation Test	ACC Relay
Sportage(SLE	2012	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Sportage(SLE	2012	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Sportage(SLE	2012	General Area	Smart Key Unit	Actuation Test	START Relay
Sportage(SLE	2012	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SLE	2012	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SLE	2012	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SLE)	2012	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Sportage(SLE)	2012	General Area	Smart Key Unit	Actuation Test	Driver Door Handle Antenna
Sportage(SLE)	2012	General Area	Smart Key Unit	Actuation Test	Assist Door Handle Antenna
Sportage(SLE)	2012	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Sportage(SLE)	2012	General Area	Smart Key Unit	Special Function	Neutralization Mode
Sportage(SLE)	2012	General Area	Smart Key Unit	Special Function	SMK Status Information
Sportage(SLE)	2012	General Area	Smart Key Unit	Special Function	ESCL Status Information
Sportage(SLE)	2012	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Sportage(SLE)	2012	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Sportage(SLE)	2012	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Sportage(SLE)	2012	General Area	Smart Key Unit	Special Function	Antenna Status Check
Sportage(SLE)	2012	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Sportage(SLE)	2012	General Area	SPAS(Smart Parking Assist System)	Version Information	

model	year	area	system	function	subfunction
Sportage(SLE)	2012	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Sportage(SLE)	2012	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Sportage(SLE)	2012	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	
Sportage(SLE)	2012	General Area	SPAS(Smart Parking Assist System)	Actuation Test	Speaker Activation
Sportage(SLE)	2012	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation
Sportage(SLE)	2012	General Area	SPAS(Smart Parking Assist System)	Special Function	SPAS Variant Coding
Sportage(SLE)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sportage(SLE)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sportage(SLE)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sportage(SLE)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sportage(SLE)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Sportage(SLE)	2012	General Area	TCM(Transmission Control Module)	Version Information	
Sportage(SLE)	2012	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(SLE)	2012	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(SLE)	2012	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(SLE)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sportage(SLE)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sportage(SLE)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)

model	year	area	system	function	subfunction
Sportage(SLE)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sportage(SLE)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sportage(SLE)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sportage(SLE)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sportage(SLE)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sportage(SLE)	2012	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sportage(SLE)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sportage(SLE)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sportage(SLE)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sportage(SLE)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sportage(SLE)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sportage(SLE)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sportage(SLE)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sportage(SLE)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Sportage(SLE)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sportage(SLE)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sportage(SLE)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sportage(SLE	2011	General Area	4WD Control	Version	
Sportage(SLE	2011	General Area	4WD Control	Read Fault Code	
Sportage(SLE	2011	General Area	4WD Control	Clear Fault	
Sportage(SLE	2011	General Area	4WD Control	Read Data	
Sportage(SLE)	2011	General Area	4WD Control	Actuation Test	Torque Coupling Control

model	year	area	system	function	subfunction
Sportage(SLE)	2011	General Area	4WD Control	Actuation Test	AWD/LOCK Mode Select
Sportage(SLE	2011	General Area	4WD Control	Actuation Test	4WD Lamp
Sportage(SLE)	2011	General Area	4WD Control	Special Function	Clutch Learning Reset
Sportage(SLE)	2011	General Area	4WD Control	Special Function	Clutch Learning Read
Sportage(SLE)	2011	General Area	4WD Control	Special Function	Clutch Learning Write
Sportage(SLE	2011	General Area	AC(Air Conditioning)	Version	
Sportage(SLE	2011	General Area	AC(Air Conditioning)	Read Fault Code	
Sportage(SLE	2011	General Area	AC(Air Conditioning)	Clear Fault	
Sportage(SLE	2011	General Area	AC(Air Conditioning)	Read Data	
Sportage(SLE	2011	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sportage(SLE	2011	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sportage(SLE)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sportage(SLE)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sportage(SLE)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sportage(SLE)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sportage(SLE)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sportage(SLE)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sportage(SLE)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sportage(SLE)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sportage(SLE)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sportage(SLE)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sportage(SLE)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sportage(SLE)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sportage(SLE)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sportage(SLE)	2011	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sportage(SLE)	2011	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation

model	year	area	system	function	subfunction
Sportage(SLE)	2011	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sportage(SLE)	2011	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-VENT-0%
Sportage(SLE)	2011	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
Sportage(SLE)	2011	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
Sportage(SLE)	2011	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
Sportage(SLE)	2011	General Area	AC(Air Conditioning)	Actuation Test	Console air mix door-TEMP-50%
Sportage(SLE)	2011	General Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
Sportage(SLE)	2011	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Sportage(SLE)	2011	General Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Sportage(SLE)	2011	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Sportage(SLE)	2011	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Sportage(SLE	2011	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Sportage(SLE)	2011	General Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Sportage(SLE)	2011	General Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Sportage(SLE)	2011	General Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Sportage(SLE)	2011	General Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Sportage(SLE)	2011	General Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Sportage(SLE)	2011	General Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Version Information	
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Read Fault Code	
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Clear Fault Memory	
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Read Data Stream	
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Actuation Test	Wiper relay

model	year	area	system	function	subfunction
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Actuation Test	Head lamp washer relay
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear fog lamp relay
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Actuation Test	Ignition key hole illumination(Manual Key Type)
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Relay
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay

model	year	area	system	function	subfunction
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Actuation Test	Reverse Lamp Relay
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Actuation Test	Burglar horn relay
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Actuation Test	Front deicer relay
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sportage(SLE)	2011	General Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Sportage(SLE)	2011	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sportage(SLE)	2011	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Version Information	
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High

model	year	area	system	function	subfunction
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)

model	year	area	system	function	subfunction
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2

model	year	area	system	function	subfunction
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1

model	year	area	system	function	subfunction
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay

model	year	area	system	function	subfunction
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 50%
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay 78%
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 5%
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 95%
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 5%
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 76%
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 500 RPM
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed 4000 RPM
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay

model	year	area	system	function	subfunction
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 5%
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 95%
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 5%
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 95%
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Starter Relay
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Special Function	Idle CO Adjustment
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Special Function	CVVT Test
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Special Function	Fuel Line Air Remove

model	year	area	system	function	subfunction
Sportage(SLE)	2011	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Sportage(SLE)	2011	General Area	ESP(Electronic Stability	Version Information	
Sportage(SLE)	2011	General Area	ESP(Electronic Stability	Read Fault Code	
Sportage(SLE)	2011	General Area	ESP(Electronic Stability	Clear Fault Memory	
Sportage(SLE)	2011	General Area	ESP(Electronic Stability	Read Data Stream	
Sportage(SLE)	2011	General Area	ESP(Electronic Stability	Actuation Test	Motor
Sportage(SLE)	2011	General Area	ESP(Electronic Stability	Actuation Test	Inlet Valve-Left Front
Sportage(SLE)	2011	General Area	ESP(Electronic Stability	Actuation Test	Inlet Valve-Right Front
Sportage(SLE)	2011	General Area	ESP(Electronic Stability	Actuation Test	Inlet Valve-Left Rear
Sportage(SLE)	2011	General Area	ESP(Electronic Stability	Actuation Test	Inlet Valve-Right Rear
Sportage(SLE)	2011	General Area	ESP(Electronic Stability	Actuation Test	Outlet Valve-Left Front
Sportage(SLE)	2011	General Area	ESP(Electronic Stability	Actuation Test	Outlet Valve-Right Front
Sportage(SLE)	2011	General Area	ESP(Electronic Stability	Actuation Test	Outlet Valve-Left Rear
Sportage(SLE)	2011	General Area	ESP(Electronic Stability	Actuation Test	Outlet Valve-Right Rear
Sportage(SLE)	2011	General Area	ESP(Electronic Stability	Actuation Test	TCS Valve-Left Front
Sportage(SLE)	2011	General Area	ESP(Electronic Stability	Actuation Test	TCS Valve-Right Front
Sportage(SLE)	2011	General Area	ESP(Electronic Stability	Actuation Test	Reservoir Cut Valve(PRCV)
Sportage(SLE)	2011	General Area	ESP(Electronic Stability	Actuation Test	Reservoir Cut Valve(SRCV)
Sportage(SLE)	2011	General Area	ESP(Electronic Stability	Actuation Test	Electric Shuttle Valve-Right Front
Sportage(SLE)	2011	General Area	ESP(Electronic Stability	Actuation Test	Electric Shuttle Valve-Left Front
Sportage(SLE)	2011	General Area	ESP(Electronic Stability Program(Mando))	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Sportage(SLE)	2011	General Area	ESP(Electronic Stability	Actuation Test	ESS Brake Lamp Relay(ESS Only)

model	year	area	system	function	subfunction
Sportage(SLE)	2011	General Area	ESP(Electronic Stability Program(Mando))	Special Function	SAS Calibration(CAN-ESP Only)
Sportage(SLE)	2011	General Area	ESP(Electronic Stability	Special Function	HCU Air Bleeding Mode
Sportage(SLE)	2011	General Area	ESP(Electronic Stability Program(Mando))	Special Function	Auto Detected Configuration Reset
Sportage(SLE)	2011	General Area	ESP(Electronic Stability	Special Function	Longitudinal G Sensor
Sportage(SLE)	2011	General Area	ESP(Electronic Stability Program)	Version Information	
Sportage(SLE)	2011	General Area	ESP(Electronic Stability Program)	Read Fault Code	
Sportage(SLE)	2011	General Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sportage(SLE)	2011	General Area	ESP(Electronic Stability Program)	Read Data Stream	
Sportage(SLE)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Sportage(SLE)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Sportage(SLE)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sportage(SLE)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sportage(SLE)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Sportage(SLE)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sportage(SLE)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Sportage(SLE)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sportage(SLE)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sportage(SLE)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Sportage(SLE)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Sportage(SLE)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Sportage(SLE)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Sportage(SLE)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front

model	year	area	system	function	subfunction
Sportage(SLE)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Sportage(SLE)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Sportage(SLE)	2011	General Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Sportage(SLE)	2011	General Area	ESP(Electronic Stability Program)	Special Function	SAS Calibration(CAN-ESP Only)
Sportage(SLE)	2011	General Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sportage(SLE)	2011	General Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset
Sportage(SLE)	2011	General Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor
Sportage(SLE	2011	General Area	IMMO(Immobilizer)	Read Data	
Sportage(SLE)	2011	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sportage(SLE	2011	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Sportage(SLE	2011	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sportage(SLE)	2011	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sportage(SLE	2011	General Area	IMMO(Immobilizer)	Special Function	Teaching
Sportage(SLE	2011	General Area	Power Steering	Version	
Sportage(SLE	2011	General Area	Power Steering	Read Fault Code	
Sportage(SLE	2011	General Area	Power Steering	Clear Fault	
Sportage(SLE	2011	General Area	Power Steering	Read Data	
Sportage(SLE)	2011	General Area	Power Steering	Special Function	EPS Type Recognition
Sportage(SLE)	2011	General Area	Power Steering	Special Function	ASP Calibration(CAN)
Sportage(SLE	2011	General Area	Smart Key Unit	Version	
Sportage(SLE	2011	General Area	Smart Key Unit	Read Fault Code	
Sportage(SLE	2011	General Area	Smart Key Unit	Clear Fault	
Sportage(SLE	2011	General Area	Smart Key Unit	Read Data	
Sportage(SLE)	2011	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Sportage(SLE	2011	General Area	Smart Key Unit	Actuation Test	External Buzzer
Sportage(SLE)	2011	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Sportage(SLE)	2011	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber

model	year	area	system	function	subfunction
Sportage(SLE)	2011	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Sportage(SLE)	2011	General Area	Smart Key Unit	Actuation Test	FOB Holder Illumination
Sportage(SLE)	2011	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Sportage(SLE	2011	General Area	Smart Key Unit	Actuation Test	ACC Relay
Sportage(SLE	2011	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Sportage(SLE	2011	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Sportage(SLE	2011	General Area	Smart Key Unit	Actuation Test	START Relay
Sportage(SLE	2011	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SLE	2011	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SLE	2011	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SLE)	2011	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Sportage(SLE)	2011	General Area	Smart Key Unit	Actuation Test	Driver Door Handle Antenna
Sportage(SLE)	2011	General Area	Smart Key Unit	Actuation Test	Assist Door Handle Antenna
Sportage(SLE)	2011	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Sportage(SLE)	2011	General Area	Smart Key Unit	Special Function	Neutralization Mode
Sportage(SLE)	2011	General Area	Smart Key Unit	Special Function	SMK Status Information
Sportage(SLE)	2011	General Area	Smart Key Unit	Special Function	ESCL Status Information
Sportage(SLE)	2011	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Sportage(SLE)	2011	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Sportage(SLE)	2011	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Sportage(SLE)	2011	General Area	Smart Key Unit	Special Function	Antenna Status Check
Sportage(SLE)	2011	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Sportage(SLE)	2011	General Area	SPAS(Smart Parking Assist System)	Version Information	
Sportage(SLE)	2011	General Area	SPAS(Smart Parking Assist System)	Read Fault Code	
Sportage(SLE)	2011	General Area	SPAS(Smart Parking Assist System)	Clear Fault Memory	
Sportage(SLE)	2011	General Area	SPAS(Smart Parking Assist System)	Read Data Stream	

model	year	area	system	function	subfunction
Sportage(SLE)	2011	General Area	SPAS(Smart Parking Assist System)	Actuation Test	Speaker Activation
Sportage(SLE)	2011	General Area	SPAS(Smart Parking Assist System)	Actuation Test	MDPS Activation
Sportage(SLE)	2011	General Area	SPAS(Smart Parking Assist System)	Special Function	SPAS Variant Coding
Sportage(SLE)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sportage(SLE)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sportage(SLE)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sportage(SLE)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sportage(SLE)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Sportage(SLE)	2011	General Area	TCM(Transmission Control Module)	Version Information	
Sportage(SLE)	2011	General Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(SLE)	2011	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(SLE)	2011	General Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(SLE)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sportage(SLE)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sportage(SLE)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sportage(SLE)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sportage(SLE)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)

model	year	area	system	function	subfunction
Sportage(SLE)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sportage(SLE)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sportage(SLE)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sportage(SLE)	2011	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sportage(SLE)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sportage(SLE)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sportage(SLE)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sportage(SLE)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sportage(SLE)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sportage(SLE)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sportage(SLE)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sportage(SLE)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Sportage(SLE)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sportage(SLE)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sportage(SLE)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Towner(HA)	2003	General Area	ECM(Engine Control Module)	Read Fault Code	
Towner(HA)	2003	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Towner(HA)	2002	General Area	ECM(Engine Control Module)	Read Fault Code	
Towner(HA)	2002	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Towner(HA)	2001	General Area	ECM(Engine Control Module)	Read Fault Code	
Towner(HA)	2001	General Area	ECM(Engine Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Towner(HA)	2000	General Area	ECM(Engine Control Module)	Read Fault Code	
Towner(HA)	2000	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Towner(HA)	1999	General Area	ECM(Engine Control Module)	Read Fault Code	
Towner(HA)	1999	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Towner(HA)	1998	General Area	ECM(Engine Control Module)	Read Fault Code	
Towner(HA)	1998	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Towner(HA)	1997	General Area	ECM(Engine Control Module)	Read Fault Code	
Towner(HA)	1997	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Towner(HA)	1996	General Area	ECM(Engine Control Module)	Read Fault Code	
Towner(HA)	1996	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Towner(HA)	1995	General Area	ECM(Engine Control Module)	Read Fault Code	
Towner(HA)	1995	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Towner(HA)	1994	General Area	ECM(Engine Control Module)	Read Fault Code	
Towner(HA)	1994	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Towner(HA)	1993	General Area	ECM(Engine Control Module)	Read Fault Code	
Towner(HA)	1993	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Venga(YN)	2016	General Area	ABS(Anti-Lock Brake System)	Version Information	
Venga(YN)	2016	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Venga(YN)	2016	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Venga(YN)	2016	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Venga(YN)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Venga(YN)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Venga(YN)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front

model	year	area	system	function	subfunction
Venga(YN)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Venga(YN)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Venga(YN)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Venga(YN)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Venga(YN)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Venga(YN)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Venga(YN)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV1)
Venga(YN)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV2)
Venga(YN)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV1)
Venga(YN)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV2)
Venga(YN)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Speed limited disable
Venga(YN)	2016	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Disable valve relay shutdown
Venga(YN)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Venga(YN)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	HAC/AX Sensor Calibration
Venga(YN)	2016	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Venga(YN)	2016	General Area	AC(Air Conditioning)	Version	
Venga(YN)	2016	General Area	AC(Air Conditioning)	Read Fault Code	
Venga(YN)	2016	General Area	AC(Air Conditioning)	Clear Fault	
Venga(YN)	2016	General Area	AC(Air Conditioning)	Read Data	
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%

model	year	area	system	function	subfunction
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%

model	year	area	system	function	subfunction
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Venga(YN)	2016	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Venga(YN)	2016	General Area	BCM(Body Control Module)	Version Information	
Venga(YN)	2016	General Area	BCM(Body Control Module)	Read Fault Code	
Venga(YN)	2016	General Area	BCM(Body Control Module)	Clear Fault Memory	
Venga(YN)	2016	General Area	BCM(Body Control Module)	Read Data Stream	
Venga(YN)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Output
Venga(YN)	2016	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Output
Venga(YN)	2016	General Area	BCM(Body Control Module)	Actuation Test	2-Turn Unlock/Dead Lock Output
Venga(YN)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Output
Venga(YN)	2016	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low Output

model	year	area	system	function	subfunction
Venga(YN)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Output
Venga(YN)	2016	General Area	BCM(Body Control Module)	Actuation Test	Power Window Output
Venga(YN)	2016	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window ECU
Venga(YN)	2016	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Venga(YN)	2016	General Area	BCM(Body Control Module)	Actuation Test	Interior Output(DRL
Venga(YN)	2016	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Output
Venga(YN)	2016	General Area	BCM(Body Control Module)	Actuation Test	Hazard Output(+RK)
Venga(YN)	2016	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Output
Venga(YN)	2016	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Output
Venga(YN)	2016	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Output
Venga(YN)	2016	General Area	BCM(Body Control Module)	Actuation Test	Defogger Output
Venga(YN)	2016	General Area	BCM(Body Control Module)	Actuation Test	Deicer Output
Venga(YN)	2016	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Venga(YN)	2016	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Venga(YN)	2016	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut
Venga(YN)	2016	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Venga(YN)	2016	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Venga(YN)	2016	General Area	BCM(Body Control Module)	Actuation Test	RPAS Off Switch Indicator
Venga(YN)	2016	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Venga(YN)	2016	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Venga(YN)	2016	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Venga(YN)	2016	General Area	BCM(Body Control Module)	Actuation Test	Alternator Management Signal Output

model	year	area	system	function	subfunction
Venga(YN)	2016	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Venga(YN)	2016	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Venga(YN)	2016	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Venga(YN)	2016	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Version Information	
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Read Fault Code	
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Read Data Stream	
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump

model	year	area	system	function	subfunction
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters

model	year	area	system	function	subfunction
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)

model	year	area	system	function	subfunction
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Electrical Water Heater
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PTC Relay
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Main Water Pump
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #1 Actuation
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #2 Actuation
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #3 Actuation
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Injector #4 Actuation
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Relay
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	GRU(Glow Relay Unit)15%Duty
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 10%
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 90%

model	year	area	system	function	subfunction
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 10%
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 90%
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 10%
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 90%
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 5%
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	PWM Fan Actuator 95%
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Engine Speed PWM Output
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 5%
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure EGR Valve 95%
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 5%
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Low Pressure Exhaust Flap 95%
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 5%
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Lift Pump Control 95%
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control Actuator(2000
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Venga(YN)	2016	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Venga(YN)	2016	General Area	IMMO(Immobilizer)	Read Data	
Venga(YN)	2016	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin

model	year	area	system	function	subfunction
Venga(YN)	2016	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Venga(YN)	2016	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Venga(YN)	2016	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Venga(YN)	2016	General Area	IMMO(Immobilizer)	Special Function	Teaching
Venga(YN)	2016	General Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Venga(YN)	2016	General Area	MDPS(Motor Driven Power Steering)	Version Information	
Venga(YN)	2016	General Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Venga(YN)	2016	General Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Venga(YN)	2016	General Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Venga(YN)	2016	General Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Venga(YN)	2016	General Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Venga(YN)	2016	General Area	Smart Key Unit	Version	
Venga(YN)	2016	General Area	Smart Key Unit	Read Fault Code	
Venga(YN)	2016	General Area	Smart Key Unit	Clear Fault	
Venga(YN)	2016	General Area	Smart Key Unit	Read Data	
Venga(YN)	2016	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Venga(YN)	2016	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Venga(YN)	2016	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Venga(YN)	2016	General Area	Smart Key Unit	Actuation Test	ACC Relay
Venga(YN)	2016	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Venga(YN)	2016	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Venga(YN)	2016	General Area	Smart Key Unit	Actuation Test	START Relay
Venga(YN)	2016	General Area	Smart Key Unit	Actuation Test	External Buzzer
Venga(YN)	2016	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Venga(YN)	2016	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Venga(YN)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Venga(YN)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Venga(YN)	2016	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Venga(YN)	2016	General Area	Smart Key Unit	Actuation Test	Trunk Antenna(Sedan Only)
Venga(YN)	2016	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna

model	year	area	system	function	subfunction
Venga(YN)	2016	General Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna
Venga(YN)	2016	General Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
Venga(YN)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Venga(YN)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Venga(YN)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Venga(YN)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Venga(YN)	2016	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Venga(YN)	2016	General Area	TCM(Transmission Control Module)	Version Information	
Venga(YN)	2016	General Area	TCM(Transmission Control Module)	Read Fault Code	
Venga(YN)	2016	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Venga(YN)	2016	General Area	TCM(Transmission Control Module)	Read Data Stream	
Venga(YN)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Venga(YN)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Venga(YN)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Venga(YN)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Venga(YN)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Venga(YN)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)

model	year	area	system	function	subfunction
Venga(YN)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Venga(YN)	2016	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Venga(YN)	2016	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Venga(YN)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Venga(YN)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Venga(YN)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Venga(YN)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Venga(YN)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Venga(YN)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Venga(YN)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Venga(YN)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Venga(YN)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Venga(YN)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Venga(YN)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Venga(YN)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Venga(YN)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Venga(YN)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Venga(YN)	2016	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Venga(YN)	2015	General Area	ABS(Anti-Lock Brake System)	Version Information	
Venga(YN)	2015	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Venga(YN)	2015	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Venga(YN)	2015	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	

model	year	area	system	function	subfunction
Venga(YN)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Venga(YN)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Venga(YN)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Venga(YN)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Venga(YN)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Venga(YN)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Venga(YN)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Venga(YN)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Venga(YN)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Venga(YN)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV1)
Venga(YN)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV2)
Venga(YN)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV1)
Venga(YN)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV2)
Venga(YN)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Speed limited disable
Venga(YN)	2015	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Disable valve relay shutdown
Venga(YN)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Venga(YN)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	HAC/AX Sensor Calibration
Venga(YN)	2015	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Venga(YN)	2015	General Area	AC(Air Conditioning)	Version	
Venga(YN)	2015	General Area	AC(Air Conditioning)	Read Fault Code	
Venga(YN)	2015	General Area	AC(Air Conditioning)	Clear Fault	
Venga(YN)	2015	General Area	AC(Air Conditioning)	Read Data	
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low

model	year	area	system	function	subfunction
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium

model	year	area	system	function	subfunction
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Venga(YN)	2015	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Venga(YN)	2015	General Area	BCM(Body Control Module)	Version Information	
Venga(YN)	2015	General Area	BCM(Body Control Module)	Read Fault Code	
Venga(YN)	2015	General Area	BCM(Body Control Module)	Clear Fault Memory	
Venga(YN)	2015	General Area	BCM(Body Control Module)	Read Data Stream	
Venga(YN)	2015	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Output
Venga(YN)	2015	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Output

model	year	area	system	function	subfunction
Venga(YN)	2015	General Area	BCM(Body Control Module)	Actuation Test	2-Turn Unlock/Dead Lock Output
Venga(YN)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Output
Venga(YN)	2015	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low Output
Venga(YN)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Output
Venga(YN)	2015	General Area	BCM(Body Control Module)	Actuation Test	Power Window Output
Venga(YN)	2015	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window ECU
Venga(YN)	2015	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Venga(YN)	2015	General Area	BCM(Body Control Module)	Actuation Test	Interior Output(DRL
Venga(YN)	2015	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Output
Venga(YN)	2015	General Area	BCM(Body Control Module)	Actuation Test	Hazard Output(+RK)
Venga(YN)	2015	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Output
Venga(YN)	2015	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Output
Venga(YN)	2015	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Output
Venga(YN)	2015	General Area	BCM(Body Control Module)	Actuation Test	Defogger Output
Venga(YN)	2015	General Area	BCM(Body Control Module)	Actuation Test	Deicer Output
Venga(YN)	2015	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Venga(YN)	2015	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Venga(YN)	2015	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut
Venga(YN)	2015	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Venga(YN)	2015	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Venga(YN)	2015	General Area	BCM(Body Control Module)	Actuation Test	RPAS Off Switch Indicator
Venga(YN)	2015	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator

model	year	area	system	function	subfunction
Venga(YN)	2015	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Venga(YN)	2015	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Venga(YN)	2015	General Area	BCM(Body Control Module)	Actuation Test	Alternator Management Signal Output
Venga(YN)	2015	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Venga(YN)	2015	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Venga(YN)	2015	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Venga(YN)	2015	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Version Information	
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Read Fault Code	
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Read Data Stream	
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)

model	year	area	system	function	subfunction
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer

model	year	area	system	function	subfunction
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1

model	year	area	system	function	subfunction
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1

model	year	area	system	function	subfunction
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay(M/T Only)
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%

model	year	area	system	function	subfunction
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 5%
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 95%
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 5%
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 95%
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	EGR Throttle
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	IMV
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	VGT Valve
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan2
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Fan1
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Power Supply Relay
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	MI Lamp
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug Lamp

model	year	area	system	function	subfunction
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Air Conditioning Relay
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Main Lamp
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Cruise On Lamp
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	PTC
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Actuation Test	Water In Fuel Lamp
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Special Function	Essential Work After Component Replacement
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Special Function	ECU Initialization
Venga(YN)	2015	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
Venga(YN)	2015	General Area	IMMO(Immobilizer)	Read Data	
Venga(YN)	2015	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Venga(YN)	2015	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Venga(YN)	2015	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Venga(YN)	2015	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Venga(YN)	2015	General Area	IMMO(Immobilizer)	Special Function	Teaching
Venga(YN)	2015	General Area	Power Steering	Version	
Venga(YN)	2015	General Area	Power Steering	Read Fault Code	
Venga(YN)	2015	General Area	Power Steering	Clear Fault	

model	year	area	system	function	subfunction
Venga(YN)	2015	General Area	Power Steering	Read Data	
Venga(YN)	2015	General Area	Power Steering	Special Function	ASP Calibration
Venga(YN)	2015	General Area	Power Steering	Special Function	EPS Type Recognition
Venga(YN)	2015	General Area	Smart Key Unit	Version	
Venga(YN)	2015	General Area	Smart Key Unit	Read Fault Code	
Venga(YN)	2015	General Area	Smart Key Unit	Clear Fault	
Venga(YN)	2015	General Area	Smart Key Unit	Read Data	
Venga(YN)	2015	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Venga(YN)	2015	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Venga(YN)	2015	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Venga(YN)	2015	General Area	Smart Key Unit	Actuation Test	ACC Relay
Venga(YN)	2015	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Venga(YN)	2015	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Venga(YN)	2015	General Area	Smart Key Unit	Actuation Test	START Relay
Venga(YN)	2015	General Area	Smart Key Unit	Actuation Test	External Buzzer
Venga(YN)	2015	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Venga(YN)	2015	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Venga(YN)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Venga(YN)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Venga(YN)	2015	General Area	Smart Key Unit	Actuation Test	Interior Antenna 3(RV/Hatchback Only)
Venga(YN)	2015	General Area	Smart Key Unit	Actuation Test	Trunk Antenna(Sedan Only)
Venga(YN)	2015	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Venga(YN)	2015	General Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna
Venga(YN)	2015	General Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
Venga(YN)	2015	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Venga(YN)	2015	General Area	Smart Key Unit	Special Function	Neutralization Mode
Venga(YN)	2015	General Area	Smart Key Unit	Special Function	SMK Status Information
Venga(YN)	2015	General Area	Smart Key Unit	Special Function	ESCL Status Information

model	year	area	system	function	subfunction
Venga(YN)	2015	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Venga(YN)	2015	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Venga(YN)	2015	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Venga(YN)	2015	General Area	Smart Key Unit	Special Function	Antenna Status Check
Venga(YN)	2015	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Venga(YN)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Venga(YN)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Venga(YN)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Venga(YN)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Venga(YN)	2015	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Venga(YN)	2015	General Area	TCM(Transmission Control Module)	Version Information	
Venga(YN)	2015	General Area	TCM(Transmission Control Module)	Read Fault Code	
Venga(YN)	2015	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Venga(YN)	2015	General Area	TCM(Transmission Control Module)	Read Data Stream	
Venga(YN)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
Venga(YN)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
Venga(YN)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE

model	year	area	system	function	subfunction
Venga(YN)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
Venga(YN)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
Venga(YN)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Venga(YN)	2015	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
Venga(YN)	2015	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Venga(YN)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Venga(YN)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Venga(YN)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Venga(YN)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Venga(YN)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Venga(YN)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Venga(YN)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Venga(YN)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Venga(YN)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Venga(YN)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Venga(YN)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Venga(YN)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Venga(YN)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Venga(YN)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Venga(YN)	2015	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Venga(YN)	2014	General Area	ABS(Anti-Lock Brake System)	Version Information	
Venga(YN)	2014	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	

model	year	area	system	function	subfunction
Venga(YN)	2014	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Venga(YN)	2014	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Venga(YN)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Venga(YN)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Venga(YN)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Venga(YN)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Venga(YN)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Venga(YN)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Venga(YN)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Venga(YN)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Venga(YN)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Venga(YN)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV1)
Venga(YN)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV2)
Venga(YN)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV1)
Venga(YN)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV2)
Venga(YN)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Speed limited disable
Venga(YN)	2014	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Disable valve relay shutdown
Venga(YN)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Venga(YN)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	HAC/AX Sensor Calibration
Venga(YN)	2014	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Venga(YN)	2014	General Area	AC(Air Conditioning)	Version	
Venga(YN)	2014	General Area	AC(Air Conditioning)	Read Fault Code	
Venga(YN)	2014	General Area	AC(Air Conditioning)	Clear Fault	
Venga(YN)	2014	General Area	AC(Air Conditioning)	Read Data	
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off

model	year	area	system	function	subfunction
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off

model	year	area	system	function	subfunction
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Venga(YN)	2014	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Venga(YN)	2014	General Area	BCM(Body Control Module)	Version Information	
Venga(YN)	2014	General Area	BCM(Body Control Module)	Read Fault Code	
Venga(YN)	2014	General Area	BCM(Body Control Module)	Clear Fault Memory	
Venga(YN)	2014	General Area	BCM(Body Control Module)	Read Data Stream	
Venga(YN)	2014	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Output

model	year	area	system	function	subfunction
Venga(YN)	2014	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Output
Venga(YN)	2014	General Area	BCM(Body Control Module)	Actuation Test	2-Turn Unlock/Dead Lock Output
Venga(YN)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Output
Venga(YN)	2014	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low Output
Venga(YN)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Output
Venga(YN)	2014	General Area	BCM(Body Control Module)	Actuation Test	Power Window Output
Venga(YN)	2014	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window ECU
Venga(YN)	2014	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Venga(YN)	2014	General Area	BCM(Body Control Module)	Actuation Test	Interior Output(DRL
Venga(YN)	2014	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Output
Venga(YN)	2014	General Area	BCM(Body Control Module)	Actuation Test	Hazard Output(+RK)
Venga(YN)	2014	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Output
Venga(YN)	2014	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Output
Venga(YN)	2014	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Output
Venga(YN)	2014	General Area	BCM(Body Control Module)	Actuation Test	Defogger Output
Venga(YN)	2014	General Area	BCM(Body Control Module)	Actuation Test	Deicer Output
Venga(YN)	2014	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Venga(YN)	2014	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Venga(YN)	2014	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut
Venga(YN)	2014	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Venga(YN)	2014	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Venga(YN)	2014	General Area	BCM(Body Control Module)	Actuation Test	RPAS Off Switch Indicator

model	year	area	system	function	subfunction
Venga(YN)	2014	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Venga(YN)	2014	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Venga(YN)	2014	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Venga(YN)	2014	General Area	BCM(Body Control Module)	Actuation Test	Alternator Management Signal Output
Venga(YN)	2014	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Venga(YN)	2014	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Venga(YN)	2014	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Venga(YN)	2014	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Version Information	
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Read Fault Code	
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Read Data Stream	
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay

model	year	area	system	function	subfunction
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)

model	year	area	system	function	subfunction
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1

model	year	area	system	function	subfunction
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1

model	year	area	system	function	subfunction
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay(M/T Only)
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%

model	year	area	system	function	subfunction
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 5%
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 95%
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 5%
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 95%
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	EGR Throttle
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	IMV
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	VGT Valve
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan2
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Fan1
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Power Supply Relay
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	MI Lamp
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug Lamp

model	year	area	system	function	subfunction
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Air Conditioning Relay
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Main Lamp
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Cruise On Lamp
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	PTC
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Actuation Test	Water In Fuel Lamp
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Special Function	Essential Work After Component Replacement
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Special Function	ECU Initialization
Venga(YN)	2014	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
Venga(YN)	2014	General Area	IMMO(Immobilizer)	Read Data	
Venga(YN)	2014	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Venga(YN)	2014	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Venga(YN)	2014	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Venga(YN)	2014	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Venga(YN)	2014	General Area	IMMO(Immobilizer)	Special Function	Teaching
Venga(YN)	2014	General Area	Power Steering	Version	
Venga(YN)	2014	General Area	Power Steering	Read Fault Code	
Venga(YN)	2014	General Area	Power Steering	Clear Fault	

model	year	area	system	function	subfunction
Venga(YN)	2014	General Area	Power Steering	Read Data	
Venga(YN)	2014	General Area	Power Steering	Special Function	ASP Calibration
Venga(YN)	2014	General Area	Power Steering	Special Function	EPS Type Recognition
Venga(YN)	2014	General Area	Smart Key Unit	Version	
Venga(YN)	2014	General Area	Smart Key Unit	Read Fault Code	
Venga(YN)	2014	General Area	Smart Key Unit	Clear Fault	
Venga(YN)	2014	General Area	Smart Key Unit	Read Data	
Venga(YN)	2014	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Venga(YN)	2014	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Venga(YN)	2014	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Venga(YN)	2014	General Area	Smart Key Unit	Actuation Test	ACC Relay
Venga(YN)	2014	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Venga(YN)	2014	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Venga(YN)	2014	General Area	Smart Key Unit	Actuation Test	START Relay
Venga(YN)	2014	General Area	Smart Key Unit	Actuation Test	External Buzzer
Venga(YN)	2014	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Venga(YN)	2014	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Venga(YN)	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Venga(YN)	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Venga(YN)	2014	General Area	Smart Key Unit	Actuation Test	Interior Antenna 3(RV/Hatchback Only)
Venga(YN)	2014	General Area	Smart Key Unit	Actuation Test	Trunk Antenna(Sedan Only)
Venga(YN)	2014	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Venga(YN)	2014	General Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna
Venga(YN)	2014	General Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
Venga(YN)	2014	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Venga(YN)	2014	General Area	Smart Key Unit	Special Function	Neutralization Mode
Venga(YN)	2014	General Area	Smart Key Unit	Special Function	SMK Status Information
Venga(YN)	2014	General Area	Smart Key Unit	Special Function	ESCL Status Information

model	year	area	system	function	subfunction
Venga(YN)	2014	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Venga(YN)	2014	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Venga(YN)	2014	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Venga(YN)	2014	General Area	Smart Key Unit	Special Function	Antenna Status Check
Venga(YN)	2014	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Venga(YN)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Venga(YN)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Venga(YN)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Venga(YN)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Venga(YN)	2014	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Venga(YN)	2014	General Area	TCM(Transmission Control Module)	Version Information	
Venga(YN)	2014	General Area	TCM(Transmission Control Module)	Read Fault Code	
Venga(YN)	2014	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Venga(YN)	2014	General Area	TCM(Transmission Control Module)	Read Data Stream	
Venga(YN)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
Venga(YN)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
Venga(YN)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE

model	year	area	system	function	subfunction
Venga(YN)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
Venga(YN)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
Venga(YN)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Venga(YN)	2014	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
Venga(YN)	2014	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Venga(YN)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Venga(YN)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Venga(YN)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Venga(YN)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Venga(YN)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Venga(YN)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Venga(YN)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Venga(YN)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Venga(YN)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Venga(YN)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Venga(YN)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Venga(YN)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Venga(YN)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Venga(YN)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Venga(YN)	2014	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Venga(YN)	2013	General Area	ABS(Anti-Lock Brake System)	Version Information	
Venga(YN)	2013	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	

model	year	area	system	function	subfunction
Venga(YN)	2013	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Venga(YN)	2013	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Venga(YN)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Venga(YN)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Venga(YN)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Venga(YN)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Venga(YN)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Venga(YN)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Venga(YN)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Venga(YN)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Venga(YN)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Venga(YN)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV1)
Venga(YN)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV2)
Venga(YN)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV1)
Venga(YN)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV2)
Venga(YN)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Speed limited disable
Venga(YN)	2013	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Disable valve relay shutdown
Venga(YN)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Venga(YN)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	HAC/AX Sensor Calibration
Venga(YN)	2013	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Venga(YN)	2013	General Area	AC(Air Conditioning)	Version	
Venga(YN)	2013	General Area	AC(Air Conditioning)	Read Fault Code	
Venga(YN)	2013	General Area	AC(Air Conditioning)	Clear Fault	
Venga(YN)	2013	General Area	AC(Air Conditioning)	Read Data	
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off

model	year	area	system	function	subfunction
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off

model	year	area	system	function	subfunction
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Venga(YN)	2013	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Venga(YN)	2013	General Area	BCM(Body Control Module)	Version Information	
Venga(YN)	2013	General Area	BCM(Body Control Module)	Read Fault Code	
Venga(YN)	2013	General Area	BCM(Body Control Module)	Clear Fault Memory	
Venga(YN)	2013	General Area	BCM(Body Control Module)	Read Data Stream	
Venga(YN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Output

model	year	area	system	function	subfunction
Venga(YN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Output
Venga(YN)	2013	General Area	BCM(Body Control Module)	Actuation Test	2-Turn Unlock/Dead Lock Output
Venga(YN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Output
Venga(YN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low Output
Venga(YN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Output
Venga(YN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Power Window Output
Venga(YN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window ECU
Venga(YN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Venga(YN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Interior Output(DRL
Venga(YN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Output
Venga(YN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Hazard Output(+RK)
Venga(YN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Output
Venga(YN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Output
Venga(YN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Output
Venga(YN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Defogger Output
Venga(YN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Deicer Output
Venga(YN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Venga(YN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Venga(YN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut
Venga(YN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Venga(YN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Venga(YN)	2013	General Area	BCM(Body Control Module)	Actuation Test	RPAS Off Switch Indicator

model	year	area	system	function	subfunction
Venga(YN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Venga(YN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Venga(YN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Venga(YN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Alternator Management Signal Output
Venga(YN)	2013	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Venga(YN)	2013	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Venga(YN)	2013	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Venga(YN)	2013	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Version Information	
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Read Fault Code	
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Read Data Stream	
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay

model	year	area	system	function	subfunction
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)

model	year	area	system	function	subfunction
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1

model	year	area	system	function	subfunction
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1

model	year	area	system	function	subfunction
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay(M/T Only)
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%

model	year	area	system	function	subfunction
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 5%
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 95%
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 5%
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 95%
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	EGR Throttle
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	IMV
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	VGT Valve
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan2
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Fan1
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Power Supply Relay
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	MI Lamp
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug Lamp

model	year	area	system	function	subfunction
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Air Conditioning Relay
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Main Lamp
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Cruise On Lamp
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	PTC
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Actuation Test	Water In Fuel Lamp
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Special Function	Essential Work After Component Replacement
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Special Function	ECU Initialization
Venga(YN)	2013	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
Venga(YN)	2013	General Area	IMMO(Immobilizer)	Read Data	
Venga(YN)	2013	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Venga(YN)	2013	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Venga(YN)	2013	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Venga(YN)	2013	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Venga(YN)	2013	General Area	IMMO(Immobilizer)	Special Function	Teaching
Venga(YN)	2013	General Area	Power Steering	Version	
Venga(YN)	2013	General Area	Power Steering	Read Fault Code	
Venga(YN)	2013	General Area	Power Steering	Clear Fault	

model	year	area	system	function	subfunction
Venga(YN)	2013	General Area	Power Steering	Read Data	
Venga(YN)	2013	General Area	Power Steering	Special Function	ASP Calibration
Venga(YN)	2013	General Area	Power Steering	Special Function	EPS Type Recognition
Venga(YN)	2013	General Area	Smart Key Unit	Version	
Venga(YN)	2013	General Area	Smart Key Unit	Read Fault Code	
Venga(YN)	2013	General Area	Smart Key Unit	Clear Fault	
Venga(YN)	2013	General Area	Smart Key Unit	Read Data	
Venga(YN)	2013	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Venga(YN)	2013	General Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Venga(YN)	2013	General Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Venga(YN)	2013	General Area	Smart Key Unit	Actuation Test	ACC Relay
Venga(YN)	2013	General Area	Smart Key Unit	Actuation Test	IGN1 Relay
Venga(YN)	2013	General Area	Smart Key Unit	Actuation Test	IGN2 Relay
Venga(YN)	2013	General Area	Smart Key Unit	Actuation Test	START Relay
Venga(YN)	2013	General Area	Smart Key Unit	Actuation Test	External Buzzer
Venga(YN)	2013	General Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Venga(YN)	2013	General Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Venga(YN)	2013	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Venga(YN)	2013	General Area	Smart Key Unit	Actuation Test	Interior Antenna
Venga(YN)	2013	General Area	Smart Key Unit	Actuation Test	Interior Antenna 3(RV/Hatchback Only)
Venga(YN)	2013	General Area	Smart Key Unit	Actuation Test	Trunk Antenna(Sedan Only)
Venga(YN)	2013	General Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Venga(YN)	2013	General Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna
Venga(YN)	2013	General Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
Venga(YN)	2013	General Area	Smart Key Unit	Special Function	Smart Key Code Saving
Venga(YN)	2013	General Area	Smart Key Unit	Special Function	Neutralization Mode
Venga(YN)	2013	General Area	Smart Key Unit	Special Function	SMK Status Information
Venga(YN)	2013	General Area	Smart Key Unit	Special Function	ESCL Status Information

model	year	area	system	function	subfunction
Venga(YN)	2013	General Area	Smart Key Unit	Special Function	FOB KEY Status Information
Venga(YN)	2013	General Area	Smart Key Unit	Special Function	Current FOB Key Check
Venga(YN)	2013	General Area	Smart Key Unit	Special Function	Serial Communication Line Check
Venga(YN)	2013	General Area	Smart Key Unit	Special Function	Antenna Status Check
Venga(YN)	2013	General Area	Smart Key Unit	Special Function	ESCL Open Status Check
Venga(YN)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Venga(YN)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Venga(YN)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Venga(YN)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Venga(YN)	2013	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Venga(YN)	2013	General Area	TCM(Transmission Control Module)	Version Information	
Venga(YN)	2013	General Area	TCM(Transmission Control Module)	Read Fault Code	
Venga(YN)	2013	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Venga(YN)	2013	General Area	TCM(Transmission Control Module)	Read Data Stream	
Venga(YN)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
Venga(YN)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
Venga(YN)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE

model	year	area	system	function	subfunction
Venga(YN)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
Venga(YN)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
Venga(YN)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Venga(YN)	2013	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
Venga(YN)	2013	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Venga(YN)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Venga(YN)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Venga(YN)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Venga(YN)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Venga(YN)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Venga(YN)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Venga(YN)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Venga(YN)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Venga(YN)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Venga(YN)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Venga(YN)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Venga(YN)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Venga(YN)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Venga(YN)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Venga(YN)	2013	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Venga(YN)	2012	General Area	ABS(Anti-Lock Brake System)	Version Information	
Venga(YN)	2012	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	

model	year	area	system	function	subfunction
Venga(YN)	2012	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Venga(YN)	2012	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Venga(YN)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Venga(YN)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Venga(YN)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Venga(YN)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Venga(YN)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Venga(YN)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Venga(YN)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Venga(YN)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Venga(YN)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Venga(YN)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV1)
Venga(YN)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV2)
Venga(YN)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV1)
Venga(YN)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV2)
Venga(YN)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Speed limited disable
Venga(YN)	2012	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Disable valve relay shutdown
Venga(YN)	2012	General Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Venga(YN)	2012	General Area	ABS(Anti-Lock Brake System)	Special Function	HAC/AX Sensor Calibration
Venga(YN)	2012	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Venga(YN)	2012	General Area	AC(Air Conditioning)	Version	
Venga(YN)	2012	General Area	AC(Air Conditioning)	Read Fault Code	
Venga(YN)	2012	General Area	AC(Air Conditioning)	Clear Fault	
Venga(YN)	2012	General Area	AC(Air Conditioning)	Read Data	
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off

model	year	area	system	function	subfunction
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off

model	year	area	system	function	subfunction
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Venga(YN)	2012	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Venga(YN)	2012	General Area	BCM(Body Control Module)	Version Information	
Venga(YN)	2012	General Area	BCM(Body Control Module)	Read Fault Code	
Venga(YN)	2012	General Area	BCM(Body Control Module)	Clear Fault Memory	
Venga(YN)	2012	General Area	BCM(Body Control Module)	Read Data Stream	
Venga(YN)	2012	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Output

model	year	area	system	function	subfunction
Venga(YN)	2012	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Output
Venga(YN)	2012	General Area	BCM(Body Control Module)	Actuation Test	2-Turn Unlock/Dead Lock Output
Venga(YN)	2012	General Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Output
Venga(YN)	2012	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low Output
Venga(YN)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Output
Venga(YN)	2012	General Area	BCM(Body Control Module)	Actuation Test	Power Window Output
Venga(YN)	2012	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window ECU
Venga(YN)	2012	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Venga(YN)	2012	General Area	BCM(Body Control Module)	Actuation Test	Interior Output(DRL
Venga(YN)	2012	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Output
Venga(YN)	2012	General Area	BCM(Body Control Module)	Actuation Test	Hazard Output(+RK)
Venga(YN)	2012	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Output
Venga(YN)	2012	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Output
Venga(YN)	2012	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Output
Venga(YN)	2012	General Area	BCM(Body Control Module)	Actuation Test	Defogger Output
Venga(YN)	2012	General Area	BCM(Body Control Module)	Actuation Test	Deicer Output
Venga(YN)	2012	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Venga(YN)	2012	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Venga(YN)	2012	General Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut
Venga(YN)	2012	General Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Venga(YN)	2012	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Venga(YN)	2012	General Area	BCM(Body Control Module)	Actuation Test	RPAS Off Switch Indicator

model	year	area	system	function	subfunction
Venga(YN)	2012	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Venga(YN)	2012	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Venga(YN)	2012	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Venga(YN)	2012	General Area	BCM(Body Control Module)	Actuation Test	Alternator Management Signal Output
Venga(YN)	2012	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Venga(YN)	2012	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Venga(YN)	2012	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Venga(YN)	2012	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Version Information	
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Read Fault Code	
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Read Data Stream	
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Throttle
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	IMV
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VGT Valve
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan2
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan1
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Power Supply Relay
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	MI Lamp
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug Lamp

model	year	area	system	function	subfunction
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Air Conditioning Relay
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Main Lamp
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise On Lamp
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	PTC
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Water In Fuel Lamp
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	A/C COMPRESSOR
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%

model	year	area	system	function	subfunction
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 5%
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 95%
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 5%
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 95%
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 5%
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 76%
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 5%
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 95%
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Starter Relay
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp

model	year	area	system	function	subfunction
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer

model	year	area	system	function	subfunction
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters

model	year	area	system	function	subfunction
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)

model	year	area	system	function	subfunction
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Special Function	ECU Initialization
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Venga(YN)	2012	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Venga(YN)	2012	General Area	IMMO(Immobilizer)	Read Data	
Venga(YN)	2012	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Venga(YN)	2012	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Venga(YN)	2012	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Venga(YN)	2012	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Venga(YN)	2012	General Area	IMMO(Immobilizer)	Special Function	Teaching
Venga(YN)	2012	General Area	Power Steering	Version	
Venga(YN)	2012	General Area	Power Steering	Read Fault Code	
Venga(YN)	2012	General Area	Power Steering	Clear Fault	
Venga(YN)	2012	General Area	Power Steering	Read Data	
Venga(YN)	2012	General Area	Power Steering	Special Function	ASP Calibration

model	year	area	system	function	subfunction
Venga(YN)	2012	General Area	Power Steering	Special Function	EPS Type Recognition
Venga(YN)	2012	General Area	Smart Key	Version	
Venga(YN)	2012	General Area	Smart Key	Read Fault Code	
Venga(YN)	2012	General Area	Smart Key	Clear Fault	
Venga(YN)	2012	General Area	Smart Key	Read Data	
Venga(YN)	2012	General Area	Smart Key	Actuation Test	SSB LED Amber
Venga(YN)	2012	General Area	Smart Key	Actuation Test	SSB LED Blue/Green
Venga(YN)	2012	General Area	Smart Key	Actuation Test	FOB holder illumination
Venga(YN)	2012	General Area	Smart Key	Actuation Test	SSB illumination
Venga(YN)	2012	General Area	Smart Key	Actuation Test	ACC Relay
Venga(YN)	2012	General Area	Smart Key	Actuation Test	IGN1 Relay
Venga(YN)	2012	General Area	Smart Key	Actuation Test	IGN2 Relay
Venga(YN)	2012	General Area	Smart Key	Actuation Test	START Relay
Venga(YN)	2012	General Area	Smart Key	Actuation Test	Perform ESCL Open Check
Venga(YN)	2012	General Area	Smart Key	Actuation Test	Key Out Indicator
Venga(YN)	2012	General Area	Smart Key	Actuation Test	Immobilizer Indicator
Venga(YN)	2012	General Area	Smart Key	Actuation Test	External Buzzer
Venga(YN)	2012	General Area	Smart Key	Actuation Test	Interior Antenna
Venga(YN)	2012	General Area	Smart Key	Actuation Test	Interior Antenna
Venga(YN)	2012	General Area	Smart Key	Actuation Test	Bumper/Tail Gate Antenna
Venga(YN)	2012	General Area	Smart Key	Actuation Test	Driver Door Handle Antenna
Venga(YN)	2012	General Area	Smart Key	Actuation Test	Right Door Handle Antenna
Venga(YN)	2012	General Area	Smart Key	Actuation Test	Interior Antenna
Venga(YN)	2012	General Area	Smart Key	Special Function	ESCL Open Status Check
Venga(YN)	2012	General Area	Smart Key	Special Function	Neutralization Mode
Venga(YN)	2012	General Area	Smart Key	Special Function	SMK Status Information
Venga(YN)	2012	General Area	Smart Key	Special Function	ESCL Status Information
Venga(YN)	2012	General Area	Smart Key	Special Function	PDM Status Information
Venga(YN)	2012	General Area	Smart Key	Special Function	FOB KEY Status Information
Venga(YN)	2012	General Area	Smart Key	Special Function	Serial Communication Line Check

model	year	area	system	function	subfunction
Venga(YN)	2012	General Area	Smart Key	Special Function	Antenna Status Check
Venga(YN)	2012	General Area	Smart Key	Special Function	Smart Key Code Saving
Venga(YN)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Venga(YN)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Venga(YN)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Venga(YN)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Venga(YN)	2012	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Venga(YN)	2012	General Area	TCM(Transmission Control Module)	Version Information	
Venga(YN)	2012	General Area	TCM(Transmission Control Module)	Read Fault Code	
Venga(YN)	2012	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Venga(YN)	2012	General Area	TCM(Transmission Control Module)	Read Data Stream	
Venga(YN)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
Venga(YN)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
Venga(YN)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE
Venga(YN)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
Venga(YN)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
Venga(YN)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve

model	year	area	system	function	subfunction
Venga(YN)	2012	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
Venga(YN)	2012	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Venga(YN)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Venga(YN)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Venga(YN)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Venga(YN)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Venga(YN)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Venga(YN)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Venga(YN)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Venga(YN)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Venga(YN)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Venga(YN)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Venga(YN)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Venga(YN)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Venga(YN)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Venga(YN)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Venga(YN)	2012	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Venga(YN)	2011	General Area	ABS(Anti-Lock Brake System)	Version Information	
Venga(YN)	2011	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Venga(YN)	2011	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Venga(YN)	2011	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Venga(YN)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Venga(YN)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front

model	year	area	system	function	subfunction
Venga(YN)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Venga(YN)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Venga(YN)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Venga(YN)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Venga(YN)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Venga(YN)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Venga(YN)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Venga(YN)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV1)
Venga(YN)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV2)
Venga(YN)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV1)
Venga(YN)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV2)
Venga(YN)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Speed limited disable
Venga(YN)	2011	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Disable valve relay shutdown
Venga(YN)	2011	General Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Venga(YN)	2011	General Area	ABS(Anti-Lock Brake System)	Special Function	HAC/AX Sensor Calibration
Venga(YN)	2011	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Venga(YN)	2011	General Area	AC(Air Conditioning)	Version	
Venga(YN)	2011	General Area	AC(Air Conditioning)	Read Fault Code	
Venga(YN)	2011	General Area	AC(Air Conditioning)	Clear Fault	
Venga(YN)	2011	General Area	AC(Air Conditioning)	Read Data	
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High

model	year	area	system	function	subfunction
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%

model	year	area	system	function	subfunction
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Venga(YN)	2011	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Venga(YN)	2011	General Area	BCM(Body Control Module)	Version Information	
Venga(YN)	2011	General Area	BCM(Body Control Module)	Read Data Stream	
Venga(YN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Output
Venga(YN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Output
Venga(YN)	2011	General Area	BCM(Body Control Module)	Actuation Test	2-Turn Unlock/Dead Lock Output
Venga(YN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Trunk Release Output
Venga(YN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low Output
Venga(YN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Output

model	year	area	system	function	subfunction
Venga(YN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Power Window Output
Venga(YN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window ECU
Venga(YN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Venga(YN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Interior Output(DRL
Venga(YN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Output
Venga(YN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Hazard Output(+RK)
Venga(YN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Output
Venga(YN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Output
Venga(YN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Output
Venga(YN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Defogger Output
Venga(YN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Deicer Output
Venga(YN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Venga(YN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Venga(YN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Security LED
Venga(YN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Venga(YN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Venga(YN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Venga(YN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Venga(YN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Alternator Management Signal Output
Venga(YN)	2011	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Venga(YN)	2011	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Venga(YN)	2011	General Area	CODE(Transmitter Code Saving)	Read Data Stream	

model	year	area	system	function	subfunction
Venga(YN)	2011	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Version Information	
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Read Fault Code	
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Read Data Stream	
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	EGR Throttle
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	IMV
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	VGT Valve
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan2
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan1
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Power Supply Relay
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	MI Lamp
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug Lamp
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Air Conditioning Relay
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Main Lamp
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cruise On Lamp
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	PTC
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Water In Fuel Lamp
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1

model	year	area	system	function	subfunction
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	A/C COMPRESSOR
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 5%
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 95%
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 5%
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 95%
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%

model	year	area	system	function	subfunction
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 5%
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 76%
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 5%
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 95%
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Starter Relay
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd

model	year	area	system	function	subfunction
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor

model	year	area	system	function	subfunction
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)

model	year	area	system	function	subfunction
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Special Function	ECU Initialization
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Venga(YN)	2011	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Venga(YN)	2011	General Area	IMMO(Immobilizer)	Read Data	
Venga(YN)	2011	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Venga(YN)	2011	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Venga(YN)	2011	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Venga(YN)	2011	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Venga(YN)	2011	General Area	IMMO(Immobilizer)	Special Function	Teaching
Venga(YN)	2011	General Area	Power Steering	Version	
Venga(YN)	2011	General Area	Power Steering	Read Fault Code	
Venga(YN)	2011	General Area	Power Steering	Clear Fault	
Venga(YN)	2011	General Area	Power Steering	Read Data	
Venga(YN)	2011	General Area	Power Steering	Special Function	ASP Calibration
Venga(YN)	2011	General Area	Power Steering	Special Function	EPS Type Recognition
Venga(YN)	2011	General Area	Smart Key	Version	
Venga(YN)	2011	General Area	Smart Key	Read Fault Code	
Venga(YN)	2011	General Area	Smart Key	Clear Fault	
Venga(YN)	2011	General Area	Smart Key	Read Data	
Venga(YN)	2011	General Area	Smart Key	Actuation Test	SSB LED Amber
Venga(YN)	2011	General Area	Smart Key	Actuation Test	SSB LED Blue/Green
Venga(YN)	2011	General Area	Smart Key	Actuation Test	FOB holder illumination
Venga(YN)	2011	General Area	Smart Key	Actuation Test	SSB illumination

model	year	area	system	function	subfunction
Venga(YN)	2011	General Area	Smart Key	Actuation Test	ACC Relay
Venga(YN)	2011	General Area	Smart Key	Actuation Test	IGN1 Relay
Venga(YN)	2011	General Area	Smart Key	Actuation Test	IGN2 Relay
Venga(YN)	2011	General Area	Smart Key	Actuation Test	START Relay
Venga(YN)	2011	General Area	Smart Key	Actuation Test	Perform ESCL Open Check
Venga(YN)	2011	General Area	Smart Key	Actuation Test	Key Out Indicator
Venga(YN)	2011	General Area	Smart Key	Actuation Test	Immobilizer Indicator
Venga(YN)	2011	General Area	Smart Key	Actuation Test	External Buzzer
Venga(YN)	2011	General Area	Smart Key	Actuation Test	Interior Antenna
Venga(YN)	2011	General Area	Smart Key	Actuation Test	Interior Antenna
Venga(YN)	2011	General Area	Smart Key	Actuation Test	Bumper/Tail Gate Antenna
Venga(YN)	2011	General Area	Smart Key	Actuation Test	Driver Door Handle Antenna
Venga(YN)	2011	General Area	Smart Key	Actuation Test	Right Door Handle Antenna
Venga(YN)	2011	General Area	Smart Key	Actuation Test	Interior Antenna
Venga(YN)	2011	General Area	Smart Key	Special Function	ESCL Open Status Check
Venga(YN)	2011	General Area	Smart Key	Special Function	Neutralization Mode
Venga(YN)	2011	General Area	Smart Key	Special Function	SMK Status Information
Venga(YN)	2011	General Area	Smart Key	Special Function	ESCL Status Information
Venga(YN)	2011	General Area	Smart Key	Special Function	PDM Status Information
Venga(YN)	2011	General Area	Smart Key	Special Function	FOB KEY Status Information
Venga(YN)	2011	General Area	Smart Key	Special Function	Serial Communication Line Check
Venga(YN)	2011	General Area	Smart Key	Special Function	Antenna Status Check
Venga(YN)	2011	General Area	Smart Key	Special Function	Smart Key Code Saving
Venga(YN)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Venga(YN)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	

model	year	area	system	function	subfunction
Venga(YN)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Venga(YN)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Venga(YN)	2011	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Venga(YN)	2011	General Area	TCM(Transmission Control Module)	Version Information	
Venga(YN)	2011	General Area	TCM(Transmission Control Module)	Read Fault Code	
Venga(YN)	2011	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Venga(YN)	2011	General Area	TCM(Transmission Control Module)	Read Data Stream	
Venga(YN)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
Venga(YN)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
Venga(YN)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE
Venga(YN)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
Venga(YN)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
Venga(YN)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Venga(YN)	2011	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
Venga(YN)	2011	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Venga(YN)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Venga(YN)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Venga(YN)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Venga(YN)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Venga(YN)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Venga(YN)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Venga(YN)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Venga(YN)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Venga(YN)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Venga(YN)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Venga(YN)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Venga(YN)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Venga(YN)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Venga(YN)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Venga(YN)	2011	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Venga(YN)	2010	General Area	ABS(Anti-Lock Brake System)	Version Information	
Venga(YN)	2010	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Venga(YN)	2010	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Venga(YN)	2010	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Venga(YN)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Venga(YN)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Venga(YN)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Venga(YN)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Venga(YN)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Venga(YN)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Venga(YN)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front

model	year	area	system	function	subfunction
Venga(YN)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Venga(YN)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Venga(YN)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV1)
Venga(YN)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV2)
Venga(YN)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV1)
Venga(YN)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV2)
Venga(YN)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Speed limited disable
Venga(YN)	2010	General Area	ABS(Anti-Lock Brake System)	Actuation Test	Disable valve relay shutdown
Venga(YN)	2010	General Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Venga(YN)	2010	General Area	ABS(Anti-Lock Brake System)	Special Function	HAC/AX Sensor Calibration
Venga(YN)	2010	General Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Venga(YN)	2010	General Area	AC(Air Conditioning)	Version	
Venga(YN)	2010	General Area	AC(Air Conditioning)	Read Fault Code	
Venga(YN)	2010	General Area	AC(Air Conditioning)	Clear Fault	
Venga(YN)	2010	General Area	AC(Air Conditioning)	Read Data	
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Compressor On
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%

model	year	area	system	function	subfunction
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost

model	year	area	system	function	subfunction
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Venga(YN)	2010	General Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Venga(YN)	2010	General Area	BCM(Body Control Module)	Version Information	
Venga(YN)	2010	General Area	BCM(Body Control Module)	Read Data Stream	
Venga(YN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Door Unlock Output
Venga(YN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Door Lock Output
Venga(YN)	2010	General Area	BCM(Body Control Module)	Actuation Test	2-Turn Unlock/Dead Lock Output
Venga(YN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Trunk Release Output
Venga(YN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Wiper Low Output
Venga(YN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Output
Venga(YN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Power Window Output
Venga(YN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Safety Power Window ECU
Venga(YN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Venga(YN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Interior Output(DRL
Venga(YN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Head Lamp Output

model	year	area	system	function	subfunction
Venga(YN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Hazard Output(+RK)
Venga(YN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Front Fog Output
Venga(YN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Rear Fog Output
Venga(YN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Output
Venga(YN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Defogger Output
Venga(YN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Deicer Output
Venga(YN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Venga(YN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Venga(YN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Security LED
Venga(YN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Venga(YN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Driver seat belt indicator
Venga(YN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Venga(YN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Venga(YN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Alternator Management Signal Output
Venga(YN)	2010	General Area	BCM(Body Control Module)	Actuation Test	AV Tail
Venga(YN)	2010	General Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Venga(YN)	2010	General Area	CODE(Transmitter Code Saving)	Read Data Stream	
Venga(YN)	2010	General Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Version Information	
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Read Fault Code	
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	EGR Throttle
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	IMV
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	VGT Valve
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fan2
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fan1
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Power Supply Relay
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	MI Lamp
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Glow Plug Lamp
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Air Conditioning Relay
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Main Lamp
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cruise On Lamp
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	PTC
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Water Heater
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Water In Fuel Lamp
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	A/C COMPRESSOR
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp

model	year	area	system	function	subfunction
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	PTC Heater Relay
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Connected by Wire)
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Connected
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Glow Control Lamp(Connected by Wire)
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Glow Relay
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 5%
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Boost Pressure Actuator 95%
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 5%
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	EGR Valve 95%
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 5%
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Throttle Valve Actuator 95%
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 5%
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Metering Unit 95%
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 5%
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Variable Swirl Control Actuator 95%
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 5%
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Pressure Control Valve 76%
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	ISG Inhibit Lamp

model	year	area	system	function	subfunction
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 5%
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Accelerator Pedal 95%
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Starter Relay
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 5%
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	EGR Cooling by Pass 95%
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM

model	year	area	system	function	subfunction
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6

model	year	area	system	function	subfunction
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2

model	year	area	system	function	subfunction
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Special Function	Injector Specific Data
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Special Function	Component Change Routine
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Special Function	CPF Service Regeneration
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Special Function	ECU Initialization
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Special Function	Fuel Leakage Test
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Special Function	Engine Test Function

model	year	area	system	function	subfunction
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Special Function	Read VIN
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Venga(YN)	2010	General Area	ECM(Engine Control Module)	Special Function	Write VIN
Venga(YN)	2010	General Area	IMMO(Immobilizer)	Read Data	
Venga(YN)	2010	General Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Venga(YN)	2010	General Area	IMMO(Immobilizer)	Special Function	Neutral Mode
Venga(YN)	2010	General Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Venga(YN)	2010	General Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Venga(YN)	2010	General Area	IMMO(Immobilizer)	Special Function	Teaching
Venga(YN)	2010	General Area	Power Steering	Version	
Venga(YN)	2010	General Area	Power Steering	Read Fault Code	
Venga(YN)	2010	General Area	Power Steering	Clear Fault	
Venga(YN)	2010	General Area	Power Steering	Read Data	
Venga(YN)	2010	General Area	Power Steering	Special Function	ASP Calibration
Venga(YN)	2010	General Area	Power Steering	Special Function	EPS Type Recognition
Venga(YN)	2010	General Area	Smart Key	Version	
Venga(YN)	2010	General Area	Smart Key	Read Fault Code	
Venga(YN)	2010	General Area	Smart Key	Clear Fault	
Venga(YN)	2010	General Area	Smart Key	Read Data	
Venga(YN)	2010	General Area	Smart Key	Actuation Test	Key Out Indicator
Venga(YN)	2010	General Area	Smart Key	Actuation Test	Immobilizer Indicator
Venga(YN)	2010	General Area	Smart Key	Actuation Test	External Buzzer
Venga(YN)	2010	General Area	Smart Key	Actuation Test	Interior Antenna
Venga(YN)	2010	General Area	Smart Key	Actuation Test	Interior Antenna
Venga(YN)	2010	General Area	Smart Key	Actuation Test	Bumper/Tail Gate Antenna
Venga(YN)	2010	General Area	Smart Key	Actuation Test	Driver Door Handle Antenna
Venga(YN)	2010	General Area	Smart Key	Actuation Test	Right Door Handle Antenna
Venga(YN)	2010	General Area	Smart Key	Actuation Test	Interior Antenna
Venga(YN)	2010	General Area	Smart Key	Actuation Test	SSB LED Amber
Venga(YN)	2010	General Area	Smart Key	Actuation Test	SSB LED Blue/Green
Venga(YN)	2010	General Area	Smart Key	Actuation Test	FOB holder illumination
Venga(YN)	2010	General Area	Smart Key	Actuation Test	SSB illumination
Venga(YN)	2010	General Area	Smart Key	Actuation Test	ACC Relay
Venga(YN)	2010	General Area	Smart Key	Actuation Test	IGN1 Relay

model	year	area	system	function	subfunction
Venga(YN)	2010	General Area	Smart Key	Actuation Test	IGN2 Relay
Venga(YN)	2010	General Area	Smart Key	Actuation Test	START Relay
Venga(YN)	2010	General Area	Smart Key	Actuation Test	Perform ESCL Open Check
Venga(YN)	2010	General Area	Smart Key	Special Function	Neutralization Mode
Venga(YN)	2010	General Area	Smart Key	Special Function	SMK Status Information
Venga(YN)	2010	General Area	Smart Key	Special Function	ESCL Status Information
Venga(YN)	2010	General Area	Smart Key	Special Function	PDM Status Information
Venga(YN)	2010	General Area	Smart Key	Special Function	FOB KEY Status Information
Venga(YN)	2010	General Area	Smart Key	Special Function	Serial Communication Line Check
Venga(YN)	2010	General Area	Smart Key	Special Function	Antenna Status Check
Venga(YN)	2010	General Area	Smart Key	Special Function	ESCL Open Status Check
Venga(YN)	2010	General Area	Smart Key	Special Function	Smart Key Code Saving
Venga(YN)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Venga(YN)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Venga(YN)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Venga(YN)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Venga(YN)	2010	General Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU Variant Coding
Venga(YN)	2010	General Area	TCM(Transmission Control Module)	Version Information	
Venga(YN)	2010	General Area	TCM(Transmission Control Module)	Read Fault Code	
Venga(YN)	2010	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Venga(YN)	2010	General Area	TCM(Transmission Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Venga(YN)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
Venga(YN)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
Venga(YN)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE
Venga(YN)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
Venga(YN)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
Venga(YN)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Venga(YN)	2010	General Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
Venga(YN)	2010	General Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Venga(YN)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Venga(YN)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Venga(YN)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Venga(YN)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Venga(YN)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Venga(YN)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Venga(YN)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Venga(YN)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Venga(YN)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Venga(YN)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Venga(YN)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps

model	year	area	system	function	subfunction
Venga(YN)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Venga(YN)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Venga(YN)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Venga(YN)	2010	General Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Visto	2004	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Visto	2004	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Visto	2004	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Visto	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	MOTOR
Visto	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE(IN)
Visto	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE(IN)
Visto	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE(IN)
Visto	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE(IN)
Visto	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE(OUT)
Visto	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE(OUT)
Visto	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE(OUT)
Visto	2004	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE(OUT)
Visto	2004	General Area	ECM(Engine Control Module)	Read Fault Code	
Visto	2004	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Visto	2004	General Area	ECM(Engine Control Module)	Read Data Stream	
Visto	2004	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYL.1
Visto	2004	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYL.2
Visto	2004	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYL.3
Visto	2004	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYL.4

model	year	area	system	function	subfunction
Visto	2004	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED ACTUATOR
Visto	2004	General Area	ECM(Engine Control Module)	Actuation Test	MAL.INDICATOR LAMP(MIL)
Visto	2004	General Area	ECM(Engine Control Module)	Actuation Test	FUEL PUMP RELAY
Visto	2004	General Area	ECM(Engine Control Module)	Actuation Test	A/C COMPRESSOR
Visto	2004	General Area	ECM(Engine Control Module)	Actuation Test	COOLING FAN RELAY
Visto	2004	General Area	ECM(Engine Control Module)	Actuation Test	CANISTER PURGE VALVE
Visto	2004	General Area	ECM(Engine Control Module)	Actuation Test	IGNITION COIL-CYL1,4
Visto	2004	General Area	ECM(Engine Control Module)	Actuation Test	IGNITION COIL-CYL2,3
Visto	2004	General Area	ECM(Engine Control Module)	Actuation Test	IMMOBILIZER INDICATOR LAMP
Visto	2004	General Area	ECM(Engine Control Module)	Actuation Test	EVAP.EM.PURGE SOLENOID
Visto	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Visto	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Visto	2004	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Visto	2004	General Area	TCM(Transmission Control Module)	Read Fault Code	
Visto	2004	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Visto	2004	General Area	TCM(Transmission Control Module)	Read Data Stream	
Visto	2004	General Area	TCM(Transmission Control Module)	Actuation Test	PRESSURE CONTROL SOL.VALVE
Visto	2003	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Visto	2003	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Visto	2003	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Visto	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	MOTOR

model	year	area	system	function	subfunction
Visto	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE(IN)
Visto	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE(IN)
Visto	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE(IN)
Visto	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE(IN)
Visto	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE(OUT)
Visto	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE(OUT)
Visto	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE(OUT)
Visto	2003	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE(OUT)
Visto	2003	General Area	ECM(Engine Control Module)	Read Fault Code	
Visto	2003	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Visto	2003	General Area	ECM(Engine Control Module)	Read Data Stream	
Visto	2003	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYL.1
Visto	2003	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYL.2
Visto	2003	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYL.3
Visto	2003	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYL.4
Visto	2003	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED ACTUATOR
Visto	2003	General Area	ECM(Engine Control Module)	Actuation Test	MAL.INDICATOR LAMP(MIL)
Visto	2003	General Area	ECM(Engine Control Module)	Actuation Test	FUEL PUMP RELAY
Visto	2003	General Area	ECM(Engine Control Module)	Actuation Test	A/C COMPRESSOR
Visto	2003	General Area	ECM(Engine Control Module)	Actuation Test	COOLING FAN RELAY
Visto	2003	General Area	ECM(Engine Control Module)	Actuation Test	CANISTER PURGE VALVE
Visto	2003	General Area	ECM(Engine Control Module)	Actuation Test	IGNITION COIL-CYL1,4
Visto	2003	General Area	ECM(Engine Control Module)	Actuation Test	IGNITION COIL-CYL2,3

model	year	area	system	function	subfunction
Visto	2003	General Area	ECM(Engine Control Module)	Actuation Test	IMMOBILIZER INDICATOR LAMP
Visto	2003	General Area	ECM(Engine Control Module)	Actuation Test	EVAP.EM.PURGE SOLENOID
Visto	2003	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Visto	2003	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Visto	2003	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Visto	2003	General Area	TCM(Transmission Control Module)	Read Fault Code	
Visto	2003	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Visto	2003	General Area	TCM(Transmission Control Module)	Read Data Stream	
Visto	2003	General Area	TCM(Transmission Control Module)	Actuation Test	PRESSURE CONTROL SOL.VALVE
Visto	2002	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Visto	2002	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Visto	2002	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Visto	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	MOTOR
Visto	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE(IN)
Visto	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE(IN)
Visto	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE(IN)
Visto	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE(IN)
Visto	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE(OUT)
Visto	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE(OUT)
Visto	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE(OUT)
Visto	2002	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE(OUT)

model	year	area	system	function	subfunction
Visto	2002	General Area	ECM(Engine Control Module)	Read Fault Code	
Visto	2002	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Visto	2002	General Area	ECM(Engine Control Module)	Read Data Stream	
Visto	2002	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYL.1
Visto	2002	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYL.2
Visto	2002	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYL.3
Visto	2002	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYL.4
Visto	2002	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED ACTUATOR
Visto	2002	General Area	ECM(Engine Control Module)	Actuation Test	MAL.INDICATOR LAMP(MIL)
Visto	2002	General Area	ECM(Engine Control Module)	Actuation Test	FUEL PUMP RELAY
Visto	2002	General Area	ECM(Engine Control Module)	Actuation Test	A/C COMPRESSOR
Visto	2002	General Area	ECM(Engine Control Module)	Actuation Test	COOLING FAN RELAY
Visto	2002	General Area	ECM(Engine Control Module)	Actuation Test	CANISTER PURGE VALVE
Visto	2002	General Area	ECM(Engine Control Module)	Actuation Test	IGNITION COIL-CYL1,4
Visto	2002	General Area	ECM(Engine Control Module)	Actuation Test	IGNITION COIL-CYL2,3
Visto	2002	General Area	ECM(Engine Control Module)	Actuation Test	IMMOBILIZER INDICATOR LAMP
Visto	2002	General Area	ECM(Engine Control Module)	Actuation Test	EVAP.EM.PURGE SOLENOID
Visto	2002	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Visto	2002	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Visto	2002	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Visto	2002	General Area	TCM(Transmission Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Visto	2002	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Visto	2002	General Area	TCM(Transmission Control Module)	Read Data Stream	
Visto	2002	General Area	TCM(Transmission Control Module)	Actuation Test	PRESSURE CONTROL SOL.VALVE
Visto	2001	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Visto	2001	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Visto	2001	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Visto	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	MOTOR
Visto	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE(IN)
Visto	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE(IN)
Visto	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE(IN)
Visto	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE(IN)
Visto	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE(OUT)
Visto	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE(OUT)
Visto	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE(OUT)
Visto	2001	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE(OUT)
Visto	2001	General Area	ECM(Engine Control Module)	Read Fault Code	
Visto	2001	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Visto	2001	General Area	ECM(Engine Control Module)	Read Data Stream	
Visto	2001	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYL.1
Visto	2001	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYL.2
Visto	2001	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYL.3
Visto	2001	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYL.4

model	year	area	system	function	subfunction
Visto	2001	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED ACTUATOR
Visto	2001	General Area	ECM(Engine Control Module)	Actuation Test	MAL.INDICATOR LAMP(MIL)
Visto	2001	General Area	ECM(Engine Control Module)	Actuation Test	FUEL PUMP RELAY
Visto	2001	General Area	ECM(Engine Control Module)	Actuation Test	A/C COMPRESSOR
Visto	2001	General Area	ECM(Engine Control Module)	Actuation Test	COOLING FAN RELAY
Visto	2001	General Area	ECM(Engine Control Module)	Actuation Test	CANISTER PURGE VALVE
Visto	2001	General Area	ECM(Engine Control Module)	Actuation Test	IGNITION COIL-CYL1,4
Visto	2001	General Area	ECM(Engine Control Module)	Actuation Test	IGNITION COIL-CYL2,3
Visto	2001	General Area	ECM(Engine Control Module)	Actuation Test	IMMOBILIZER INDICATOR LAMP
Visto	2001	General Area	ECM(Engine Control Module)	Actuation Test	EVAP.EM.PURGE SOLENOID
Visto	2001	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Visto	2001	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Visto	2001	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Visto	2001	General Area	TCM(Transmission Control Module)	Read Fault Code	
Visto	2001	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Visto	2001	General Area	TCM(Transmission Control Module)	Read Data Stream	
Visto	2001	General Area	TCM(Transmission Control Module)	Actuation Test	PRESSURE CONTROL SOL.VALVE
Visto	2000	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Visto	2000	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Visto	2000	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Visto	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	MOTOR

model	year	area	system	function	subfunction
Visto	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE(IN)
Visto	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE(IN)
Visto	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE(IN)
Visto	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE(IN)
Visto	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE(OUT)
Visto	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE(OUT)
Visto	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE(OUT)
Visto	2000	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE(OUT)
Visto	2000	General Area	ECM(Engine Control Module)	Read Fault Code	
Visto	2000	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Visto	2000	General Area	ECM(Engine Control Module)	Read Data Stream	
Visto	2000	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYL.1
Visto	2000	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYL.2
Visto	2000	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYL.3
Visto	2000	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYL.4
Visto	2000	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED ACTUATOR
Visto	2000	General Area	ECM(Engine Control Module)	Actuation Test	MAL.INDICATOR LAMP(MIL)
Visto	2000	General Area	ECM(Engine Control Module)	Actuation Test	FUEL PUMP RELAY
Visto	2000	General Area	ECM(Engine Control Module)	Actuation Test	A/C COMPRESSOR
Visto	2000	General Area	ECM(Engine Control Module)	Actuation Test	COOLING FAN RELAY
Visto	2000	General Area	ECM(Engine Control Module)	Actuation Test	CANISTER PURGE VALVE
Visto	2000	General Area	ECM(Engine Control Module)	Actuation Test	IGNITION COIL-CYL1,4
Visto	2000	General Area	ECM(Engine Control Module)	Actuation Test	IGNITION COIL-CYL2,3

model	year	area	system	function	subfunction
Visto	2000	General Area	ECM(Engine Control Module)	Actuation Test	IMMOBILIZER INDICATOR LAMP
Visto	2000	General Area	ECM(Engine Control Module)	Actuation Test	EVAP.EM.PURGE SOLENOID
Visto	2000	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Visto	2000	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Visto	2000	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Visto	2000	General Area	TCM(Transmission Control Module)	Read Fault Code	
Visto	2000	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Visto	2000	General Area	TCM(Transmission Control Module)	Read Data Stream	
Visto	2000	General Area	TCM(Transmission Control Module)	Actuation Test	PRESSURE CONTROL SOL.VALVE
Visto	1999	General Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Visto	1999	General Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Visto	1999	General Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Visto	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	MOTOR
Visto	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE(IN)
Visto	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE(IN)
Visto	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE(IN)
Visto	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE(IN)
Visto	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE(OUT)
Visto	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE(OUT)
Visto	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR LEFT VALVE(OUT)
Visto	1999	General Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR RIGHT VALVE(OUT)

model	year	area	system	function	subfunction
Visto	1999	General Area	ECM(Engine Control Module)	Read Fault Code	
Visto	1999	General Area	ECM(Engine Control Module)	Clear Fault Memory	
Visto	1999	General Area	ECM(Engine Control Module)	Read Data Stream	
Visto	1999	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYL.1
Visto	1999	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYL.2
Visto	1999	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYL.3
Visto	1999	General Area	ECM(Engine Control Module)	Actuation Test	INJECTOR-CYL.4
Visto	1999	General Area	ECM(Engine Control Module)	Actuation Test	IDLE SPEED ACTUATOR
Visto	1999	General Area	ECM(Engine Control Module)	Actuation Test	MAL.INDICATOR LAMP(MIL)
Visto	1999	General Area	ECM(Engine Control Module)	Actuation Test	FUEL PUMP RELAY
Visto	1999	General Area	ECM(Engine Control Module)	Actuation Test	A/C COMPRESSOR
Visto	1999	General Area	ECM(Engine Control Module)	Actuation Test	COOLING FAN RELAY
Visto	1999	General Area	ECM(Engine Control Module)	Actuation Test	CANISTER PURGE VALVE
Visto	1999	General Area	ECM(Engine Control Module)	Actuation Test	IGNITION COIL-CYL1,4
Visto	1999	General Area	ECM(Engine Control Module)	Actuation Test	IGNITION COIL-CYL2,3
Visto	1999	General Area	ECM(Engine Control Module)	Actuation Test	IMMOBILIZER INDICATOR LAMP
Visto	1999	General Area	ECM(Engine Control Module)	Actuation Test	EVAP.EM.PURGE SOLENOID
Visto	1999	General Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Visto	1999	General Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Visto	1999	General Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Visto	1999	General Area	TCM(Transmission Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Visto	1999	General Area	TCM(Transmission Control Module)	Clear Fault Memory	
Visto	1999	General Area	TCM(Transmission Control Module)	Read Data Stream	
Visto	1999	General Area	TCM(Transmission Control Module)	Actuation Test	PRESSURE CONTROL SOL.VALVE
Amanti(GH)	2009	USA Area	AC(Air Conditioning)	Version	
Amanti(GH)	2009	USA Area	AC(Air Conditioning)	Read Fault Code	
Amanti(GH)	2009	USA Area	AC(Air Conditioning)	Clear Fault	
Amanti(GH)	2009	USA Area	AC(Air Conditioning)	Read Data	
Amanti(GH)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Amanti(GH)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Amanti(GH)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Amanti(GH)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Amanti(GH)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Amanti(GH)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Amanti(GH)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Amanti(GH)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Amanti(GH)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Amanti(GH)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Amanti(GH)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Amanti(GH)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Amanti(GH)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Amanti(GH)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Amanti(GH)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Amanti(GH)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Amanti(GH)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Amanti(GH)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost

model	year	area	system	function	subfunction
Amanti(GH)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Amanti(GH)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Amanti(GH)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Amanti(GH)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Amanti(GH)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Amanti(GH)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Amanti(GH)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Version Information	
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Read Fault Code	
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Read Data Stream	
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Tail lamp
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Head lamp low
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Head lamp high
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Defogger relay
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Trunk Release
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay

model	year	area	system	function	subfunction
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Brake Lamp Failure Indicator
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Left
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Chime Bell
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Seatbelt Indicator
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Recline Power Seat-Forward
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Recline Power Seat-Backward
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Assist Window Auto Up
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Assist Window Auto Down
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Right Rear Power Window-Auto Up
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Right Rear Power Window-Auto Down
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Right Outside Mirror-Up

model	year	area	system	function	subfunction
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Right Outside Mirror-Down
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Right Outside Mirror-Left
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Right Outside Mirror-Right
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Central door lock
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Central door unlock
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Driver Power Window Auto Up
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Driver Power Window Auto
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Auto Up-Left Rear
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Auto Down-Left Rear
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Left Outside Mirror-Up
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Left Outside Mirror-Down
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Left Outside Mirror-Left
Amanti(GH)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Left Outside Mirror-Right
Amanti(GH)	2009	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Amanti(GH)	2009	USA Area	CODE(Transmitter Code Saving)	Special Function	Register Transmitter
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Version Information	
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Read Fault Code	
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Read Data Stream	
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3

model	year	area	system	function	subfunction
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2

model	year	area	system	function	subfunction
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Special Function	ETC Motor Cleaning
Amanti(GH)	2009	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Amanti(GH)	2009	USA Area	EPS(Electronic Power Steering)	Version Information	
Amanti(GH)	2009	USA Area	EPS(Electronic Power Steering)	Read Fault Code	
Amanti(GH)	2009	USA Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Amanti(GH)	2009	USA Area	EPS(Electronic Power Steering)	Read Data Stream	
Amanti(GH)	2009	USA Area	ESP(Electronic Stability Program)	Version Information	
Amanti(GH)	2009	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Amanti(GH)	2009	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Amanti(GH)	2009	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Amanti(GH)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Amanti(GH)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Amanti(GH)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Amanti(GH)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Amanti(GH)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear

model	year	area	system	function	subfunction
Amanti(GH)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Amanti(GH)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Amanti(GH)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Amanti(GH)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Amanti(GH)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Amanti(GH)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Amanti(GH)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Left
Amanti(GH)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Right
Amanti(GH)	2009	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Amanti(GH)	2009	USA Area	IMMO(Immobilizer)	Read Data	
Amanti(GH)	2009	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Amanti(GH)	2009	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Amanti(GH)	2009	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Amanti(GH)	2009	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Amanti(GH)	2009	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Amanti(GH)	2009	USA Area	Smart Key	Version	
Amanti(GH)	2009	USA Area	Smart Key	Read Fault Code	
Amanti(GH)	2009	USA Area	Smart Key	Clear Fault	
Amanti(GH)	2009	USA Area	Smart Key	Read Data	
Amanti(GH)	2009	USA Area	Smart Key	Actuation Test	Immobilizer Indicator Lamp
Amanti(GH)	2009	USA Area	Smart Key	Actuation Test	External Buzzer Output
Amanti(GH)	2009	USA Area	Smart Key	Actuation Test	Interior Antenna1 Active
Amanti(GH)	2009	USA Area	Smart Key	Actuation Test	Interior Antenna2 Active
Amanti(GH)	2009	USA Area	Smart Key	Actuation Test	Trunk Antenna
Amanti(GH)	2009	USA Area	Smart Key	Actuation Test	Bumper Antenna Active
Amanti(GH)	2009	USA Area	Smart Key	Actuation Test	Left Door Handle Antenna
Amanti(GH)	2009	USA Area	Smart Key	Actuation Test	Passenger Door Handle Antenna Active

model	year	area	system	function	subfunction
Amanti(GH)	2009	USA Area	Smart Key	Actuation Test	SSB LED Amber
Amanti(GH)	2009	USA Area	Smart Key	Actuation Test	SSB LED Blue/Green
Amanti(GH)	2009	USA Area	Smart Key	Actuation Test	FOB holder illumination
Amanti(GH)	2009	USA Area	Smart Key	Actuation Test	SSB illumination
Amanti(GH)	2009	USA Area	Smart Key	Actuation Test	ACC Relay
Amanti(GH)	2009	USA Area	Smart Key	Actuation Test	IGN1 Relay
Amanti(GH)	2009	USA Area	Smart Key	Actuation Test	IGN2 Relay
Amanti(GH)	2009	USA Area	Smart Key	Actuation Test	START Relay
Amanti(GH)	2009	USA Area	Smart Key	Actuation Test	Perform ESCL Open Check
Amanti(GH)	2009	USA Area	Smart Key	Special Function	Neutralization Mode
Amanti(GH)	2009	USA Area	Smart Key	Special Function	SMK Status Information
Amanti(GH)	2009	USA Area	Smart Key	Special Function	ESCL Status Information
Amanti(GH)	2009	USA Area	Smart Key	Special Function	PDM Status Information
Amanti(GH)	2009	USA Area	Smart Key	Special Function	FOB KEY Status Information
Amanti(GH)	2009	USA Area	Smart Key	Special Function	Serial Communication Line Check
Amanti(GH)	2009	USA Area	Smart Key	Special Function	Antenna Status Check
Amanti(GH)	2009	USA Area	Smart Key	Special Function	Smart Key Code Saving
Amanti(GH)	2009	USA Area	Smart Key	Special Function	ESCL Open Status Check
Amanti(GH)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Amanti(GH)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Amanti(GH)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Amanti(GH)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Amanti(GH)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.

model	year	area	system	function	subfunction
Amanti(GH)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	STPS Status
Amanti(GH)	2009	USA Area	TCM(Transmission Control Module)	Version Information	
Amanti(GH)	2009	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Amanti(GH)	2009	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Amanti(GH)	2009	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Amanti(GH)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Amanti(GH)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Amanti(GH)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Amanti(GH)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Amanti(GH)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Amanti(GH)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Amanti(GH)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Amanti(GH)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Amanti(GH)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Amanti(GH)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Amanti(GH)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Amanti(GH)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Amanti(GH)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay(5A/T ONLY)
Amanti(GH)	2009	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Amanti(GH)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Amanti(GH)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Amanti(GH)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Amanti(GH)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Amanti(GH)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Amanti(GH)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Amanti(GH)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Amanti(GH)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Amanti(GH)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Amanti(GH)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Amanti(GH)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Amanti(GH)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Amanti(GH)	2008	USA Area	AC(Air Conditioning)	Version	
Amanti(GH)	2008	USA Area	AC(Air Conditioning)	Read Fault Code	
Amanti(GH)	2008	USA Area	AC(Air Conditioning)	Clear Fault	
Amanti(GH)	2008	USA Area	AC(Air Conditioning)	Read Data	
Amanti(GH)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Amanti(GH)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Amanti(GH)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Amanti(GH)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Amanti(GH)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Amanti(GH)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Amanti(GH)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Amanti(GH)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Amanti(GH)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Amanti(GH)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Amanti(GH)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Amanti(GH)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Amanti(GH)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent

model	year	area	system	function	subfunction
Amanti(GH)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Amanti(GH)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Amanti(GH)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Amanti(GH)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Amanti(GH)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Amanti(GH)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Amanti(GH)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Amanti(GH)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Amanti(GH)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Amanti(GH)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Amanti(GH)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Amanti(GH)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Version Information	
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Read Fault Code	
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Read Data Stream	
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Tail lamp
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Head lamp low
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Head lamp high
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator

model	year	area	system	function	subfunction
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Defogger relay
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Trunk Release
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Brake Lamp Failure Indicator
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Left
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Chime Bell
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Seatbelt Indicator
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Recline Power Seat-Forward
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Recline Power Seat-Backward
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Assist Window Auto Up

model	year	area	system	function	subfunction
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Assist Window Auto Down
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Right Rear Power Window-Auto Up
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Right Rear Power Window-Auto Down
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Right Outside Mirror-Up
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Right Outside Mirror-Down
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Right Outside Mirror-Left
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Right Outside Mirror-Right
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Central door lock
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Central door unlock
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Driver Power Window Auto Up
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Driver Power Window Auto
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Auto Up-Left Rear
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Auto Down-Left Rear
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Left Outside Mirror-Up
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Left Outside Mirror-Down
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Left Outside Mirror-Left
Amanti(GH)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Left Outside Mirror-Right
Amanti(GH)	2008	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Amanti(GH)	2008	USA Area	CODE(Transmitter Code Saving)	Special Function	Register Transmitter
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Version Information	
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Read Fault Code	
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Read Data Stream	
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1

model	year	area	system	function	subfunction
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Special Function	ETC Motor Cleaning
Amanti(GH)	2008	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Amanti(GH)	2008	USA Area	EPS(Electronic Power Steering)	Version Information	
Amanti(GH)	2008	USA Area	EPS(Electronic Power Steering)	Read Fault Code	
Amanti(GH)	2008	USA Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Amanti(GH)	2008	USA Area	EPS(Electronic Power Steering)	Read Data Stream	
Amanti(GH)	2008	USA Area	ESP(Electronic Stability Program)	Version Information	
Amanti(GH)	2008	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Amanti(GH)	2008	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Amanti(GH)	2008	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Amanti(GH)	2008	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor

model	year	area	system	function	subfunction
Amanti(GH)	2008	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Amanti(GH)	2008	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Amanti(GH)	2008	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Amanti(GH)	2008	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Amanti(GH)	2008	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Amanti(GH)	2008	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Amanti(GH)	2008	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Amanti(GH)	2008	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Amanti(GH)	2008	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Amanti(GH)	2008	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Amanti(GH)	2008	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Left
Amanti(GH)	2008	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Right
Amanti(GH)	2008	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Amanti(GH)	2008	USA Area	IMMO(Immobilizer)	Read Data	
Amanti(GH)	2008	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Amanti(GH)	2008	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Amanti(GH)	2008	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Amanti(GH)	2008	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Amanti(GH)	2008	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Amanti(GH)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Amanti(GH)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Amanti(GH)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Amanti(GH)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	

model	year	area	system	function	subfunction
Amanti(GH)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Amanti(GH)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	STPS Status
Amanti(GH)	2008	USA Area	TCM(Transmission Control Module)	Version Information	
Amanti(GH)	2008	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Amanti(GH)	2008	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Amanti(GH)	2008	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Amanti(GH)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Amanti(GH)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Amanti(GH)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Amanti(GH)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Amanti(GH)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Amanti(GH)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Amanti(GH)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Amanti(GH)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Amanti(GH)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Amanti(GH)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Amanti(GH)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Amanti(GH)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Amanti(GH)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay(5A/T ONLY)
Amanti(GH)	2008	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Amanti(GH)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Amanti(GH)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	

model	year	area	system	function	subfunction
Amanti(GH)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Amanti(GH)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Amanti(GH)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Amanti(GH)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Amanti(GH)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Amanti(GH)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Amanti(GH)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Amanti(GH)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Amanti(GH)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Amanti(GH)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Amanti(GH)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Amanti(GH)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Amanti(GH)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Amanti(GH)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Amanti(GH)	2007	USA Area	AC(Air Conditioning)	Version	
Amanti(GH)	2007	USA Area	AC(Air Conditioning)	Read Fault Code	
Amanti(GH)	2007	USA Area	AC(Air Conditioning)	Clear Fault	
Amanti(GH)	2007	USA Area	AC(Air Conditioning)	Read Data	
Amanti(GH)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Amanti(GH)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Amanti(GH)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Amanti(GH)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Amanti(GH)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Amanti(GH)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Amanti(GH)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Amanti(GH)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%

model	year	area	system	function	subfunction
Amanti(GH)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Amanti(GH)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Amanti(GH)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Amanti(GH)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Amanti(GH)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Amanti(GH)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Amanti(GH)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Amanti(GH)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Amanti(GH)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Amanti(GH)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Amanti(GH)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Amanti(GH)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Amanti(GH)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Amanti(GH)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Amanti(GH)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Amanti(GH)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Amanti(GH)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Version Information	
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Read Fault Code	
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Read Data Stream	
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Tail lamp

model	year	area	system	function	subfunction
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Head lamp low
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Head lamp high
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Defogger relay
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Trunk Release
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Brake Lamp Failure Indicator
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Left
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Chime Bell
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Seatbelt Indicator
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Recline Power Seat-Forward
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Recline Power Seat-Backward

model	year	area	system	function	subfunction
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Assist Window Auto Up
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Assist Window Auto Down
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Right Rear Power Window-Auto Up
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Right Rear Power Window-Auto Down
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Right Outside Mirror-Up
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Right Outside Mirror-Down
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Right Outside Mirror-Left
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Right Outside Mirror-Right
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Central door lock
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Central door unlock
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Driver Power Window Auto Up
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Driver Power Window Auto
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Auto Up-Left Rear
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Auto Down-Left Rear
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Left Outside Mirror-Up
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Left Outside Mirror-Down
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Left Outside Mirror-Left
Amanti(GH)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Left Outside Mirror-Right

model	year	area	system	function	subfunction
Amanti(GH)	2007	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Amanti(GH)	2007	USA Area	CODE(Transmitter Code Saving)	Special Function	Register Transmitter
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Version Information	
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Read Fault Code	
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Read Data Stream	
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Special Function	ETC Motor Cleaning
Amanti(GH)	2007	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Amanti(GH)	2007	USA Area	EPS(Electronic Power Steering)	Version Information	
Amanti(GH)	2007	USA Area	EPS(Electronic Power Steering)	Read Fault Code	
Amanti(GH)	2007	USA Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Amanti(GH)	2007	USA Area	EPS(Electronic Power Steering)	Read Data Stream	

model	year	area	system	function	subfunction
Amanti(GH)	2007	USA Area	ESP(Electronic Stability Program)	Version Information	
Amanti(GH)	2007	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Amanti(GH)	2007	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Amanti(GH)	2007	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Amanti(GH)	2007	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Amanti(GH)	2007	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Amanti(GH)	2007	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Amanti(GH)	2007	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Amanti(GH)	2007	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Amanti(GH)	2007	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Amanti(GH)	2007	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Amanti(GH)	2007	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Amanti(GH)	2007	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Amanti(GH)	2007	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Amanti(GH)	2007	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Amanti(GH)	2007	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Left
Amanti(GH)	2007	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Right
Amanti(GH)	2007	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Amanti(GH)	2007	USA Area	IMMO(Immobilizer)	Read Data	
Amanti(GH)	2007	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Amanti(GH)	2007	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Amanti(GH)	2007	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Amanti(GH)	2007	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Amanti(GH)	2007	USA Area	IMMO(Immobilizer)	Special Function	Teaching

model	year	area	system	function	subfunction
Amanti(GH)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Amanti(GH)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Amanti(GH)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Amanti(GH)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Amanti(GH)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Amanti(GH)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	STPS Status
Amanti(GH)	2007	USA Area	TCM(Transmission Control Module)	Version Information	
Amanti(GH)	2007	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Amanti(GH)	2007	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Amanti(GH)	2007	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Amanti(GH)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Amanti(GH)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Amanti(GH)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Amanti(GH)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Amanti(GH)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Amanti(GH)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Amanti(GH)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Amanti(GH)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Amanti(GH)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Amanti(GH)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp

model	year	area	system	function	subfunction
Amanti(GH)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Amanti(GH)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Amanti(GH)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay(5A/T ONLY)
Amanti(GH)	2007	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Amanti(GH)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Amanti(GH)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Amanti(GH)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Amanti(GH)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Amanti(GH)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Amanti(GH)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Amanti(GH)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Amanti(GH)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Amanti(GH)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Amanti(GH)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Amanti(GH)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Amanti(GH)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Amanti(GH)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Amanti(GH)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Amanti(GH)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Amanti(GH)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Amanti(GH)	2006	USA Area	AC(Air Conditioning)	Version	
Amanti(GH)	2006	USA Area	AC(Air Conditioning)	Read Fault Code	
Amanti(GH)	2006	USA Area	AC(Air Conditioning)	Clear Fault	
Amanti(GH)	2006	USA Area	AC(Air Conditioning)	Read Data	
Amanti(GH)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Amanti(GH)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off

model	year	area	system	function	subfunction
Amanti(GH)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Amanti(GH)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Amanti(GH)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Amanti(GH)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Amanti(GH)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Amanti(GH)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Amanti(GH)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Amanti(GH)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Amanti(GH)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Amanti(GH)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Amanti(GH)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Amanti(GH)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Amanti(GH)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Amanti(GH)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Outlet Mode-
Amanti(GH)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Outlet Mode-
Amanti(GH)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Outlet Mode-Defrost
Amanti(GH)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Amanti(GH)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Amanti(GH)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Amanti(GH)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Amanti(GH)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Amanti(GH)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%

model	year	area	system	function	subfunction
Amanti(GH)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Version Information	
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Read Fault Code	
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Read Data Stream	
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Tail lamp
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Head lamp low
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Head lamp high
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Defogger relay
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Trunk Release
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Brake Lamp Failure Indicator
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal-Left
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Chime Bell
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination

model	year	area	system	function	subfunction
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Seatbelt Indicator
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Immobilizer Lamp
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Recline Power Seat-Forward
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Recline Power Seat-Backward
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Assist Window Auto Up
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Assist Window Auto Down
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Right Rear Power Window-Auto Up
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Right Rear Power Window-Auto Down
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Right Outside Mirror-Up
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Right Outside Mirror-Down
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Right Outside Mirror-Left
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Right Outside Mirror-Right
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Central door lock
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Central door unlock
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Driver Power Window Auto Up
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Driver Power Window Auto

model	year	area	system	function	subfunction
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Auto Up-Left Rear
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Auto Down-Left Rear
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Left Outside Mirror-Up
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Left Outside Mirror-Down
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Left Outside Mirror-Left
Amanti(GH)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Left Outside Mirror-Right
Amanti(GH)	2006	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Amanti(GH)	2006	USA Area	CODE(Transmitter Code Saving)	Special Function	Register Transmitter
Amanti(GH)	2006	USA Area	ECM(Engine Control Module)	Version Information	
Amanti(GH)	2006	USA Area	ECM(Engine Control Module)	Read Fault Code	
Amanti(GH)	2006	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Amanti(GH)	2006	USA Area	ECM(Engine Control Module)	Read Data Stream	
Amanti(GH)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Amanti(GH)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Amanti(GH)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Amanti(GH)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Amanti(GH)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Amanti(GH)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Amanti(GH)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Amanti(GH)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Purge Control Solenoid Valve
Amanti(GH)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Amanti(GH)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High

model	year	area	system	function	subfunction
Amanti(GH)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Amanti(GH)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Amanti(GH)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Limp Home Solenoid Valve
Amanti(GH)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Purge Solenoid Vent
Amanti(GH)	2006	USA Area	EPS(Electronic Power Steering)	Version Information	
Amanti(GH)	2006	USA Area	EPS(Electronic Power Steering)	Read Fault Code	
Amanti(GH)	2006	USA Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Amanti(GH)	2006	USA Area	EPS(Electronic Power Steering)	Read Data Stream	
Amanti(GH)	2006	USA Area	ESP(Electronic Stability Program)	Version Information	
Amanti(GH)	2006	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Amanti(GH)	2006	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Amanti(GH)	2006	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Amanti(GH)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Amanti(GH)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Amanti(GH)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Amanti(GH)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Amanti(GH)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Amanti(GH)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Amanti(GH)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Amanti(GH)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Amanti(GH)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Amanti(GH)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Amanti(GH)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front

model	year	area	system	function	subfunction
Amanti(GH)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Left
Amanti(GH)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Right
Amanti(GH)	2006	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Amanti(GH)	2006	USA Area	IMMO(Immobilizer)	Read Data	
Amanti(GH)	2006	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Amanti(GH)	2006	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Amanti(GH)	2006	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Amanti(GH)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Amanti(GH)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Amanti(GH)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Amanti(GH)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Amanti(GH)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Amanti(GH)	2006	USA Area	TCM(Transmission Control Module)	Version Information	
Amanti(GH)	2006	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Amanti(GH)	2006	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Amanti(GH)	2006	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Amanti(GH)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Amanti(GH)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Amanti(GH)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Amanti(GH)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Amanti(GH)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Amanti(GH)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)

model	year	area	system	function	subfunction
Amanti(GH)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Amanti(GH)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Amanti(GH)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Amanti(GH)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Amanti(GH)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Amanti(GH)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Amanti(GH)	2006	USA Area	TCM(Transmission Control Module)	Special Function	Init of TCU Learning
Amanti(GH)	2005	USA Area	AC(Air Conditioning)	Version	
Amanti(GH)	2005	USA Area	AC(Air Conditioning)	Read Fault Code	
Amanti(GH)	2005	USA Area	AC(Air Conditioning)	Clear Fault	
Amanti(GH)	2005	USA Area	AC(Air Conditioning)	Read Data	
Amanti(GH)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Amanti(GH)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Amanti(GH)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Amanti(GH)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Amanti(GH)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Amanti(GH)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Amanti(GH)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Amanti(GH)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Amanti(GH)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Amanti(GH)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Amanti(GH)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Amanti(GH)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Amanti(GH)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Amanti(GH)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor

model	year	area	system	function	subfunction
Amanti(GH)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Amanti(GH)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Outlet Mode-
Amanti(GH)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Outlet Mode-
Amanti(GH)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Outlet Mode-Defrost
Amanti(GH)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Amanti(GH)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Amanti(GH)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Amanti(GH)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Amanti(GH)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Amanti(GH)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Amanti(GH)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Version Information	
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Read Fault Code	
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Read Data Stream	
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Tail lamp
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Head lamp low
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Head lamp high
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay

model	year	area	system	function	subfunction
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Defogger relay
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Trunk Release
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Brake Lamp Failure Indicator
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal-Left
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Chime Bell
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Seatbelt Indicator
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Immobilizer Lamp
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Recline Power Seat-Forward
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Recline Power Seat-Backward
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Assist Window Auto Up
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Assist Window Auto Down

model	year	area	system	function	subfunction
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Right Rear Power Window-Auto Up
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Right Rear Power Window-Auto Down
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Right Outside Mirror-Up
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Right Outside Mirror-Down
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Right Outside Mirror-Left
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Right Outside Mirror-Right
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Central door lock
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Central door unlock
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Driver Power Window Auto Up
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Driver Power Window Auto
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Auto Up-Left Rear
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Auto Down-Left Rear
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Left Outside Mirror-Up
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Left Outside Mirror-Down
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Left Outside Mirror-Left
Amanti(GH)	2005	USA Area	BCM(Body Control Module)	Actuation Test	Left Outside Mirror-Right
Amanti(GH)	2005	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Amanti(GH)	2005	USA Area	CODE(Transmitter Code Saving)	Special Function	Register Transmitter
Amanti(GH)	2005	USA Area	ECM(Engine Control Module)	Version Information	
Amanti(GH)	2005	USA Area	ECM(Engine Control Module)	Read Fault Code	
Amanti(GH)	2005	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Amanti(GH)	2005	USA Area	ECM(Engine Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Amanti(GH)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Amanti(GH)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Amanti(GH)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Amanti(GH)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Amanti(GH)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Amanti(GH)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Amanti(GH)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Amanti(GH)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Purge Control Solenoid Valve
Amanti(GH)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Amanti(GH)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Amanti(GH)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Amanti(GH)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Amanti(GH)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Limp Home Solenoid Valve
Amanti(GH)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Purge Solenoid Vent
Amanti(GH)	2005	USA Area	EPS(Electronic Power Steering)	Version Information	
Amanti(GH)	2005	USA Area	EPS(Electronic Power Steering)	Read Fault Code	
Amanti(GH)	2005	USA Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Amanti(GH)	2005	USA Area	EPS(Electronic Power Steering)	Read Data Stream	
Amanti(GH)	2005	USA Area	ESP(Electronic Stability Program)	Version Information	
Amanti(GH)	2005	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Amanti(GH)	2005	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Amanti(GH)	2005	USA Area	ESP(Electronic Stability Program)	Read Data Stream	

model	year	area	system	function	subfunction
Amanti(GH)	2005	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Amanti(GH)	2005	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Amanti(GH)	2005	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Amanti(GH)	2005	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Amanti(GH)	2005	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Amanti(GH)	2005	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Amanti(GH)	2005	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Amanti(GH)	2005	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Amanti(GH)	2005	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Amanti(GH)	2005	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Amanti(GH)	2005	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Amanti(GH)	2005	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Left
Amanti(GH)	2005	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Right
Amanti(GH)	2005	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Amanti(GH)	2005	USA Area	IMMO(Immobilizer)	Read Data	
Amanti(GH)	2005	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Amanti(GH)	2005	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Amanti(GH)	2005	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Amanti(GH)	2005	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Amanti(GH)	2005	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Amanti(GH)	2005	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Amanti(GH)	2005	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	

model	year	area	system	function	subfunction
Amanti(GH)	2005	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Amanti(GH)	2005	USA Area	TCM(Transmission Control Module)	Version Information	
Amanti(GH)	2005	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Amanti(GH)	2005	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Amanti(GH)	2005	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Amanti(GH)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Amanti(GH)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Amanti(GH)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Amanti(GH)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Amanti(GH)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Amanti(GH)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Amanti(GH)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Amanti(GH)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Amanti(GH)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Amanti(GH)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Amanti(GH)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Amanti(GH)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Amanti(GH)	2005	USA Area	TCM(Transmission Control Module)	Special Function	Init of TCU Learning
Amanti(GH)	2004	USA Area	AC(Air Conditioning)	Version	
Amanti(GH)	2004	USA Area	AC(Air Conditioning)	Read Fault Code	
Amanti(GH)	2004	USA Area	AC(Air Conditioning)	Clear Fault	
Amanti(GH)	2004	USA Area	AC(Air Conditioning)	Read Data	
Amanti(GH)	2004	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Amanti(GH)	2004	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Amanti(GH)	2004	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off

model	year	area	system	function	subfunction
Amanti(GH)	2004	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Amanti(GH)	2004	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Amanti(GH)	2004	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Amanti(GH)	2004	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Amanti(GH)	2004	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Amanti(GH)	2004	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Amanti(GH)	2004	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Amanti(GH)	2004	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Amanti(GH)	2004	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Amanti(GH)	2004	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Amanti(GH)	2004	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Amanti(GH)	2004	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Amanti(GH)	2004	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Outlet Mode-
Amanti(GH)	2004	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Outlet Mode-
Amanti(GH)	2004	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Outlet Mode-Defrost
Amanti(GH)	2004	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Amanti(GH)	2004	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Amanti(GH)	2004	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Amanti(GH)	2004	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Amanti(GH)	2004	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Amanti(GH)	2004	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Amanti(GH)	2004	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%

model	year	area	system	function	subfunction
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Version Information	
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Read Fault Code	
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Read Data Stream	
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Tail lamp
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Head lamp low
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Head lamp high
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Defogger relay
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Trunk Release
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Brake Lamp Failure Indicator
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal-Left
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Chime Bell
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Seatbelt Indicator

model	year	area	system	function	subfunction
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Immobilizer Lamp
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Recline Power Seat-Forward
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Recline Power Seat-Backward
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Assist Window Auto Up
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Assist Window Auto Down
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Right Rear Power Window-Auto Up
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Right Rear Power Window-Auto Down
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Right Outside Mirror-Up
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Right Outside Mirror-Down
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Right Outside Mirror-Left
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Right Outside Mirror-Right
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Central door lock
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Central door unlock
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Driver Power Window Auto Up
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Driver Power Window Auto
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Auto Up-Left Rear

model	year	area	system	function	subfunction
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Auto Down-Left Rear
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Left Outside Mirror-Up
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Left Outside Mirror-Down
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Left Outside Mirror-Left
Amanti(GH)	2004	USA Area	BCM(Body Control Module)	Actuation Test	Left Outside Mirror-Right
Amanti(GH)	2004	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Amanti(GH)	2004	USA Area	CODE(Transmitter Code Saving)	Special Function	Register Transmitter
Amanti(GH)	2004	USA Area	ECM(Engine Control Module)	Version Information	
Amanti(GH)	2004	USA Area	ECM(Engine Control Module)	Read Fault Code	
Amanti(GH)	2004	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Amanti(GH)	2004	USA Area	ECM(Engine Control Module)	Read Data Stream	
Amanti(GH)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Amanti(GH)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Amanti(GH)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Amanti(GH)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Amanti(GH)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Amanti(GH)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Amanti(GH)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Amanti(GH)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Purge Control Solenoid Valve
Amanti(GH)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Amanti(GH)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Amanti(GH)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low

model	year	area	system	function	subfunction
Amanti(GH)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Amanti(GH)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Limp Home Solenoid Valve
Amanti(GH)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Purge Solenoid Vent
Amanti(GH)	2004	USA Area	EPS(Electronic Power Steering)	Version Information	
Amanti(GH)	2004	USA Area	EPS(Electronic Power Steering)	Read Fault Code	
Amanti(GH)	2004	USA Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Amanti(GH)	2004	USA Area	EPS(Electronic Power Steering)	Read Data Stream	
Amanti(GH)	2004	USA Area	ESP(Electronic Stability Program)	Version Information	
Amanti(GH)	2004	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Amanti(GH)	2004	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Amanti(GH)	2004	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Amanti(GH)	2004	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Amanti(GH)	2004	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Amanti(GH)	2004	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Amanti(GH)	2004	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Amanti(GH)	2004	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Amanti(GH)	2004	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Amanti(GH)	2004	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Amanti(GH)	2004	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Amanti(GH)	2004	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Amanti(GH)	2004	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Amanti(GH)	2004	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Amanti(GH)	2004	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Left

model	year	area	system	function	subfunction
Amanti(GH)	2004	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Right
Amanti(GH)	2004	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Amanti(GH)	2004	USA Area	IMMO(Immobilizer)	Read Data	
Amanti(GH)	2004	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Amanti(GH)	2004	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Amanti(GH)	2004	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Amanti(GH)	2004	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Amanti(GH)	2004	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Amanti(GH)	2004	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Amanti(GH)	2004	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Amanti(GH)	2004	USA Area	TCM(Transmission Control Module)	Version Information	
Amanti(GH)	2004	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Amanti(GH)	2004	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Amanti(GH)	2004	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Amanti(GH)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Amanti(GH)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Amanti(GH)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Amanti(GH)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Amanti(GH)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Amanti(GH)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Vlave(5 A/T Only)
Amanti(GH)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Amanti(GH)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp

model	year	area	system	function	subfunction
Amanti(GH)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Amanti(GH)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Amanti(GH)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Amanti(GH)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Borrego(HM)	2011	USA Area	AC(Air Conditioning)	Version	
Borrego(HM)	2011	USA Area	AC(Air Conditioning)	Read Fault Code	
Borrego(HM)	2011	USA Area	AC(Air Conditioning)	Clear Fault	
Borrego(HM)	2011	USA Area	AC(Air Conditioning)	Read Data	
Borrego(HM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Borrego(HM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Borrego(HM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Borrego(HM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Borrego(HM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Borrego(HM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Borrego(HM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Borrego(HM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Borrego(HM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Borrego(HM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Borrego(HM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Borrego(HM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Borrego(HM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Borrego(HM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Borrego(HM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Borrego(HM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Borrego(HM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%

model	year	area	system	function	subfunction
Borrego(HM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Borrego(HM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Borrego(HM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Borrego(HM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Borrego(HM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Borrego(HM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Borrego(HM)	2011	USA Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Borrego(HM)	2011	USA Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Borrego(HM)	2011	USA Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Borrego(HM)	2011	USA Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Borrego(HM)	2011	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Borrego(HM)	2011	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Sensor Initialization
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Version Information	
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Read Fault Code	
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Read Data Stream	
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Indicator
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defog Indicator
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Back Up Signal Output
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Adjustable Pedal On/Off
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Sunroof Relay

model	year	area	system	function	subfunction
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Panel Light Trip Computer
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Auto Light Sensor
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Tilt steering colume high
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Tilt steering colume low
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Telescope steering colume
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Telescope steering colume
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Front Washer Switch
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Rear Washer Switch
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp High
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp-Low
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Right Parking Lamp
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Right Fog Lamp
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Left Head Lamp High
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low-Left
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Parking Lamp-Left
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Left Fog Lamp
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal-Left
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Timer

model	year	area	system	function	subfunction
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Horn
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp Door
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Driver Scuff Lamp
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Assist Scuff Lamp
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Right Rear Scuff Lamp
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Left Rear Scuff Lamp
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Right Rear Door Power Window
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Right Rear Door Power Window Down
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Left Rear Door Power Window
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Left Rear Door Power Window Down
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Right Rear Seat Warmer Relay
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Left Rear Seat Warmer Relay
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	ATM Shift Lock Solenoid
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate unlock signal output
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defog
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Left

model	year	area	system	function	subfunction
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp and Warning
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	License Side Marker
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Right tail lamp
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Motor
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Rear Switch Illumination
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Filler Door Solenoid
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Up
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Down
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Illumination
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	OSRVM Folding Out
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	OSRVM Unfolding Out
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Side Repeater Lamp Out
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp(ADM)
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock(ADM)
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock(ADM)

model	year	area	system	function	subfunction
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up(ADM)
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down(ADM)
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left(ADM)
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right(ADM)
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog(ADM)
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Up(ADM)
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Down(ADM)
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	OSRVM Folding Out(ADM)
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	OSRVM Unfolding Out(ADM)
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Side Repeater Lamp Out(ADM)
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Forward
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Backward
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor
Borrego(HM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Borrego(HM)	2011	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Borrego(HM)	2011	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Borrego(HM)	2011	USA Area	Driveshaft	Version	
Borrego(HM)	2011	USA Area	Driveshaft	Read Fault Code	
Borrego(HM)	2011	USA Area	Driveshaft	Clear Fault	
Borrego(HM)	2011	USA Area	Driveshaft	Read Data	
Borrego(HM)	2011	USA Area	Driveshaft	Actuation Test	Torque Coupling Control

model	year	area	system	function	subfunction
Borrego(HM)	2011	USA Area	Driveshaft	Special Function	Torque Coupling Control
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Version Information	
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Read Fault Code	
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Read Data Stream	
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7

model	year	area	system	function	subfunction
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Engage Lamp
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	TPS Min Learn Algorithm Reset
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Special Function	ETC Motor Cleaning
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Borrego(HM)	2011	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Borrego(HM)	2011	USA Area	ECS(Electronic Control Suspension)	Version Information	
Borrego(HM)	2011	USA Area	ECS(Electronic Control Suspension)	Read Fault Code	
Borrego(HM)	2011	USA Area	ECS(Electronic Control Suspension)	Clear Fault Memory	
Borrego(HM)	2011	USA Area	ECS(Electronic Control Suspension)	Read Data Stream	
Borrego(HM)	2011	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Filling RL Valve Using Reservoir Tank
Borrego(HM)	2011	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Filling RL Valve Using
Borrego(HM)	2011	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Venting RL Valve
Borrego(HM)	2011	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Filling RR Valve Using Reservoir Tank
Borrego(HM)	2011	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Filling RR Valve Using

model	year	area	system	function	subfunction
Borrego(HM)	2011	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Venting RR Valve
Borrego(HM)	2011	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Filling Reservoir Tank Using Compressor
Borrego(HM)	2011	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Venting Reservoir Tank
Borrego(HM)	2011	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Filling RL RR Valve Using
Borrego(HM)	2011	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Filling RL RR Valve Using Reservoir Tank
Borrego(HM)	2011	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Venting RL and RR Valve
Borrego(HM)	2011	USA Area	ECS(Electronic Control Suspension)	Special Function	Height Sensor Calibration(Reset)
Borrego(HM)	2011	USA Area	ECS(Electronic Control Suspension)	Special Function	Height Sensor
Borrego(HM)	2011	USA Area	ECS(Electronic Control Suspension)	Special Function	Halt System Control
Borrego(HM)	2011	USA Area	ECS(Electronic Control Suspension)	Special Function	Air Filling Setup
Borrego(HM)	2011	USA Area	ECS(Electronic Control Suspension)	Special Function	Height Sensor Mount Angle
Borrego(HM)	2011	USA Area	ECS(Electronic Control Suspension)	Special Function	Air Filling/Venting
Borrego(HM)	2011	USA Area	ESP(Electronic Stability Program)	Version Information	
Borrego(HM)	2011	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Borrego(HM)	2011	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Borrego(HM)	2011	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Borrego(HM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Borrego(HM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Borrego(HM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Borrego(HM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Borrego(HM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Borrego(HM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front

model	year	area	system	function	subfunction
Borrego(HM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Borrego(HM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Borrego(HM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Borrego(HM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Borrego(HM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Borrego(HM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Borrego(HM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Borrego(HM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Borrego(HM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Borrego(HM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Borrego(HM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Borrego(HM)	2011	USA Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Borrego(HM)	2011	USA Area	ESP(Electronic Stability Program)	Special Function	Steering Angle Sensor
Borrego(HM)	2011	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Borrego(HM)	2011	USA Area	IMMO(Immobilizer)	Read Data	
Borrego(HM)	2011	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Borrego(HM)	2011	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Borrego(HM)	2011	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Borrego(HM)	2011	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Borrego(HM)	2011	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Borrego(HM)	2011	USA Area	Power Steering	Version	
Borrego(HM)	2011	USA Area	Power Steering	Read Fault Code	
Borrego(HM)	2011	USA Area	Power Steering	Clear Fault	
Borrego(HM)	2011	USA Area	Power Steering	Read Data	
Borrego(HM)	2011	USA Area	Smart Key	Version	
Borrego(HM)	2011	USA Area	Smart Key	Read Fault Code	

model	year	area	system	function	subfunction
Borrego(HM)	2011	USA Area	Smart Key	Clear Fault	
Borrego(HM)	2011	USA Area	Smart Key	Read Data	
Borrego(HM)	2011	USA Area	Smart Key	Actuation Test	SSB LED Amber
Borrego(HM)	2011	USA Area	Smart Key	Actuation Test	SSB LED Blue/Green
Borrego(HM)	2011	USA Area	Smart Key	Actuation Test	FOB holder illumination
Borrego(HM)	2011	USA Area	Smart Key	Actuation Test	SSB illumination
Borrego(HM)	2011	USA Area	Smart Key	Actuation Test	ACC Relay
Borrego(HM)	2011	USA Area	Smart Key	Actuation Test	IGN1 Relay
Borrego(HM)	2011	USA Area	Smart Key	Actuation Test	IGN2 Relay
Borrego(HM)	2011	USA Area	Smart Key	Actuation Test	START Relay
Borrego(HM)	2011	USA Area	Smart Key	Actuation Test	Perform ESCL Open Check
Borrego(HM)	2011	USA Area	Smart Key	Actuation Test	Key Out Indicator
Borrego(HM)	2011	USA Area	Smart Key	Actuation Test	Immobilizer Indicator Lamp
Borrego(HM)	2011	USA Area	Smart Key	Actuation Test	External Buzzer Output
Borrego(HM)	2011	USA Area	Smart Key	Actuation Test	ESCL Enable(ESCL only)
Borrego(HM)	2011	USA Area	Smart Key	Actuation Test	Interior Antenna1 Active
Borrego(HM)	2011	USA Area	Smart Key	Actuation Test	Interior Antenna2 Active
Borrego(HM)	2011	USA Area	Smart Key	Actuation Test	Interior Antenna3 Active
Borrego(HM)	2011	USA Area	Smart Key	Actuation Test	Bumper Antenna Active
Borrego(HM)	2011	USA Area	Smart Key	Actuation Test	Left Door Handle Antenna
Borrego(HM)	2011	USA Area	Smart Key	Actuation Test	Passenger Door Handle Antenna Active
Borrego(HM)	2011	USA Area	Smart Key	Special Function	Smart Key Code Saving
Borrego(HM)	2011	USA Area	Smart Key	Special Function	ESCL Open Status Check
Borrego(HM)	2011	USA Area	Smart Key	Special Function	Neutralization Mode
Borrego(HM)	2011	USA Area	Smart Key	Special Function	SMK Status Information
Borrego(HM)	2011	USA Area	Smart Key	Special Function	ESCL Status Information
Borrego(HM)	2011	USA Area	Smart Key	Special Function	PDM Status Information

model	year	area	system	function	subfunction
Borrego(HM)	2011	USA Area	Smart Key	Special Function	FOB KEY Status Information
Borrego(HM)	2011	USA Area	Smart Key	Special Function	Serial Communication Line Check
Borrego(HM)	2011	USA Area	Smart Key	Special Function	Antenna Status Check
Borrego(HM)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Borrego(HM)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Borrego(HM)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Borrego(HM)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Borrego(HM)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	PODS Reset
Borrego(HM)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Borrego(HM)	2011	USA Area	TCM(Transmission Control Module)	Version Information	
Borrego(HM)	2011	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Borrego(HM)	2011	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Borrego(HM)	2011	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Borrego(HM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	I/C Solenoid Valve
Borrego(HM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Borrego(HM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	HL R/C Solenoid Value
Borrego(HM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid
Borrego(HM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	FR/B Solenoid Valve
Borrego(HM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	D/C Solenoid Valve

model	year	area	system	function	subfunction
Borrego(HM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	LC/B Solenoid Valve
Borrego(HM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Lock System
Borrego(HM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Starter Relay
Borrego(HM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	P' Indicator Lamp
Borrego(HM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	R' Indicator Lamp
Borrego(HM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	N' Indicator Lamp
Borrego(HM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	D' Indicator Lamp
Borrego(HM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Reverse Lamp Relay
Borrego(HM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	SOL 1
Borrego(HM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	SOL 2
Borrego(HM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	SOL 3
Borrego(HM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	SOL 4
Borrego(HM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	SOL 5
Borrego(HM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	SOL 6(Torque Convert Clutch Control Solenoid Valve)
Borrego(HM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF SOLENOID 1
Borrego(HM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Lock
Borrego(HM)	2011	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Borrego(HM)	2011	USA Area	TCM(Transmission Control Module)	Special Function	TCU Sub Rom Reset
Borrego(HM)	2011	USA Area	TCM(Transmission Control Module)	Special Function	CLEAR CAN Learnable Status
Borrego(HM)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Borrego(HM)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Borrego(HM)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Borrego(HM)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Borrego(HM)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Borrego(HM)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Borrego(HM)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Borrego(HM)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Borrego(HM)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Borrego(HM)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Borrego(HM)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Borrego(HM)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Borrego(HM)	2010	USA Area	AC(Air Conditioning)	Version	
Borrego(HM)	2010	USA Area	AC(Air Conditioning)	Read Fault Code	
Borrego(HM)	2010	USA Area	AC(Air Conditioning)	Clear Fault	
Borrego(HM)	2010	USA Area	AC(Air Conditioning)	Read Data	
Borrego(HM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Borrego(HM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Borrego(HM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Borrego(HM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Borrego(HM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Borrego(HM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Borrego(HM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Borrego(HM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Borrego(HM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Borrego(HM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Borrego(HM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Borrego(HM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Borrego(HM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh

model	year	area	system	function	subfunction
Borrego(HM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Borrego(HM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Borrego(HM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Borrego(HM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Borrego(HM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Borrego(HM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Borrego(HM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Borrego(HM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Borrego(HM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Borrego(HM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Borrego(HM)	2010	USA Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Borrego(HM)	2010	USA Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Borrego(HM)	2010	USA Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Borrego(HM)	2010	USA Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Borrego(HM)	2010	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Borrego(HM)	2010	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Sensor Initialization
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Version Information	
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Read Fault Code	
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Read Data Stream	
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Indicator
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defog Indicator

model	year	area	system	function	subfunction
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Back Up Signal Output
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Adjustable Pedal On/Off
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Sunroof Relay
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Panel Light Trip Computer
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Auto Light Sensor
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Tilt steering colume high
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Tilt steering colume low
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Telescope steering colume
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Telescope steering colume
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Front Washer Switch
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Rear Washer Switch
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp High
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp-Low
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Right Parking Lamp
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Right Fog Lamp
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Left Head Lamp High
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low-Left

model	year	area	system	function	subfunction
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Parking Lamp-Left
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Left Fog Lamp
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal-Left
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Timer
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Horn
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp Door
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Driver Scuff Lamp
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Assist Scuff Lamp
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Right Rear Scuff Lamp
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Left Rear Scuff Lamp
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Right Rear Door Power Window
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Right Rear Door Power Window Down
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Left Rear Door Power Window
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Left Rear Door Power Window Down
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Right Rear Seat Warmer Relay
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Left Rear Seat Warmer Relay
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	ATM Shift Lock Solenoid

model	year	area	system	function	subfunction
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate unlock signal output
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defog
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Left
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp and Warning
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	License Side Marker
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Right tail lamp
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Motor
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Rear Switch Illumination
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Filler Door Solenoid
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Up
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Down
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Illumination

model	year	area	system	function	subfunction
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	OSRVM Folding Out
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	OSRVM Unfolding Out
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Side Repeater Lamp Out
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp(ADM)
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock(ADM)
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock(ADM)
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up(ADM)
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down(ADM)
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left(ADM)
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right(ADM)
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog(ADM)
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Up(ADM)
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Down(ADM)
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	OSRVM Folding Out(ADM)
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	OSRVM Unfolding Out(ADM)
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Side Repeater Lamp Out(ADM)
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Forward
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Backward
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor

model	year	area	system	function	subfunction
Borrego(HM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Borrego(HM)	2010	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Borrego(HM)	2010	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Borrego(HM)	2010	USA Area	Driveshaft	Version	
Borrego(HM)	2010	USA Area	Driveshaft	Read Fault Code	
Borrego(HM)	2010	USA Area	Driveshaft	Clear Fault	
Borrego(HM)	2010	USA Area	Driveshaft	Read Data	
Borrego(HM)	2010	USA Area	Driveshaft	Actuation Test	Torque Coupling Control
Borrego(HM)	2010	USA Area	Driveshaft	Special Function	Torque Coupling Control
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Version Information	
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Read Fault Code	
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Read Data Stream	
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low

model	year	area	system	function	subfunction
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1

model	year	area	system	function	subfunction
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Engage Lamp
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	TPS Min Learn Algorithm Reset
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Special Function	ETC Motor Cleaning
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Borrego(HM)	2010	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Borrego(HM)	2010	USA Area	ECS(Electronic Control Suspension)	Version Information	
Borrego(HM)	2010	USA Area	ECS(Electronic Control Suspension)	Read Fault Code	
Borrego(HM)	2010	USA Area	ECS(Electronic Control Suspension)	Clear Fault Memory	
Borrego(HM)	2010	USA Area	ECS(Electronic Control Suspension)	Read Data Stream	

model	year	area	system	function	subfunction
Borrego(HM)	2010	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Filling RL Valve Using Reservoir Tank
Borrego(HM)	2010	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Filling RL Valve Using
Borrego(HM)	2010	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Venting RL Valve
Borrego(HM)	2010	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Filling RR Valve Using Reservoir Tank
Borrego(HM)	2010	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Filling RR Valve Using
Borrego(HM)	2010	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Venting RR Valve
Borrego(HM)	2010	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Filling Reservoir Tank Using Compressor
Borrego(HM)	2010	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Venting Reservoir Tank
Borrego(HM)	2010	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Filling RL RR Valve Using
Borrego(HM)	2010	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Filling RL RR Valve Using Reservoir Tank
Borrego(HM)	2010	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Venting RL and RR Valve
Borrego(HM)	2010	USA Area	ECS(Electronic Control Suspension)	Special Function	Height Sensor Calibration(Reset)
Borrego(HM)	2010	USA Area	ECS(Electronic Control Suspension)	Special Function	Height Sensor
Borrego(HM)	2010	USA Area	ECS(Electronic Control Suspension)	Special Function	Halt System Control
Borrego(HM)	2010	USA Area	ECS(Electronic Control Suspension)	Special Function	Air Filling Setup
Borrego(HM)	2010	USA Area	ECS(Electronic Control Suspension)	Special Function	Height Sensor Mount Angle
Borrego(HM)	2010	USA Area	ECS(Electronic Control Suspension)	Special Function	Air Filling/Venting
Borrego(HM)	2010	USA Area	ESP(Electronic Stability Program)	Version Information	
Borrego(HM)	2010	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Borrego(HM)	2010	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Borrego(HM)	2010	USA Area	ESP(Electronic Stability Program)	Read Data Stream	

model	year	area	system	function	subfunction
Borrego(HM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Borrego(HM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Borrego(HM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Borrego(HM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Borrego(HM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Borrego(HM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Borrego(HM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Borrego(HM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Borrego(HM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Borrego(HM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Borrego(HM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Borrego(HM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Borrego(HM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Borrego(HM)	2010	USA Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Borrego(HM)	2010	USA Area	ESP(Electronic Stability Program)	Special Function	Steering Angle Sensor
Borrego(HM)	2010	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Borrego(HM)	2010	USA Area	IMMO(Immobilizer)	Read Data	
Borrego(HM)	2010	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Borrego(HM)	2010	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Borrego(HM)	2010	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Borrego(HM)	2010	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Borrego(HM)	2010	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Borrego(HM)	2010	USA Area	Power Steering	Version	
Borrego(HM)	2010	USA Area	Power Steering	Read Fault Code	
Borrego(HM)	2010	USA Area	Power Steering	Clear Fault	
Borrego(HM)	2010	USA Area	Power Steering	Read Data	

model	year	area	system	function	subfunction
Borrego(HM)	2010	USA Area	Smart Key	Version	
Borrego(HM)	2010	USA Area	Smart Key	Read Fault Code	
Borrego(HM)	2010	USA Area	Smart Key	Clear Fault	
Borrego(HM)	2010	USA Area	Smart Key	Read Data	
Borrego(HM)	2010	USA Area	Smart Key	Actuation Test	SSB LED Amber
Borrego(HM)	2010	USA Area	Smart Key	Actuation Test	SSB LED Blue/Green
Borrego(HM)	2010	USA Area	Smart Key	Actuation Test	FOB holder illumination
Borrego(HM)	2010	USA Area	Smart Key	Actuation Test	SSB illumination
Borrego(HM)	2010	USA Area	Smart Key	Actuation Test	ACC Relay
Borrego(HM)	2010	USA Area	Smart Key	Actuation Test	IGN1 Relay
Borrego(HM)	2010	USA Area	Smart Key	Actuation Test	IGN2 Relay
Borrego(HM)	2010	USA Area	Smart Key	Actuation Test	START Relay
Borrego(HM)	2010	USA Area	Smart Key	Actuation Test	Perform ESCL Open Check
Borrego(HM)	2010	USA Area	Smart Key	Actuation Test	Key Out Indicator
Borrego(HM)	2010	USA Area	Smart Key	Actuation Test	Immobilizer Indicator Lamp
Borrego(HM)	2010	USA Area	Smart Key	Actuation Test	External Buzzer Output
Borrego(HM)	2010	USA Area	Smart Key	Actuation Test	ESCL Enable(ESCL only)
Borrego(HM)	2010	USA Area	Smart Key	Actuation Test	Interior Antenna1 Active
Borrego(HM)	2010	USA Area	Smart Key	Actuation Test	Interior Antenna2 Active
Borrego(HM)	2010	USA Area	Smart Key	Actuation Test	Interior Antenna3 Active
Borrego(HM)	2010	USA Area	Smart Key	Actuation Test	Bumper Antenna Active
Borrego(HM)	2010	USA Area	Smart Key	Actuation Test	Left Door Handle Antenna
Borrego(HM)	2010	USA Area	Smart Key	Actuation Test	Passenger Door Handle Antenna Active
Borrego(HM)	2010	USA Area	Smart Key	Special Function	Smart Key Code Saving
Borrego(HM)	2010	USA Area	Smart Key	Special Function	ESCL Open Status Check
Borrego(HM)	2010	USA Area	Smart Key	Special Function	Neutralization Mode
Borrego(HM)	2010	USA Area	Smart Key	Special Function	SMK Status Information
Borrego(HM)	2010	USA Area	Smart Key	Special Function	ESCL Status Information

model	year	area	system	function	subfunction
Borrego(HM)	2010	USA Area	Smart Key	Special Function	PDM Status Information
Borrego(HM)	2010	USA Area	Smart Key	Special Function	FOB KEY Status Information
Borrego(HM)	2010	USA Area	Smart Key	Special Function	Serial Communication Line Check
Borrego(HM)	2010	USA Area	Smart Key	Special Function	Antenna Status Check
Borrego(HM)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Borrego(HM)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Borrego(HM)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Borrego(HM)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Borrego(HM)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	PODS Reset
Borrego(HM)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Borrego(HM)	2010	USA Area	TCM(Transmission Control Module)	Version Information	
Borrego(HM)	2010	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Borrego(HM)	2010	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Borrego(HM)	2010	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Borrego(HM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	I/C Solenoid Valve
Borrego(HM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Borrego(HM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	HL R/C Solenoid Value
Borrego(HM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid
Borrego(HM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	FR/B Solenoid Valve

model	year	area	system	function	subfunction
Borrego(HM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	D/C Solenoid Valve
Borrego(HM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	LC/B Solenoid Valve
Borrego(HM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Lock System
Borrego(HM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Starter Relay
Borrego(HM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	P' Indicator Lamp
Borrego(HM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	R' Indicator Lamp
Borrego(HM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	N' Indicator Lamp
Borrego(HM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	D' Indicator Lamp
Borrego(HM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Reverse Lamp Relay
Borrego(HM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	SOL 1
Borrego(HM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	SOL 2
Borrego(HM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	SOL 3
Borrego(HM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	SOL 4
Borrego(HM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	SOL 5
Borrego(HM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	SOL 6(Torque Convert Clutch Control Solenoid Valve)
Borrego(HM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF SOLENOID 1
Borrego(HM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Lock
Borrego(HM)	2010	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Borrego(HM)	2010	USA Area	TCM(Transmission Control Module)	Special Function	TCU Sub Rom Reset
Borrego(HM)	2010	USA Area	TCM(Transmission Control Module)	Special Function	CLEAR CAN Learnable Status
Borrego(HM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Borrego(HM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	

model	year	area	system	function	subfunction
Borrego(HM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Borrego(HM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Borrego(HM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Borrego(HM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Borrego(HM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Borrego(HM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Borrego(HM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Borrego(HM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Borrego(HM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Borrego(HM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Borrego(HM)	2009	USA Area	AC(Air Conditioning)	Version	
Borrego(HM)	2009	USA Area	AC(Air Conditioning)	Read Fault Code	
Borrego(HM)	2009	USA Area	AC(Air Conditioning)	Clear Fault	
Borrego(HM)	2009	USA Area	AC(Air Conditioning)	Read Data	
Borrego(HM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Borrego(HM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Borrego(HM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Borrego(HM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Borrego(HM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Borrego(HM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Borrego(HM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Borrego(HM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Borrego(HM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Borrego(HM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Borrego(HM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Borrego(HM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost

model	year	area	system	function	subfunction
Borrego(HM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Borrego(HM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Borrego(HM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Borrego(HM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Borrego(HM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Borrego(HM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Borrego(HM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Borrego(HM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Borrego(HM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Borrego(HM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Borrego(HM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Borrego(HM)	2009	USA Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Borrego(HM)	2009	USA Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Borrego(HM)	2009	USA Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Borrego(HM)	2009	USA Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Borrego(HM)	2009	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Borrego(HM)	2009	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Sensor Initialization
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Version Information	
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Read Fault Code	
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Read Data Stream	
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Indicator

model	year	area	system	function	subfunction
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defog Indicator
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Back Up Signal Output
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Adjustable Pedal On/Off
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Sunroof Relay
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Panel Light Trip Computer
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Auto Light Sensor
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Tilt steering colume high
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Tilt steering colume low
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Telescope steering colume
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Telescope steering colume
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Front Washer Switch
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Rear Washer Switch
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp High
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp-Low
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Right Parking Lamp
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Right Fog Lamp
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Left Head Lamp High

model	year	area	system	function	subfunction
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low-Left
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Parking Lamp-Left
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Left Fog Lamp
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal-Left
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Timer
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Horn
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp Door
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Driver Scuff Lamp
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Assist Scuff Lamp
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Right Rear Scuff Lamp
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Left Rear Scuff Lamp
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Right Rear Door Power Window
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Right Rear Door Power Window Down
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Left Rear Door Power Window
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Left Rear Door Power Window Down
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Right Rear Seat Warmer Relay
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Left Rear Seat Warmer Relay
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	ATM Shift Lock Solenoid

model	year	area	system	function	subfunction
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate unlock signal output
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defog
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Left
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp and Warning
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	License Side Marker
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Right tail lamp
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Motor
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Rear Switch Illumination
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Filler Door Solenoid
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Up
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Down
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Illumination

model	year	area	system	function	subfunction
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	OSRVM Folding Out
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	OSRVM Unfolding Out
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Side Repeater Lamp Out
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp(ADM)
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock(ADM)
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock(ADM)
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up(ADM)
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down(ADM)
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left(ADM)
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right(ADM)
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog(ADM)
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Up(ADM)
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Down(ADM)
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	OSRVM Folding Out(ADM)
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	OSRVM Unfolding Out(ADM)
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Side Repeater Lamp Out(ADM)
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Forward
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Backward
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor

model	year	area	system	function	subfunction
Borrego(HM)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Borrego(HM)	2009	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Borrego(HM)	2009	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Borrego(HM)	2009	USA Area	Driveshaft	Version	
Borrego(HM)	2009	USA Area	Driveshaft	Read Fault Code	
Borrego(HM)	2009	USA Area	Driveshaft	Clear Fault	
Borrego(HM)	2009	USA Area	Driveshaft	Read Data	
Borrego(HM)	2009	USA Area	Driveshaft	Actuation Test	Torque Coupling Control
Borrego(HM)	2009	USA Area	Driveshaft	Special Function	Torque Coupling Control
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Version Information	
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Read Fault Code	
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Read Data Stream	
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low

model	year	area	system	function	subfunction
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1

model	year	area	system	function	subfunction
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Engage Lamp
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	TPS Min Learn Algorithm Reset
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Special Function	ETC Motor Cleaning
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Borrego(HM)	2009	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Borrego(HM)	2009	USA Area	ECS(Electronic Control Suspension)	Version Information	
Borrego(HM)	2009	USA Area	ECS(Electronic Control Suspension)	Read Fault Code	
Borrego(HM)	2009	USA Area	ECS(Electronic Control Suspension)	Clear Fault Memory	
Borrego(HM)	2009	USA Area	ECS(Electronic Control Suspension)	Read Data Stream	

model	year	area	system	function	subfunction
Borrego(HM)	2009	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Filling RL Valve Using Reservoir Tank
Borrego(HM)	2009	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Filling RL Valve Using
Borrego(HM)	2009	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Venting RL Valve
Borrego(HM)	2009	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Filling RR Valve Using Reservoir Tank
Borrego(HM)	2009	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Filling RR Valve Using
Borrego(HM)	2009	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Venting RR Valve
Borrego(HM)	2009	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Filling Reservoir Tank Using Compressor
Borrego(HM)	2009	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Venting Reservoir Tank
Borrego(HM)	2009	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Filling RL RR Valve Using
Borrego(HM)	2009	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Filling RL RR Valve Using Reservoir Tank
Borrego(HM)	2009	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Venting RL and RR Valve
Borrego(HM)	2009	USA Area	ECS(Electronic Control Suspension)	Special Function	Height Sensor Calibration(Reset)
Borrego(HM)	2009	USA Area	ECS(Electronic Control Suspension)	Special Function	Height Sensor
Borrego(HM)	2009	USA Area	ECS(Electronic Control Suspension)	Special Function	Halt System Control
Borrego(HM)	2009	USA Area	ECS(Electronic Control Suspension)	Special Function	Air Filling Setup
Borrego(HM)	2009	USA Area	ECS(Electronic Control Suspension)	Special Function	Height Sensor Mount Angle
Borrego(HM)	2009	USA Area	ECS(Electronic Control Suspension)	Special Function	Air Filling/Venting
Borrego(HM)	2009	USA Area	ESP(Electronic Stability Program)	Version Information	
Borrego(HM)	2009	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Borrego(HM)	2009	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Borrego(HM)	2009	USA Area	ESP(Electronic Stability Program)	Read Data Stream	

model	year	area	system	function	subfunction
Borrego(HM)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Borrego(HM)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Borrego(HM)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Borrego(HM)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Borrego(HM)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Borrego(HM)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Borrego(HM)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Borrego(HM)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Borrego(HM)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Borrego(HM)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Borrego(HM)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Borrego(HM)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Borrego(HM)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Borrego(HM)	2009	USA Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Borrego(HM)	2009	USA Area	ESP(Electronic Stability Program)	Special Function	Steering Angle Sensor
Borrego(HM)	2009	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Borrego(HM)	2009	USA Area	IMMO(Immobilizer)	Read Data	
Borrego(HM)	2009	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Borrego(HM)	2009	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Borrego(HM)	2009	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Borrego(HM)	2009	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Borrego(HM)	2009	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Borrego(HM)	2009	USA Area	Power Steering	Version	
Borrego(HM)	2009	USA Area	Power Steering	Read Fault Code	
Borrego(HM)	2009	USA Area	Power Steering	Clear Fault	
Borrego(HM)	2009	USA Area	Power Steering	Read Data	

model	year	area	system	function	subfunction
Borrego(HM)	2009	USA Area	Smart Key	Version	
Borrego(HM)	2009	USA Area	Smart Key	Read Fault Code	
Borrego(HM)	2009	USA Area	Smart Key	Clear Fault	
Borrego(HM)	2009	USA Area	Smart Key	Read Data	
Borrego(HM)	2009	USA Area	Smart Key	Actuation Test	Key Out Indicator
Borrego(HM)	2009	USA Area	Smart Key	Actuation Test	Immobilizer Indicator Lamp
Borrego(HM)	2009	USA Area	Smart Key	Actuation Test	External Buzzer Output
Borrego(HM)	2009	USA Area	Smart Key	Actuation Test	ESCL Enable(ESCL only)
Borrego(HM)	2009	USA Area	Smart Key	Actuation Test	Interior Antenna1 Active
Borrego(HM)	2009	USA Area	Smart Key	Actuation Test	Interior Antenna2 Active
Borrego(HM)	2009	USA Area	Smart Key	Actuation Test	Interior Antenna3 Active
Borrego(HM)	2009	USA Area	Smart Key	Actuation Test	Bumper Antenna Active
Borrego(HM)	2009	USA Area	Smart Key	Actuation Test	Left Door Handle Antenna
Borrego(HM)	2009	USA Area	Smart Key	Actuation Test	Passenger Door Handle Antenna Active
Borrego(HM)	2009	USA Area	Smart Key	Actuation Test	SSB LED Amber
Borrego(HM)	2009	USA Area	Smart Key	Actuation Test	SSB LED Blue/Green
Borrego(HM)	2009	USA Area	Smart Key	Actuation Test	FOB holder illumination
Borrego(HM)	2009	USA Area	Smart Key	Actuation Test	SSB illumination
Borrego(HM)	2009	USA Area	Smart Key	Actuation Test	ACC Relay
Borrego(HM)	2009	USA Area	Smart Key	Actuation Test	IGN1 Relay
Borrego(HM)	2009	USA Area	Smart Key	Actuation Test	IGN2 Relay
Borrego(HM)	2009	USA Area	Smart Key	Actuation Test	START Relay
Borrego(HM)	2009	USA Area	Smart Key	Actuation Test	Perform ESCL Open Check
Borrego(HM)	2009	USA Area	Smart Key	Special Function	Neutralization Mode
Borrego(HM)	2009	USA Area	Smart Key	Special Function	SMK Status Information
Borrego(HM)	2009	USA Area	Smart Key	Special Function	ESCL Status Information
Borrego(HM)	2009	USA Area	Smart Key	Special Function	PDM Status Information
Borrego(HM)	2009	USA Area	Smart Key	Special Function	FOB KEY Status Information

model	year	area	system	function	subfunction
Borrego(HM)	2009	USA Area	Smart Key	Special Function	Serial Communication Line Check
Borrego(HM)	2009	USA Area	Smart Key	Special Function	Antenna Status Check
Borrego(HM)	2009	USA Area	Smart Key	Special Function	ESCL Open Status Check
Borrego(HM)	2009	USA Area	Smart Key	Special Function	Smart Key Code Saving
Borrego(HM)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Borrego(HM)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Borrego(HM)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Borrego(HM)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Borrego(HM)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	PODS Reset
Borrego(HM)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Borrego(HM)	2009	USA Area	TCM(Transmission Control Module)	Version Information	
Borrego(HM)	2009	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Borrego(HM)	2009	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Borrego(HM)	2009	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Borrego(HM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	I/C Solenoid Valve
Borrego(HM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Borrego(HM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	HL R/C Solenoid Value
Borrego(HM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid
Borrego(HM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	FR/B Solenoid Valve

model	year	area	system	function	subfunction
Borrego(HM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	D/C Solenoid Valve
Borrego(HM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	LC/B Solenoid Valve
Borrego(HM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Lock System
Borrego(HM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Starter Relay
Borrego(HM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	P' Indicator Lamp
Borrego(HM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	R' Indicator Lamp
Borrego(HM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	N' Indicator Lamp
Borrego(HM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	D' Indicator Lamp
Borrego(HM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Reverse Lamp Relay
Borrego(HM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	SOL 1
Borrego(HM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	SOL 2
Borrego(HM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	SOL 3
Borrego(HM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	SOL 4
Borrego(HM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	SOL 5
Borrego(HM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	SOL 6(Torque Convert Clutch Control Solenoid Valve)
Borrego(HM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF SOLENOID 1
Borrego(HM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Lock
Borrego(HM)	2009	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Borrego(HM)	2009	USA Area	TCM(Transmission Control Module)	Special Function	TCU Sub Rom Reset
Borrego(HM)	2009	USA Area	TCM(Transmission Control Module)	Special Function	CLEAR CAN Learnable Status
Borrego(HM)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Borrego(HM)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	

model	year	area	system	function	subfunction
Borrego(HM)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Borrego(HM)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Borrego(HM)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Borrego(HM)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Borrego(HM)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Borrego(HM)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Borrego(HM)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Borrego(HM)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Borrego(HM)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Borrego(HM)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Cadenza(VG)	2015	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Cadenza(VG)	2015	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Cadenza(VG)	2015	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Cadenza(VG)	2015	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Cadenza(VG)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Cadenza(VG)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Cadenza(VG)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Warning Lamp
Cadenza(VG)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Status Lamp
Cadenza(VG)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Cadenza(VG)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Cadenza(VG)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Cadenza(VG)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Cadenza(VG)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear

model	year	area	system	function	subfunction
Cadenza(VG)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Cadenza(VG)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Cadenza(VG)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Cadenza(VG)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Cadenza(VG)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Cadenza(VG)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Cadenza(VG)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
Cadenza(VG)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
Cadenza(VG)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Cadenza(VG)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Cadenza(VG)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Cadenza(VG)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Cadenza(VG)	2015	USA Area	ABS(Anti-Lock Brake System)	Special Function	EPB Variant Coding
Cadenza(VG)	2015	USA Area	ABS(Anti-Lock Brake System)	Special Function	PAD Change Mode
Cadenza(VG)	2015	USA Area	ABS(Anti-Lock Brake System)	Special Function	SAS Calibration(CAN-ESP Only)
Cadenza(VG)	2015	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Cadenza(VG)	2015	USA Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Cadenza(VG)	2015	USA Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Cadenza(VG)	2015	USA Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Cadenza(VG)	2015	USA Area	AC(Air Conditioning)	Version	

model	year	area	system	function	subfunction
Cadenza(VG)	2015	USA Area	AC(Air Conditioning)	Read Fault Code	
Cadenza(VG)	2015	USA Area	AC(Air Conditioning)	Clear Fault	
Cadenza(VG)	2015	USA Area	AC(Air Conditioning)	Read Data	
Cadenza(VG)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Cadenza(VG)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Cadenza(VG)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Cadenza(VG)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Cadenza(VG)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Cadenza(VG)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Cadenza(VG)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Cadenza(VG)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Cadenza(VG)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Cadenza(VG)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Cadenza(VG)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Cadenza(VG)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Cadenza(VG)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-1Step
Cadenza(VG)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-2Step
Cadenza(VG)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-3Step
Cadenza(VG)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-4Step
Cadenza(VG)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-5Step
Cadenza(VG)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-6Step
Cadenza(VG)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-7Step
Cadenza(VG)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-8Step
Cadenza(VG)	2015	USA Area	AC(Air Conditioning)	Actuation Test	E-Comp-On
Cadenza(VG)	2015	USA Area	AC(Air Conditioning)	Actuation Test	E-Comp-Off

model	year	area	system	function	subfunction
Cadenza(VG)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Cadenza(VG)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Def Door-Close
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Version Information	
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Read Fault Code	
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Read Data Stream	
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Trunk Release Relay
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Power Window Power
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Down Relay
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Power Window RH UP Relay
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Power Window RH Down Relay
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay

model	year	area	system	function	subfunction
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid(Automatic Transmission)
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move Steering Column To The Highest Position(Tilt)
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move Steering Column To The Lowest Position(Tilt)
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move Steering Column At The Shortest Position(Tele)
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move Steering Column At The Longest Position(Tele)
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)

model	year	area	system	function	subfunction
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Right Motor On
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Left Motor On
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window Up
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Highest Position
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Lowest Position
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Left Position

model	year	area	system	function	subfunction
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Right Position
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Fold
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Unfold
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Drive Side Door Unlock
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Drive Side Puddle Lamp
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Central door lock
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Central door unlock
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window Up
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Highest Position
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Lowest Position
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Left Position
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Right Position
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Fold
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Unfold
Cadenza(VG)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Side Puddle Lamp

model	year	area	system	function	subfunction
Cadenza(VG)	2015	USA Area	CCS(Cruise Control System)	Version Information	
Cadenza(VG)	2015	USA Area	CCS(Cruise Control System)	Read Fault Code	
Cadenza(VG)	2015	USA Area	CCS(Cruise Control System)	Clear Fault Memory	
Cadenza(VG)	2015	USA Area	CCS(Cruise Control System)	Read Data Stream	
Cadenza(VG)	2015	USA Area	CCS(Cruise Control System)	Special Function	SCC Alignment(Calibration)
Cadenza(VG)	2015	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Cadenza(VG)	2015	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Version Information	
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Read Fault Code	
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Read Data Stream	
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-High
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-Low
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay

model	year	area	system	function	subfunction
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear

model	year	area	system	function	subfunction
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Type VIS 2
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 1
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 2
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 3
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 4
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 5
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 6
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	GDI High Pressure Offset
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Cadenza(VG)	2015	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Cadenza(VG)	2015	USA Area	Head Lamp	Version	
Cadenza(VG)	2015	USA Area	Head Lamp	Read Fault Code	
Cadenza(VG)	2015	USA Area	Head Lamp	Clear Fault	
Cadenza(VG)	2015	USA Area	Head Lamp	Read Data	
Cadenza(VG)	2015	USA Area	Head Lamp	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Cadenza(VG)	2015	USA Area	Head Lamp	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position

model	year	area	system	function	subfunction
Cadenza(VG)	2015	USA Area	Head Lamp	Actuation Test	HLL normal position
Cadenza(VG)	2015	USA Area	Head Lamp	Actuation Test	DBL(Dynamic Bending Light)Max
Cadenza(VG)	2015	USA Area	Head Lamp	Actuation Test	DBL(Dynamic Bending Light)Max
Cadenza(VG)	2015	USA Area	Head Lamp	Special Function	Headlamp
Cadenza(VG)	2015	USA Area	Head Lamp	Special Function	Parameter Setting&Zero position Initial
Cadenza(VG)	2015	USA Area	Head Lamp	Special Function	Calibration
Cadenza(VG)	2015	USA Area	Head Lamp	Special Function	Parameter Download
Cadenza(VG)	2015	USA Area	IMMO(Immobilizer)	Read Data	
Cadenza(VG)	2015	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cadenza(VG)	2015	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Cadenza(VG)	2015	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cadenza(VG)	2015	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Cadenza(VG)	2015	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Cadenza(VG)	2015	USA Area	LDWS(Lane Departure Warning System)	Version Information	
Cadenza(VG)	2015	USA Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Cadenza(VG)	2015	USA Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Cadenza(VG)	2015	USA Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Cadenza(VG)	2015	USA Area	LDWS(Lane Departure Warning System)	Actuation Test	Activation Switch LED
Cadenza(VG)	2015	USA Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Left
Cadenza(VG)	2015	USA Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Right
Cadenza(VG)	2015	USA Area	LDWS(Lane Departure Warning System)	Actuation Test	ALL LEDs
Cadenza(VG)	2015	USA Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Reference Point Calibration
Cadenza(VG)	2015	USA Area	LDWS(Lane Departure Warning System)	Special Function	BSD Radar Calibration
Cadenza(VG)	2015	USA Area	LDWS(Lane Departure Warning System)	Special Function	BSD Variant Coding

model	year	area	system	function	subfunction
Cadenza(VG)	2015	USA Area	LDWS(Lane Departure Warning System)	Special Function	BSD Variant Code Reading
Cadenza(VG)	2015	USA Area	MDPS(Motor Driven Power Steering)	Version Information	
Cadenza(VG)	2015	USA Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Cadenza(VG)	2015	USA Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Cadenza(VG)	2015	USA Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Cadenza(VG)	2015	USA Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Cadenza(VG)	2015	USA Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Cadenza(VG)	2015	USA Area	Smart Key Unit	Version	
Cadenza(VG)	2015	USA Area	Smart Key Unit	Read Fault Code	
Cadenza(VG)	2015	USA Area	Smart Key Unit	Clear Fault	
Cadenza(VG)	2015	USA Area	Smart Key Unit	Read Data	
Cadenza(VG)	2015	USA Area	Smart Key Unit	Actuation Test	SSB Illumination
Cadenza(VG)	2015	USA Area	Smart Key Unit	Actuation Test	SSB LED Amber
Cadenza(VG)	2015	USA Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Cadenza(VG)	2015	USA Area	Smart Key Unit	Actuation Test	SSB LED White
Cadenza(VG)	2015	USA Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Cadenza(VG)	2015	USA Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Cadenza(VG)	2015	USA Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Cadenza(VG)	2015	USA Area	Smart Key Unit	Actuation Test	ACC Relay
Cadenza(VG)	2015	USA Area	Smart Key Unit	Actuation Test	IGN1 Relay
Cadenza(VG)	2015	USA Area	Smart Key Unit	Actuation Test	IGN2 Relay
Cadenza(VG)	2015	USA Area	Smart Key Unit	Actuation Test	Starter Relay
Cadenza(VG)	2015	USA Area	Smart Key Unit	Actuation Test	External Buzzer
Cadenza(VG)	2015	USA Area	Smart Key Unit	Actuation Test	Key Out Indicator
Cadenza(VG)	2015	USA Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Cadenza(VG)	2015	USA Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Cadenza(VG)	2015	USA Area	Smart Key Unit	Actuation Test	SSB LED OFF
Cadenza(VG)	2015	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Cadenza(VG)	2015	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Cadenza(VG)	2015	USA Area	Smart Key Unit	Actuation Test	Trunk Antenna
Cadenza(VG)	2015	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Cadenza(VG)	2015	USA Area	Smart Key Unit	Actuation Test	Bumper Antenna Active

model	year	area	system	function	subfunction
Cadenza(VG)	2015	USA Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Cadenza(VG)	2015	USA Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Cadenza(VG)	2015	USA Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Cadenza(VG)	2015	USA Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Cadenza(VG)	2015	USA Area	Smart Key Unit	Special Function	Smart Key Code Saving
Cadenza(VG)	2015	USA Area	Smart Key Unit	Special Function	Neutralization Mode
Cadenza(VG)	2015	USA Area	Smart Key Unit	Special Function	SMK Status Information
Cadenza(VG)	2015	USA Area	Smart Key Unit	Special Function	FOB KEY Status Information
Cadenza(VG)	2015	USA Area	Smart Key Unit	Special Function	Current FOB Key Check
Cadenza(VG)	2015	USA Area	Smart Key Unit	Special Function	Serial Communication Line Check
Cadenza(VG)	2015	USA Area	Smart Key Unit	Special Function	Antenna Status Check
Cadenza(VG)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Cadenza(VG)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cadenza(VG)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cadenza(VG)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cadenza(VG)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Cadenza(VG)	2015	USA Area	SVMS(Surround View Monitor System)	Version Information	
Cadenza(VG)	2015	USA Area	SVMS(Surround View Monitor System)	Read Fault Code	
Cadenza(VG)	2015	USA Area	SVMS(Surround View Monitor System)	Clear Fault Memory	
Cadenza(VG)	2015	USA Area	SVMS(Surround View Monitor System)	Read Data Stream	

model	year	area	system	function	subfunction
Cadenza(VG)	2015	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-SVM View
Cadenza(VG)	2015	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Front-SVM View
Cadenza(VG)	2015	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Left View
Cadenza(VG)	2015	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Left View
Cadenza(VG)	2015	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Right View
Cadenza(VG)	2015	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Right View
Cadenza(VG)	2015	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Wide View
Cadenza(VG)	2015	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Wide View
Cadenza(VG)	2015	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 25%
Cadenza(VG)	2015	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 100%
Cadenza(VG)	2015	USA Area	TCM(Transmission Control Module)	Version Information	
Cadenza(VG)	2015	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Cadenza(VG)	2015	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cadenza(VG)	2015	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Cadenza(VG)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Cadenza(VG)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Cadenza(VG)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Cadenza(VG)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Cadenza(VG)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Cadenza(VG)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)

model	year	area	system	function	subfunction
Cadenza(VG)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Cadenza(VG)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Cadenza(VG)	2015	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Cadenza(VG)	2015	USA Area	Telematics Unit	Version	
Cadenza(VG)	2015	USA Area	Telematics Unit	Read Fault Code	
Cadenza(VG)	2015	USA Area	Telematics Unit	Clear Fault	
Cadenza(VG)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Cadenza(VG)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Cadenza(VG)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Cadenza(VG)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Cadenza(VG)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Cadenza(VG)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Cadenza(VG)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Cadenza(VG)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Cadenza(VG)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Cadenza(VG)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Cadenza(VG)	2014	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Cadenza(VG)	2014	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Cadenza(VG)	2014	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Cadenza(VG)	2014	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Cadenza(VG)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Cadenza(VG)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Cadenza(VG)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Warning Lamp

model	year	area	system	function	subfunction
Cadenza(VG)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Status Lamp
Cadenza(VG)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Cadenza(VG)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Cadenza(VG)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Cadenza(VG)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Cadenza(VG)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Cadenza(VG)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Cadenza(VG)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Cadenza(VG)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Cadenza(VG)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Cadenza(VG)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Cadenza(VG)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Cadenza(VG)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
Cadenza(VG)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
Cadenza(VG)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Cadenza(VG)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Cadenza(VG)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Cadenza(VG)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Cadenza(VG)	2014	USA Area	ABS(Anti-Lock Brake System)	Special Function	EPB Variant Coding
Cadenza(VG)	2014	USA Area	ABS(Anti-Lock Brake System)	Special Function	PAD Change Mode
Cadenza(VG)	2014	USA Area	ABS(Anti-Lock Brake System)	Special Function	SAS Calibration(CAN-ESP Only)

model	year	area	system	function	subfunction
Cadenza(VG)	2014	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Cadenza(VG)	2014	USA Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Cadenza(VG)	2014	USA Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Cadenza(VG)	2014	USA Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Cadenza(VG)	2014	USA Area	AC(Air Conditioning)	Version	
Cadenza(VG)	2014	USA Area	AC(Air Conditioning)	Read Fault Code	
Cadenza(VG)	2014	USA Area	AC(Air Conditioning)	Clear Fault	
Cadenza(VG)	2014	USA Area	AC(Air Conditioning)	Read Data	
Cadenza(VG)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Cadenza(VG)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Cadenza(VG)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Cadenza(VG)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Cadenza(VG)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Cadenza(VG)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Cadenza(VG)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Cadenza(VG)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Cadenza(VG)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Cadenza(VG)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Cadenza(VG)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Cadenza(VG)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Cadenza(VG)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-1Step
Cadenza(VG)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-2Step

model	year	area	system	function	subfunction
Cadenza(VG)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-3Step
Cadenza(VG)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-4Step
Cadenza(VG)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-5Step
Cadenza(VG)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-6Step
Cadenza(VG)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-7Step
Cadenza(VG)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-8Step
Cadenza(VG)	2014	USA Area	AC(Air Conditioning)	Actuation Test	E-Comp-On
Cadenza(VG)	2014	USA Area	AC(Air Conditioning)	Actuation Test	E-Comp-Off
Cadenza(VG)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Cadenza(VG)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Def Door-Close
Cadenza(VG)	2014	USA Area	AVMS(Around View Monitor System)	Version Information	
Cadenza(VG)	2014	USA Area	AVMS(Around View Monitor System)	Read Fault Code	
Cadenza(VG)	2014	USA Area	AVMS(Around View Monitor System)	Clear Fault Memory	
Cadenza(VG)	2014	USA Area	AVMS(Around View Monitor System)	Read Data Stream	
Cadenza(VG)	2014	USA Area	AVMS(Around View Monitor System)	Actuation Test	Rear-AVM View
Cadenza(VG)	2014	USA Area	AVMS(Around View Monitor System)	Actuation Test	Front-AVM View
Cadenza(VG)	2014	USA Area	AVMS(Around View Monitor System)	Actuation Test	Rear-Left View
Cadenza(VG)	2014	USA Area	AVMS(Around View Monitor System)	Actuation Test	Front-Left View
Cadenza(VG)	2014	USA Area	AVMS(Around View Monitor System)	Actuation Test	Rear-Right View
Cadenza(VG)	2014	USA Area	AVMS(Around View Monitor System)	Actuation Test	Front-Right View
Cadenza(VG)	2014	USA Area	AVMS(Around View Monitor System)	Actuation Test	Rear-Wide View
Cadenza(VG)	2014	USA Area	AVMS(Around View Monitor System)	Actuation Test	Front-Wide View
Cadenza(VG)	2014	USA Area	AVMS(Around View Monitor System)	Actuation Test	Indicator Output 25%
Cadenza(VG)	2014	USA Area	AVMS(Around View Monitor System)	Actuation Test	Indicator Output 100%
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Version Information	

model	year	area	system	function	subfunction
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Read Fault Code	
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Read Data Stream	
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window Up
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Highest Position
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Lowest Position
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Left Position
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Right Position
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Fold
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Unfold
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Assist Side Puddle Lamp
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window Up

model	year	area	system	function	subfunction
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Highest Position
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Lowest Position
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Left Position
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Right Position
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Fold
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Unfold
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Drive Side Door Unlock
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Drive Side Puddle Lamp
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Central door lock
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Central door unlock
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Right Motor On
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Left Motor On
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)

model	year	area	system	function	subfunction
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move Steering Column To The Highest Position(Tilt)
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move Steering Column To The Lowest Position(Tilt)
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move Steering Column At The Shortest Position(Tele)
Cadenza(VG)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move Steering Column At The Longest Position(Tele)
Cadenza(VG)	2014	USA Area	BSD(Blind Spot Detection)	Version Information	
Cadenza(VG)	2014	USA Area	BSD(Blind Spot Detection)	Read Fault Code	
Cadenza(VG)	2014	USA Area	BSD(Blind Spot Detection)	Clear Fault Memory	
Cadenza(VG)	2014	USA Area	BSD(Blind Spot Detection)	Read Data Stream	
Cadenza(VG)	2014	USA Area	BSD(Blind Spot Detection)	Actuation Test	Activation Switch LED
Cadenza(VG)	2014	USA Area	BSD(Blind Spot Detection)	Actuation Test	Mirror LED Left
Cadenza(VG)	2014	USA Area	BSD(Blind Spot Detection)	Actuation Test	Mirror LED Right
Cadenza(VG)	2014	USA Area	BSD(Blind Spot Detection)	Actuation Test	ALL LEDs
Cadenza(VG)	2014	USA Area	BSD(Blind Spot Detection)	Special Function	BSD Radar Calibration

model	year	area	system	function	subfunction
Cadenza(VG)	2014	USA Area	BSD(Blind Spot Detection)	Special Function	BSD Variant Coding
Cadenza(VG)	2014	USA Area	BSD(Blind Spot Detection)	Special Function	BSD Variant Code Reading
Cadenza(VG)	2014	USA Area	CCS(Cruise Control System)	Version Information	
Cadenza(VG)	2014	USA Area	CCS(Cruise Control System)	Read Fault Code	
Cadenza(VG)	2014	USA Area	CCS(Cruise Control System)	Clear Fault Memory	
Cadenza(VG)	2014	USA Area	CCS(Cruise Control System)	Read Data Stream	
Cadenza(VG)	2014	USA Area	CCS(Cruise Control System)	Special Function	SCC Alignment(Calibration)
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Version Information	
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Read Fault Code	
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Read Data Stream	
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-High
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-Low
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay

model	year	area	system	function	subfunction
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear

model	year	area	system	function	subfunction
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Type VIS 2
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 1
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 2
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 3
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 4
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 5
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 6
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	GDI High Pressure Offset
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Cadenza(VG)	2014	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Cadenza(VG)	2014	USA Area	Head Lamp	Version	
Cadenza(VG)	2014	USA Area	Head Lamp	Read Fault Code	
Cadenza(VG)	2014	USA Area	Head Lamp	Clear Fault	
Cadenza(VG)	2014	USA Area	Head Lamp	Read Data	
Cadenza(VG)	2014	USA Area	Head Lamp	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Cadenza(VG)	2014	USA Area	Head Lamp	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position

model	year	area	system	function	subfunction
Cadenza(VG)	2014	USA Area	Head Lamp	Actuation Test	DBL(Dynamic Bending Light)Max
Cadenza(VG)	2014	USA Area	Head Lamp	Actuation Test	DBL(Dynamic Bending Light)Max
Cadenza(VG)	2014	USA Area	Head Lamp	Actuation Test	HLL normal position
Cadenza(VG)	2014	USA Area	Head Lamp	Special Function	Calibration
Cadenza(VG)	2014	USA Area	Head Lamp	Special Function	Parameter Download
Cadenza(VG)	2014	USA Area	Head Lamp	Special Function	Headlamp
Cadenza(VG)	2014	USA Area	Head Lamp	Special Function	Parameter Setting&Zero position Initial
Cadenza(VG)	2014	USA Area	IMMO(Immobilizer)	Read Data	
Cadenza(VG)	2014	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Cadenza(VG)	2014	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Cadenza(VG)	2014	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Cadenza(VG)	2014	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Cadenza(VG)	2014	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Cadenza(VG)	2014	USA Area	MDPS(Motor Driven Power Steering)	Version Information	
Cadenza(VG)	2014	USA Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Cadenza(VG)	2014	USA Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Cadenza(VG)	2014	USA Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Cadenza(VG)	2014	USA Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Cadenza(VG)	2014	USA Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Cadenza(VG)	2014	USA Area	Smart Key Unit	Version	
Cadenza(VG)	2014	USA Area	Smart Key Unit	Read Fault Code	
Cadenza(VG)	2014	USA Area	Smart Key Unit	Clear Fault	
Cadenza(VG)	2014	USA Area	Smart Key Unit	Read Data	
Cadenza(VG)	2014	USA Area	Smart Key Unit	Actuation Test	SSB Illumination
Cadenza(VG)	2014	USA Area	Smart Key Unit	Actuation Test	SSB LED Amber
Cadenza(VG)	2014	USA Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Cadenza(VG)	2014	USA Area	Smart Key Unit	Actuation Test	SSB LED White
Cadenza(VG)	2014	USA Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)

model	year	area	system	function	subfunction
Cadenza(VG)	2014	USA Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Cadenza(VG)	2014	USA Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Cadenza(VG)	2014	USA Area	Smart Key Unit	Actuation Test	ACC Relay
Cadenza(VG)	2014	USA Area	Smart Key Unit	Actuation Test	IGN1 Relay
Cadenza(VG)	2014	USA Area	Smart Key Unit	Actuation Test	IGN2 Relay
Cadenza(VG)	2014	USA Area	Smart Key Unit	Actuation Test	Starter Relay
Cadenza(VG)	2014	USA Area	Smart Key Unit	Actuation Test	External Buzzer
Cadenza(VG)	2014	USA Area	Smart Key Unit	Actuation Test	Key Out Indicator
Cadenza(VG)	2014	USA Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Cadenza(VG)	2014	USA Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Cadenza(VG)	2014	USA Area	Smart Key Unit	Actuation Test	SSB LED OFF
Cadenza(VG)	2014	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Cadenza(VG)	2014	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Cadenza(VG)	2014	USA Area	Smart Key Unit	Actuation Test	Trunk Antenna
Cadenza(VG)	2014	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Cadenza(VG)	2014	USA Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Cadenza(VG)	2014	USA Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Cadenza(VG)	2014	USA Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Cadenza(VG)	2014	USA Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Cadenza(VG)	2014	USA Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Cadenza(VG)	2014	USA Area	Smart Key Unit	Special Function	Smart Key Code Saving
Cadenza(VG)	2014	USA Area	Smart Key Unit	Special Function	Neutralization Mode
Cadenza(VG)	2014	USA Area	Smart Key Unit	Special Function	SMK Status Information
Cadenza(VG)	2014	USA Area	Smart Key Unit	Special Function	FOB KEY Status Information
Cadenza(VG)	2014	USA Area	Smart Key Unit	Special Function	Current FOB Key Check
Cadenza(VG)	2014	USA Area	Smart Key Unit	Special Function	Serial Communication Line Check
Cadenza(VG)	2014	USA Area	Smart Key Unit	Special Function	Antenna Status Check

model	year	area	system	function	subfunction
Cadenza(VG)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Cadenza(VG)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Cadenza(VG)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Cadenza(VG)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Cadenza(VG)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Cadenza(VG)	2014	USA Area	TCM(Transmission Control Module)	Version Information	
Cadenza(VG)	2014	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Cadenza(VG)	2014	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Cadenza(VG)	2014	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Cadenza(VG)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Cadenza(VG)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Cadenza(VG)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Cadenza(VG)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Cadenza(VG)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Cadenza(VG)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Cadenza(VG)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'

model	year	area	system	function	subfunction
Cadenza(VG)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Cadenza(VG)	2014	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Cadenza(VG)	2014	USA Area	Telematics Unit	Version	
Cadenza(VG)	2014	USA Area	Telematics Unit	Read Fault Code	
Cadenza(VG)	2014	USA Area	Telematics Unit	Clear Fault	
Cadenza(VG)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Cadenza(VG)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Cadenza(VG)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Cadenza(VG)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Cadenza(VG)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Cadenza(VG)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Cadenza(VG)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Cadenza(VG)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Cadenza(VG)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Cadenza(VG)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Version	
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Read Fault Code	
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Clear Fault	
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Read Data	
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%

model	year	area	system	function	subfunction
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%

model	year	area	system	function	subfunction
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage PTC ON(Min.)
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage PTC OFF
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage COMP ON(Min.)
Forte(YD)	2016	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage COMP OFF
Forte(YD)	2016	USA Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Forte(YD)	2016	USA Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	

model	year	area	system	function	subfunction
Forte(YD)	2016	USA Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Forte(YD)	2016	USA Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Forte(YD)	2016	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Version Information	
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Read Fault Code	
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Read Data Stream	
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Auto Light Power

model	year	area	system	function	subfunction
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Stop Lamp

model	year	area	system	function	subfunction
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator

model	year	area	system	function	subfunction
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator

model	year	area	system	function	subfunction
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(Headrest
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(Headrest

model	year	area	system	function	subfunction
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Foremost Position(Cushion Extension)
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Last Position(Cushion Extension)
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Forte(YD)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Forte(YD)	2016	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	

model	year	area	system	function	subfunction
Forte(YD)	2016	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Version Information	
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Read Fault Code	
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Read Data Stream	
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG

model	year	area	system	function	subfunction
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters

model	year	area	system	function	subfunction
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3

model	year	area	system	function	subfunction
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Waste Gate Valve(Turbo Only)
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible

model	year	area	system	function	subfunction
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Special Function	ISG TEST(Option)
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Special Function	CVVT Test
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Forte(YD)	2016	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Forte(YD)	2016	USA Area	ESP(Electronic Stability Program)	Version Information	
Forte(YD)	2016	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Forte(YD)	2016	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Forte(YD)	2016	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Forte(YD)	2016	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Forte(YD)	2016	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Forte(YD)	2016	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Forte(YD)	2016	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Forte(YD)	2016	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Forte(YD)	2016	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Forte(YD)	2016	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front

model	year	area	system	function	subfunction
Forte(YD)	2016	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Forte(YD)	2016	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Forte(YD)	2016	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Forte(YD)	2016	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Forte(YD)	2016	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Forte(YD)	2016	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Forte(YD)	2016	USA Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Forte(YD)	2016	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Forte(YD)	2016	USA Area	ESP(Electronic Stability Program)	Special Function	Steering Angle Sensor
Forte(YD)	2016	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Forte(YD)	2016	USA Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Forte(YD)	2016	USA Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Forte(YD)	2016	USA Area	IMMO(Immobilizer)	Read Fault Code	
Forte(YD)	2016	USA Area	IMMO(Immobilizer)	Clear Fault	
Forte(YD)	2016	USA Area	IMMO(Immobilizer)	Read Data	
Forte(YD)	2016	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Forte(YD)	2016	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Forte(YD)	2016	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Forte(YD)	2016	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Forte(YD)	2016	USA Area	MDPS(Motor Driven Power Steering)	Version Information	
Forte(YD)	2016	USA Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Forte(YD)	2016	USA Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Forte(YD)	2016	USA Area	MDPS(Motor Driven Power Steering)	Read Data Stream	

model	year	area	system	function	subfunction
Forte(YD)	2016	USA Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Forte(YD)	2016	USA Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Forte(YD)	2016	USA Area	Smart Key	Version	
Forte(YD)	2016	USA Area	Smart Key	Read Fault Code	
Forte(YD)	2016	USA Area	Smart Key	Clear Fault	
Forte(YD)	2016	USA Area	Smart Key	Read Data	
Forte(YD)	2016	USA Area	Smart Key	Actuation Test	SSB Illumination
Forte(YD)	2016	USA Area	Smart Key	Actuation Test	SSB LED Amber
Forte(YD)	2016	USA Area	Smart Key	Actuation Test	SSB LED Blue/Red
Forte(YD)	2016	USA Area	Smart Key	Actuation Test	SSB LED White
Forte(YD)	2016	USA Area	Smart Key Unit(Button)	Actuation Test	ESCL Enable(ESCL only)
Forte(YD)	2016	USA Area	Smart Key Unit(Button)	Actuation Test	ESCL Ground Output
Forte(YD)	2016	USA Area	Smart Key	Actuation Test	ACC Relay
Forte(YD)	2016	USA Area	Smart Key	Actuation Test	IGN1 Relay
Forte(YD)	2016	USA Area	Smart Key	Actuation Test	IGN2 Relay
Forte(YD)	2016	USA Area	Smart Key	Actuation Test	Starter Relay
Forte(YD)	2016	USA Area	Smart Key	Actuation Test	External Buzzer
Forte(YD)	2016	USA Area	Smart Key	Actuation Test	Key Out Indicator
Forte(YD)	2016	USA Area	Smart Key Unit(Button)	Actuation Test	Immobilizer Indicator
Forte(YD)	2016	USA Area	Smart Key Unit(Button)	Actuation Test	FOB Battery Indicator
Forte(YD)	2016	USA Area	Smart Key	Actuation Test	SSB LED OFF
Forte(YD)	2016	USA Area	Smart Key	Actuation Test	Interior Antenna
Forte(YD)	2016	USA Area	Smart Key	Actuation Test	Interior Antenna
Forte(YD)	2016	USA Area	Smart Key	Actuation Test	Trunk Antenna
Forte(YD)	2016	USA Area	Smart Key	Actuation Test	Interior Antenna
Forte(YD)	2016	USA Area	Smart Key Unit(Button)	Actuation Test	Bumper Antenna Active
Forte(YD)	2016	USA Area	Smart Key Unit(Button)	Actuation Test	Activate Driver Side Antenna
Forte(YD)	2016	USA Area	Smart Key Unit(Button)	Actuation Test	Activate Assist Side Antenna
Forte(YD)	2016	USA Area	Smart Key Unit(Button)	Actuation Test	Immobilizer Antenna
Forte(YD)	2016	USA Area	Smart Key Unit(Button)	Actuation Test	Activate Hat Shelf Antenna
Forte(YD)	2016	USA Area	Smart Key Unit(Button)	Special Function	Smart Key Code Saving
Forte(YD)	2016	USA Area	Smart Key Unit(Button)	Special Function	Neutralization Mode

model	year	area	system	function	subfunction
Forte(YD)	2016	USA Area	Smart Key Unit(Button)	Special Function	SMK Status Information
Forte(YD)	2016	USA Area	Smart Key Unit(Button)	Special Function	FOB KEY Status Information
Forte(YD)	2016	USA Area	Smart Key Unit(Button)	Special Function	Current FOB Key Check
Forte(YD)	2016	USA Area	Smart Key Unit(Button)	Special Function	Antenna Status Check
Forte(YD)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Forte(YD)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Forte(YD)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Forte(YD)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Forte(YD)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Forte(YD)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
Forte(YD)	2016	USA Area	Steering	Version	
Forte(YD)	2016	USA Area	Steering	Read Fault Code	
Forte(YD)	2016	USA Area	Steering	Clear Fault	
Forte(YD)	2016	USA Area	Steering	Read Data	
Forte(YD)	2016	USA Area	Steering	Special Function	ASP Calibration
Forte(YD)	2016	USA Area	Steering	Special Function	EPS Type Recognition
Forte(YD)	2016	USA Area	TCM(Transmission Control Module)	Version Information	
Forte(YD)	2016	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Forte(YD)	2016	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Forte(YD)	2016	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Forte(YD)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)

model	year	area	system	function	subfunction
Forte(YD)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Forte(YD)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Forte(YD)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Forte(YD)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Forte(YD)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Forte(YD)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Forte(YD)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Forte(YD)	2016	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Forte(YD)	2016	USA Area	Telematics Unit	Version	
Forte(YD)	2016	USA Area	Telematics Unit	Read Fault Code	
Forte(YD)	2016	USA Area	Telematics Unit	Clear Fault	
Forte(YD)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Forte(YD)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Forte(YD)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Forte(YD)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Forte(YD)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Forte(YD)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Forte(YD)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Forte(YD)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Forte(YD)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Forte(YD)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading

model	year	area	system	function	subfunction
Forte(YD)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Version	
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Read Fault Code	
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Clear Fault	
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Read Data	
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation

model	year	area	system	function	subfunction
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%

model	year	area	system	function	subfunction
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage PTC ON(Min.)
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage PTC OFF
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage COMP ON(Min.)
Forte(YD)	2015	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage COMP OFF
Forte(YD)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Forte(YD)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Forte(YD)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Forte(YD)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Forte(YD)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Version Information	
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Read Fault Code	
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Read Data Stream	
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)

model	year	area	system	function	subfunction
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(Headrest
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(Headrest
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Foremost Position(Cushion Extension)
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Last Position(Cushion Extension)
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay

model	year	area	system	function	subfunction
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay

model	year	area	system	function	subfunction
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output

model	year	area	system	function	subfunction
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay

model	year	area	system	function	subfunction
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator

model	year	area	system	function	subfunction
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination
Forte(YD)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Forte(YD)	2015	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Forte(YD)	2015	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Version Information	
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Read Fault Code	
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Read Data Stream	
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)

model	year	area	system	function	subfunction
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve

model	year	area	system	function	subfunction
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake

model	year	area	system	function	subfunction
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1

model	year	area	system	function	subfunction
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay

model	year	area	system	function	subfunction
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Waste Gate Valve(Turbo Only)
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Special Function	ISG TEST(Option)
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Special Function	CVVT Test
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Forte(YD)	2015	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Forte(YD)	2015	USA Area	ESP(Electronic Stability Program)	Version Information	

model	year	area	system	function	subfunction
Forte(YD)	2015	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Forte(YD)	2015	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Forte(YD)	2015	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Forte(YD)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Forte(YD)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Forte(YD)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Forte(YD)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Forte(YD)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Forte(YD)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Forte(YD)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Forte(YD)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Forte(YD)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Forte(YD)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Forte(YD)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Forte(YD)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Forte(YD)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Forte(YD)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Forte(YD)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Forte(YD)	2015	USA Area	ESP(Electronic Stability Program)	Special Function	Steering Angle Sensor
Forte(YD)	2015	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Forte(YD)	2015	USA Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)

model	year	area	system	function	subfunction
Forte(YD)	2015	USA Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor Calibration(HAC/ DBC Only)
Forte(YD)	2015	USA Area	IMMO(Immobilizer)	Read Fault Code	
Forte(YD)	2015	USA Area	IMMO(Immobilizer)	Clear Fault	
Forte(YD)	2015	USA Area	IMMO(Immobilizer)	Read Data	
Forte(YD)	2015	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Forte(YD)	2015	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Forte(YD)	2015	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Forte(YD)	2015	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Forte(YD)	2015	USA Area	MDPS(Motor Driven Power Steering)	Version Information	
Forte(YD)	2015	USA Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Forte(YD)	2015	USA Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Forte(YD)	2015	USA Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Forte(YD)	2015	USA Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Forte(YD)	2015	USA Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Forte(YD)	2015	USA Area	Motor Driven Power Steering(Mobis)	Version Information	
Forte(YD)	2015	USA Area	Motor Driven Power Steering(Mobis)	Read Fault Code	
Forte(YD)	2015	USA Area	Motor Driven Power Steering(Mobis)	Clear Fault Memory	
Forte(YD)	2015	USA Area	Motor Driven Power Steering(Mobis)	Read Data Stream	
Forte(YD)	2015	USA Area	Motor Driven Power Steering(Mobis)	Special Function	ASP Calibration
Forte(YD)	2015	USA Area	Motor Driven Power Steering(Mobis)	Special Function	EPS Type Recognition
Forte(YD)	2015	USA Area	Smart Key	Version	
Forte(YD)	2015	USA Area	Smart Key	Read Fault Code	
Forte(YD)	2015	USA Area	Smart Key	Clear Fault	
Forte(YD)	2015	USA Area	Smart Key	Read Data	
Forte(YD)	2015	USA Area	Smart Key	Actuation Test	SSB Illumination
Forte(YD)	2015	USA Area	Smart Key	Actuation Test	SSB LED Amber
Forte(YD)	2015	USA Area	Smart Key	Actuation Test	SSB LED Blue/Red
Forte(YD)	2015	USA Area	Smart Key	Actuation Test	SSB LED White
Forte(YD)	2015	USA Area	Smart Key Unit(Button)	Actuation Test	ESCL Enable(ESCL only)

model	year	area	system	function	subfunction
Forte(YD)	2015	USA Area	Smart Key Unit(Button)	Actuation Test	ESCL Ground Output
Forte(YD)	2015	USA Area	Smart Key	Actuation Test	ACC Relay
Forte(YD)	2015	USA Area	Smart Key	Actuation Test	IGN1 Relay
Forte(YD)	2015	USA Area	Smart Key	Actuation Test	IGN2 Relay
Forte(YD)	2015	USA Area	Smart Key	Actuation Test	Starter Relay
Forte(YD)	2015	USA Area	Smart Key	Actuation Test	External Buzzer
Forte(YD)	2015	USA Area	Smart Key	Actuation Test	Key Out Indicator
Forte(YD)	2015	USA Area	Smart Key Unit(Button)	Actuation Test	Immobilizer Indicator
Forte(YD)	2015	USA Area	Smart Key Unit(Button)	Actuation Test	FOB Battery Indicator
Forte(YD)	2015	USA Area	Smart Key	Actuation Test	SSB LED OFF
Forte(YD)	2015	USA Area	Smart Key	Actuation Test	Interior Antenna
Forte(YD)	2015	USA Area	Smart Key	Actuation Test	Interior Antenna
Forte(YD)	2015	USA Area	Smart Key	Actuation Test	Trunk Antenna
Forte(YD)	2015	USA Area	Smart Key	Actuation Test	Interior Antenna
Forte(YD)	2015	USA Area	Smart Key Unit(Button)	Actuation Test	Bumper Antenna Active
Forte(YD)	2015	USA Area	Smart Key Unit(Button)	Actuation Test	Activate Driver Side Antenna
Forte(YD)	2015	USA Area	Smart Key Unit(Button)	Actuation Test	Activate Assist Side Antenna
Forte(YD)	2015	USA Area	Smart Key Unit(Button)	Actuation Test	Immobilizer Antenna
Forte(YD)	2015	USA Area	Smart Key Unit(Button)	Actuation Test	Activate Hat Shelf Antenna
Forte(YD)	2015	USA Area	Smart Key Unit(Button)	Special Function	Smart Key Code Saving
Forte(YD)	2015	USA Area	Smart Key Unit(Button)	Special Function	Neutralization Mode
Forte(YD)	2015	USA Area	Smart Key Unit(Button)	Special Function	SMK Status Information
Forte(YD)	2015	USA Area	Smart Key Unit(Button)	Special Function	FOB KEY Status Information
Forte(YD)	2015	USA Area	Smart Key Unit(Button)	Special Function	Current FOB Key Check
Forte(YD)	2015	USA Area	Smart Key Unit(Button)	Special Function	Antenna Status Check
Forte(YD)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Forte(YD)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	

model	year	area	system	function	subfunction
Forte(YD)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Forte(YD)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Forte(YD)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Forte(YD)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
Forte(YD)	2015	USA Area	Steering	Version	
Forte(YD)	2015	USA Area	Steering	Read Fault Code	
Forte(YD)	2015	USA Area	Steering	Clear Fault	
Forte(YD)	2015	USA Area	Steering	Read Data	
Forte(YD)	2015	USA Area	Steering	Special Function	ASP Calibration
Forte(YD)	2015	USA Area	Steering	Special Function	EPS Type Recognition
Forte(YD)	2015	USA Area	TCM(Transmission Control Module)	Version Information	
Forte(YD)	2015	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Forte(YD)	2015	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Forte(YD)	2015	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Forte(YD)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Forte(YD)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Forte(YD)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Forte(YD)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Forte(YD)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Forte(YD)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)

model	year	area	system	function	subfunction
Forte(YD)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Forte(YD)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Forte(YD)	2015	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Forte(YD)	2015	USA Area	Telematics Unit	Version	
Forte(YD)	2015	USA Area	Telematics Unit	Read Fault Code	
Forte(YD)	2015	USA Area	Telematics Unit	Clear Fault	
Forte(YD)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Forte(YD)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Forte(YD)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Forte(YD)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Forte(YD)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Forte(YD)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Forte(YD)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Forte(YD)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Forte(YD)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Forte(YD)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Forte(YD)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Version	
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Read Fault Code	
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Clear Fault	
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Read Data	
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium

model	year	area	system	function	subfunction
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High

model	year	area	system	function	subfunction
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage PTC ON(Min.)
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage PTC OFF
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage COMP ON(Min.)

model	year	area	system	function	subfunction
Forte(YD)	2014	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage COMP OFF
Forte(YD)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Forte(YD)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Forte(YD)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Forte(YD)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Forte(YD)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Level Initialization
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Version Information	
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Read Fault Code	
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Read Data Stream	
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR

model	year	area	system	function	subfunction
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(Headrest
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(Headrest
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Foremost Position(Cushion Extension)
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Last Position(Cushion Extension)
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay

model	year	area	system	function	subfunction
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)

model	year	area	system	function	subfunction
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay

model	year	area	system	function	subfunction
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator

model	year	area	system	function	subfunction
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator

model	year	area	system	function	subfunction
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination
Forte(YD)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Forte(YD)	2014	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Forte(YD)	2014	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Version Information	
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Read Fault Code	
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Read Data Stream	
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd

model	year	area	system	function	subfunction
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters

model	year	area	system	function	subfunction
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)

model	year	area	system	function	subfunction
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Waste Gate Valve(Turbo Only)
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)

model	year	area	system	function	subfunction
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Special Function	ISG TEST(Option)
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Special Function	CVVT Test
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Forte(YD)	2014	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Forte(YD)	2014	USA Area	ESP(Electronic Stability Program)	Version Information	
Forte(YD)	2014	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Forte(YD)	2014	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Forte(YD)	2014	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Forte(YD)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Forte(YD)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Forte(YD)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Forte(YD)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear

model	year	area	system	function	subfunction
Forte(YD)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Forte(YD)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Forte(YD)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Forte(YD)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Forte(YD)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Forte(YD)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Forte(YD)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Forte(YD)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Forte(YD)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Forte(YD)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Forte(YD)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Forte(YD)	2014	USA Area	ESP(Electronic Stability Program)	Special Function	Steering Angle Sensor
Forte(YD)	2014	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Forte(YD)	2014	USA Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Forte(YD)	2014	USA Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Forte(YD)	2014	USA Area	IMMO(Immobilizer)	Read Fault Code	
Forte(YD)	2014	USA Area	IMMO(Immobilizer)	Clear Fault	
Forte(YD)	2014	USA Area	IMMO(Immobilizer)	Read Data	
Forte(YD)	2014	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Forte(YD)	2014	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Forte(YD)	2014	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Forte(YD)	2014	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Forte(YD)	2014	USA Area	MDPS(Motor Driven Power Steering)	Version Information	

model	year	area	system	function	subfunction
Forte(YD)	2014	USA Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Forte(YD)	2014	USA Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Forte(YD)	2014	USA Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Forte(YD)	2014	USA Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Forte(YD)	2014	USA Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Forte(YD)	2014	USA Area	Motor Driven Power Steering(Mobis)	Version Information	
Forte(YD)	2014	USA Area	Motor Driven Power Steering(Mobis)	Read Fault Code	
Forte(YD)	2014	USA Area	Motor Driven Power Steering(Mobis)	Clear Fault Memory	
Forte(YD)	2014	USA Area	Motor Driven Power Steering(Mobis)	Read Data Stream	
Forte(YD)	2014	USA Area	Motor Driven Power Steering(Mobis)	Special Function	ASP Calibration
Forte(YD)	2014	USA Area	Motor Driven Power Steering(Mobis)	Special Function	EPS Type Recognition
Forte(YD)	2014	USA Area	Smart Key	Version	
Forte(YD)	2014	USA Area	Smart Key	Read Fault Code	
Forte(YD)	2014	USA Area	Smart Key	Clear Fault	
Forte(YD)	2014	USA Area	Smart Key	Read Data	
Forte(YD)	2014	USA Area	Smart Key	Actuation Test	SSB Illumination
Forte(YD)	2014	USA Area	Smart Key	Actuation Test	SSB LED Amber
Forte(YD)	2014	USA Area	Smart Key	Actuation Test	SSB LED Blue/Red
Forte(YD)	2014	USA Area	Smart Key	Actuation Test	SSB LED White
Forte(YD)	2014	USA Area	Smart Key Unit(Button)	Actuation Test	ESCL Enable(ESCL only)
Forte(YD)	2014	USA Area	Smart Key Unit(Button)	Actuation Test	ESCL Ground Output
Forte(YD)	2014	USA Area	Smart Key	Actuation Test	ACC Relay
Forte(YD)	2014	USA Area	Smart Key	Actuation Test	IGN1 Relay
Forte(YD)	2014	USA Area	Smart Key	Actuation Test	IGN2 Relay
Forte(YD)	2014	USA Area	Smart Key	Actuation Test	Starter Relay
Forte(YD)	2014	USA Area	Smart Key	Actuation Test	External Buzzer
Forte(YD)	2014	USA Area	Smart Key	Actuation Test	Key Out Indicator
Forte(YD)	2014	USA Area	Smart Key Unit(Button)	Actuation Test	Immobilizer Indicator
Forte(YD)	2014	USA Area	Smart Key Unit(Button)	Actuation Test	FOB Battery Indicator
Forte(YD)	2014	USA Area	Smart Key	Actuation Test	SSB LED OFF
Forte(YD)	2014	USA Area	Smart Key	Actuation Test	Interior Antenna

model	year	area	system	function	subfunction
Forte(YD)	2014	USA Area	Smart Key	Actuation Test	Interior Antenna
Forte(YD)	2014	USA Area	Smart Key	Actuation Test	Trunk Antenna
Forte(YD)	2014	USA Area	Smart Key	Actuation Test	Interior Antenna
Forte(YD)	2014	USA Area	Smart Key Unit(Button)	Actuation Test	Bumper Antenna Active
Forte(YD)	2014	USA Area	Smart Key Unit(Button)	Actuation Test	Activate Driver Side Antenna
Forte(YD)	2014	USA Area	Smart Key Unit(Button)	Actuation Test	Activate Assist Side Antenna
Forte(YD)	2014	USA Area	Smart Key Unit(Button)	Actuation Test	Immobilizer Antenna
Forte(YD)	2014	USA Area	Smart Key Unit(Button)	Actuation Test	Activate Hat Shelf Antenna
Forte(YD)	2014	USA Area	Smart Key Unit(Button)	Special Function	Smart Key Code Saving
Forte(YD)	2014	USA Area	Smart Key Unit(Button)	Special Function	Neutralization Mode
Forte(YD)	2014	USA Area	Smart Key Unit(Button)	Special Function	SMK Status Information
Forte(YD)	2014	USA Area	Smart Key Unit(Button)	Special Function	FOB KEY Status Information
Forte(YD)	2014	USA Area	Smart Key Unit(Button)	Special Function	Current FOB Key Check
Forte(YD)	2014	USA Area	Smart Key Unit(Button)	Special Function	Antenna Status Check
Forte(YD)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Forte(YD)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Forte(YD)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Forte(YD)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Forte(YD)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Forte(YD)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
Forte(YD)	2014	USA Area	Steering	Version	
Forte(YD)	2014	USA Area	Steering	Read Fault Code	
Forte(YD)	2014	USA Area	Steering	Clear Fault	

model	year	area	system	function	subfunction
Forte(YD)	2014	USA Area	Steering	Read Data	
Forte(YD)	2014	USA Area	Steering	Special Function	ASP Calibration
Forte(YD)	2014	USA Area	Steering	Special Function	EPS Type Recognition
Forte(YD)	2014	USA Area	TCM(Transmission Control Module)	Version Information	
Forte(YD)	2014	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Forte(YD)	2014	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Forte(YD)	2014	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Forte(YD)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Forte(YD)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Forte(YD)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Forte(YD)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Forte(YD)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Forte(YD)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Forte(YD)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Forte(YD)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Forte(YD)	2014	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Forte(YD)	2014	USA Area	Telematics Unit	Version	
Forte(YD)	2014	USA Area	Telematics Unit	Read Fault Code	
Forte(YD)	2014	USA Area	Telematics Unit	Clear Fault	
Forte(YD)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Forte(YD)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	

model	year	area	system	function	subfunction
Forte(YD)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Forte(YD)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Forte(YD)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Forte(YD)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Forte(YD)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Forte(YD)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Forte(YD)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Forte(YD)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Forte(YD)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Version Information	
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Read Fault Code	
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Clear Fault Memory	
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Read Data Stream	
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Forte/Forte Koup(TD)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2013	USA Area	BCM(Body Control Module)	Version Information	
Forte/Forte Koup(TD)	2013	USA Area	BCM(Body Control Module)	Read Data Stream	
Forte/Forte Koup(TD)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Forte/Forte Koup(TD)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Forte/Forte Koup(TD)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Forte/Forte Koup(TD)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Trunk Release Relay
Forte/Forte Koup(TD)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Unit
Forte/Forte Koup(TD)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Forte/Forte Koup(TD)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Forte/Forte Koup(TD)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Forte/Forte Koup(TD)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay/DRL Unit
Forte/Forte Koup(TD)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Relay
Forte/Forte Koup(TD)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Forte/Forte Koup(TD)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Forte/Forte Koup(TD)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Forte/Forte Koup(TD)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Forte/Forte Koup(TD)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Forte/Forte Koup(TD)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Relay
Forte/Forte Koup(TD)	2013	USA Area	BCM(Body Control Module)	Actuation Test	ATM ShiftLock Relay
Forte/Forte Koup(TD)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Forte/Forte Koup(TD)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Tail Gate Relay
Forte/Forte Koup(TD)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Forte/Forte Koup(TD)	2013	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Forte/Forte Koup(TD)	2013	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Version Information	
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Read Fault Code	
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Read Data Stream	
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Waste Gate Valve(Turbo Only)
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Special Function	CVVT Test
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Forte/Forte Koup(TD)	2013	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Forte/Forte Koup(TD)	2013	USA Area	ESP(Electronic Stability Program)	Version Information	
Forte/Forte Koup(TD)	2013	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Forte/Forte Koup(TD)	2013	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Forte/Forte Koup(TD)	2013	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Forte/Forte Koup(TD)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Forte/Forte Koup(TD)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Forte/Forte Koup(TD)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Forte/Forte Koup(TD)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Forte/Forte Koup(TD)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Forte/Forte Koup(TD)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Forte/Forte Koup(TD)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Forte/Forte Koup(TD)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Forte/Forte Koup(TD)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Forte/Forte Koup(TD)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Forte/Forte Koup(TD)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Forte/Forte Koup(TD)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Forte/Forte Koup(TD)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Forte/Forte Koup(TD)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Forte/Forte Koup(TD)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Forte/Forte Koup(TD)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Forte/Forte Koup(TD)	2013	USA Area	ESP(Electronic Stability Program)	Special Function	Steering Angle Sensor
Forte/Forte Koup(TD)	2013	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Forte/Forte Koup(TD)	2013	USA Area	IMMO(Immobilizer)	Read Data Stream	
Forte/Forte Koup(TD)	2013	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Forte/Forte Koup(TD)	2013	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral Mode
Forte/Forte Koup(TD)	2013	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Forte/Forte Koup(TD)	2013	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Forte/Forte Koup(TD)	2013	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Forte/Forte Koup(TD)	2013	USA Area	Power Steering	Version Information	
Forte/Forte Koup(TD)	2013	USA Area	Power Steering	Read Fault Code	
Forte/Forte Koup(TD)	2013	USA Area	Power Steering	Clear Fault Memory	
Forte/Forte Koup(TD)	2013	USA Area	Power Steering	Read Data Stream	
Forte/Forte Koup(TD)	2013	USA Area	Power Steering	Special Function	ASP Calibration

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2013	USA Area	Power Steering	Special Function	EPS Type Recognition
Forte/Forte Koup(TD)	2013	USA Area	Smart Key	Version Information	
Forte/Forte Koup(TD)	2013	USA Area	Smart Key	Read Fault Code	
Forte/Forte Koup(TD)	2013	USA Area	Smart Key	Clear Fault Memory	
Forte/Forte Koup(TD)	2013	USA Area	Smart Key	Read Data Stream	
Forte/Forte Koup(TD)	2013	USA Area	Smart Key	Actuation Test	SSB LED Amber
Forte/Forte Koup(TD)	2013	USA Area	Smart Key	Actuation Test	SSB LED Blue/Green
Forte/Forte Koup(TD)	2013	USA Area	Smart Key	Actuation Test	FOB holder illumination
Forte/Forte Koup(TD)	2013	USA Area	Smart Key	Actuation Test	SSB illumination
Forte/Forte Koup(TD)	2013	USA Area	Smart Key	Actuation Test	ACC Relay
Forte/Forte Koup(TD)	2013	USA Area	Smart Key	Actuation Test	IGN1 Relay
Forte/Forte Koup(TD)	2013	USA Area	Smart Key	Actuation Test	IGN2 Relay
Forte/Forte Koup(TD)	2013	USA Area	Smart Key	Actuation Test	START Relay
Forte/Forte Koup(TD)	2013	USA Area	Smart Key	Actuation Test	Key Out Indicator
Forte/Forte Koup(TD)	2013	USA Area	Smart Key	Actuation Test	Immobilizer Indicator
Forte/Forte Koup(TD)	2013	USA Area	Smart Key	Actuation Test	External Buzzer
Forte/Forte Koup(TD)	2013	USA Area	Smart Key	Actuation Test	Interior Antenna 1
Forte/Forte Koup(TD)	2013	USA Area	Smart Key	Actuation Test	Interior Antenna 2
Forte/Forte Koup(TD)	2013	USA Area	Smart Key	Actuation Test	Trunk/Tailgate Antenna Active
Forte/Forte Koup(TD)	2013	USA Area	Smart Key	Actuation Test	Bumper/Tail Gate Antenna
Forte/Forte Koup(TD)	2013	USA Area	Smart Key	Actuation Test	Driver Door Handle Antenna
Forte/Forte Koup(TD)	2013	USA Area	Smart Key	Actuation Test	Right Door Handle Antenna
Forte/Forte Koup(TD)	2013	USA Area	Smart Key	Special Function	Neutralization Mode

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2013	USA Area	Smart Key	Special Function	SMK Status Information
Forte/Forte Koup(TD)	2013	USA Area	Smart Key	Special Function	PDM Status Information
Forte/Forte Koup(TD)	2013	USA Area	Smart Key	Special Function	FOB KEY Status Information
Forte/Forte Koup(TD)	2013	USA Area	Smart Key	Special Function	Serial Communication Line Check
Forte/Forte Koup(TD)	2013	USA Area	Smart Key	Special Function	Antenna Status Check
Forte/Forte Koup(TD)	2013	USA Area	Smart Key	Special Function	Smart Key Code Saving
Forte/Forte Koup(TD)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Forte/Forte Koup(TD)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Forte/Forte Koup(TD)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Forte/Forte Koup(TD)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Forte/Forte Koup(TD)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Forte/Forte Koup(TD)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Forte/Forte Koup(TD)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
Forte/Forte Koup(TD)	2013	USA Area	Steering	Version Information	
Forte/Forte Koup(TD)	2013	USA Area	Steering	Read Fault Code	
Forte/Forte Koup(TD)	2013	USA Area	Steering	Clear Fault Memory	
Forte/Forte Koup(TD)	2013	USA Area	Steering	Read Data Stream	
Forte/Forte Koup(TD)	2013	USA Area	Steering	Special Function	ASP Calibration
Forte/Forte Koup(TD)	2013	USA Area	Steering	Special Function	EPS Type Recognition

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2013	USA Area	TCM(Transmission Control Module)	Version Information	
Forte/Forte Koup(TD)	2013	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Forte/Forte Koup(TD)	2013	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Forte/Forte Koup(TD)	2013	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Forte/Forte Koup(TD)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Forte/Forte Koup(TD)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Forte/Forte Koup(TD)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Forte/Forte Koup(TD)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Forte/Forte Koup(TD)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Forte/Forte Koup(TD)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Forte/Forte Koup(TD)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Forte/Forte Koup(TD)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Forte/Forte Koup(TD)	2013	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Forte/Forte Koup(TD)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Forte/Forte Koup(TD)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Forte/Forte Koup(TD)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Forte/Forte Koup(TD)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Forte/Forte Koup(TD)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Forte/Forte Koup(TD)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Forte/Forte Koup(TD)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Forte/Forte Koup(TD)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Forte/Forte Koup(TD)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Forte/Forte Koup(TD)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Version Information	
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Read Fault Code	
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Clear Fault Memory	
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Read Data Stream	
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Forte/Forte Koup(TD)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Forte/Forte Koup(TD)	2012	USA Area	BCM(Body Control Module)	Version Information	
Forte/Forte Koup(TD)	2012	USA Area	BCM(Body Control Module)	Read Data Stream	
Forte/Forte Koup(TD)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Forte/Forte Koup(TD)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Forte/Forte Koup(TD)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Trunk Release Relay
Forte/Forte Koup(TD)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Unit
Forte/Forte Koup(TD)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Forte/Forte Koup(TD)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Forte/Forte Koup(TD)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Forte/Forte Koup(TD)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay/DRL Unit
Forte/Forte Koup(TD)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Relay
Forte/Forte Koup(TD)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Forte/Forte Koup(TD)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Forte/Forte Koup(TD)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Forte/Forte Koup(TD)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Forte/Forte Koup(TD)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Forte/Forte Koup(TD)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Relay
Forte/Forte Koup(TD)	2012	USA Area	BCM(Body Control Module)	Actuation Test	ATM ShiftLock Relay
Forte/Forte Koup(TD)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Forte/Forte Koup(TD)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Tail Gate Relay
Forte/Forte Koup(TD)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay
Forte/Forte Koup(TD)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Forte/Forte Koup(TD)	2012	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Forte/Forte Koup(TD)	2012	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Version Information	
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Read Fault Code	
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Read Data Stream	
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Waste Gate Valve(Turbo Only)
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Special Function	CVVT Test
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Forte/Forte Koup(TD)	2012	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Forte/Forte Koup(TD)	2012	USA Area	ESP(Electronic Stability Program)	Version Information	
Forte/Forte Koup(TD)	2012	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Forte/Forte Koup(TD)	2012	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Forte/Forte Koup(TD)	2012	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Forte/Forte Koup(TD)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Forte/Forte Koup(TD)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Forte/Forte Koup(TD)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Forte/Forte Koup(TD)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Forte/Forte Koup(TD)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Forte/Forte Koup(TD)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Forte/Forte Koup(TD)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Forte/Forte Koup(TD)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Forte/Forte Koup(TD)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Forte/Forte Koup(TD)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Forte/Forte Koup(TD)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Forte/Forte Koup(TD)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Forte/Forte Koup(TD)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Forte/Forte Koup(TD)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Forte/Forte Koup(TD)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Forte/Forte Koup(TD)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Forte/Forte Koup(TD)	2012	USA Area	ESP(Electronic Stability Program)	Special Function	Steering Angle Sensor
Forte/Forte Koup(TD)	2012	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Forte/Forte Koup(TD)	2012	USA Area	IMMO(Immobilizer)	Read Data Stream	
Forte/Forte Koup(TD)	2012	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Forte/Forte Koup(TD)	2012	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral Mode
Forte/Forte Koup(TD)	2012	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Forte/Forte Koup(TD)	2012	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Forte/Forte Koup(TD)	2012	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Forte/Forte Koup(TD)	2012	USA Area	Power Steering	Version Information	
Forte/Forte Koup(TD)	2012	USA Area	Power Steering	Read Fault Code	
Forte/Forte Koup(TD)	2012	USA Area	Power Steering	Clear Fault Memory	
Forte/Forte Koup(TD)	2012	USA Area	Power Steering	Read Data Stream	
Forte/Forte Koup(TD)	2012	USA Area	Power Steering	Special Function	ASP Calibration
Forte/Forte Koup(TD)	2012	USA Area	Power Steering	Special Function	EPS Type Recognition
Forte/Forte Koup(TD)	2012	USA Area	Smart Key	Version Information	

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2012	USA Area	Smart Key	Read Fault Code	
Forte/Forte Koup(TD)	2012	USA Area	Smart Key	Clear Fault Memory	
Forte/Forte Koup(TD)	2012	USA Area	Smart Key	Read Data Stream	
Forte/Forte Koup(TD)	2012	USA Area	Smart Key	Actuation Test	SSB LED Amber
Forte/Forte Koup(TD)	2012	USA Area	Smart Key	Actuation Test	SSB LED Blue/Green
Forte/Forte Koup(TD)	2012	USA Area	Smart Key	Actuation Test	FOB holder illumination
Forte/Forte Koup(TD)	2012	USA Area	Smart Key	Actuation Test	SSB illumination
Forte/Forte Koup(TD)	2012	USA Area	Smart Key	Actuation Test	ACC Relay
Forte/Forte Koup(TD)	2012	USA Area	Smart Key	Actuation Test	IGN1 Relay
Forte/Forte Koup(TD)	2012	USA Area	Smart Key	Actuation Test	IGN2 Relay
Forte/Forte Koup(TD)	2012	USA Area	Smart Key	Actuation Test	START Relay
Forte/Forte Koup(TD)	2012	USA Area	Smart Key	Actuation Test	Key Out Indicator
Forte/Forte Koup(TD)	2012	USA Area	Smart Key	Actuation Test	Immobilizer Indicator
Forte/Forte Koup(TD)	2012	USA Area	Smart Key	Actuation Test	External Buzzer
Forte/Forte Koup(TD)	2012	USA Area	Smart Key	Actuation Test	Interior Antenna 1
Forte/Forte Koup(TD)	2012	USA Area	Smart Key	Actuation Test	Interior Antenna 2
Forte/Forte Koup(TD)	2012	USA Area	Smart Key	Actuation Test	Trunk/Tailgate Antenna Active
Forte/Forte Koup(TD)	2012	USA Area	Smart Key	Actuation Test	Bumper/Tail Gate Antenna
Forte/Forte Koup(TD)	2012	USA Area	Smart Key	Actuation Test	Driver Door Handle Antenna
Forte/Forte Koup(TD)	2012	USA Area	Smart Key	Actuation Test	Right Door Handle Antenna
Forte/Forte Koup(TD)	2012	USA Area	Smart Key	Special Function	Neutralization Mode
Forte/Forte Koup(TD)	2012	USA Area	Smart Key	Special Function	SMK Status Information
Forte/Forte Koup(TD)	2012	USA Area	Smart Key	Special Function	PDM Status Information

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2012	USA Area	Smart Key	Special Function	FOB KEY Status Information
Forte/Forte Koup(TD)	2012	USA Area	Smart Key	Special Function	Serial Communication Line Check
Forte/Forte Koup(TD)	2012	USA Area	Smart Key	Special Function	Antenna Status Check
Forte/Forte Koup(TD)	2012	USA Area	Smart Key	Special Function	Smart Key Code Saving
Forte/Forte Koup(TD)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Forte/Forte Koup(TD)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Forte/Forte Koup(TD)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Forte/Forte Koup(TD)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Forte/Forte Koup(TD)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Forte/Forte Koup(TD)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Forte/Forte Koup(TD)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
Forte/Forte Koup(TD)	2012	USA Area	Steering	Version Information	
Forte/Forte Koup(TD)	2012	USA Area	Steering	Read Fault Code	
Forte/Forte Koup(TD)	2012	USA Area	Steering	Clear Fault Memory	
Forte/Forte Koup(TD)	2012	USA Area	Steering	Read Data Stream	
Forte/Forte Koup(TD)	2012	USA Area	Steering	Special Function	ASP Calibration
Forte/Forte Koup(TD)	2012	USA Area	Steering	Special Function	EPS Type Recognition
Forte/Forte Koup(TD)	2012	USA Area	TCM(Transmission Control Module)	Version Information	
Forte/Forte Koup(TD)	2012	USA Area	TCM(Transmission Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2012	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Forte/Forte Koup(TD)	2012	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Forte/Forte Koup(TD)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Forte/Forte Koup(TD)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Forte/Forte Koup(TD)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Forte/Forte Koup(TD)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Forte/Forte Koup(TD)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Forte/Forte Koup(TD)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Forte/Forte Koup(TD)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Forte/Forte Koup(TD)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Forte/Forte Koup(TD)	2012	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Forte/Forte Koup(TD)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Forte/Forte Koup(TD)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Forte/Forte Koup(TD)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Forte/Forte Koup(TD)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Forte/Forte Koup(TD)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Forte/Forte Koup(TD)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Forte/Forte Koup(TD)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Forte/Forte Koup(TD)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Forte/Forte Koup(TD)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Forte/Forte Koup(TD)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Version Information	
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Read Fault Code	
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Clear Fault Memory	
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Read Data Stream	
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Forte/Forte Koup(TD)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Forte/Forte Koup(TD)	2011	USA Area	BCM(Body Control Module)	Version Information	
Forte/Forte Koup(TD)	2011	USA Area	BCM(Body Control Module)	Read Data Stream	
Forte/Forte Koup(TD)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Forte/Forte Koup(TD)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Forte/Forte Koup(TD)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Forte/Forte Koup(TD)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Trunk Release Relay

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Unit
Forte/Forte Koup(TD)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Forte/Forte Koup(TD)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Forte/Forte Koup(TD)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Forte/Forte Koup(TD)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay/DRL Unit
Forte/Forte Koup(TD)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Relay
Forte/Forte Koup(TD)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Forte/Forte Koup(TD)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Forte/Forte Koup(TD)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Forte/Forte Koup(TD)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Forte/Forte Koup(TD)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Forte/Forte Koup(TD)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Relay
Forte/Forte Koup(TD)	2011	USA Area	BCM(Body Control Module)	Actuation Test	ATM ShiftLock Relay
Forte/Forte Koup(TD)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Forte/Forte Koup(TD)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Tail Gate Relay
Forte/Forte Koup(TD)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay
Forte/Forte Koup(TD)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Forte/Forte Koup(TD)	2011	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Forte/Forte Koup(TD)	2011	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Version Information	
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Read Fault Code	
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Read Data Stream	
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Forte/Forte Koup(TD)	2011	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Forte/Forte Koup(TD)	2011	USA Area	ESP(Electronic Stability Program)	Version Information	
Forte/Forte Koup(TD)	2011	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Forte/Forte Koup(TD)	2011	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Forte/Forte Koup(TD)	2011	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Forte/Forte Koup(TD)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Forte/Forte Koup(TD)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Forte/Forte Koup(TD)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Forte/Forte Koup(TD)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Forte/Forte Koup(TD)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Forte/Forte Koup(TD)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Forte/Forte Koup(TD)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Forte/Forte Koup(TD)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Forte/Forte Koup(TD)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Forte/Forte Koup(TD)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Forte/Forte Koup(TD)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Forte/Forte Koup(TD)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Forte/Forte Koup(TD)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Forte/Forte Koup(TD)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Forte/Forte Koup(TD)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Forte/Forte Koup(TD)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Forte/Forte Koup(TD)	2011	USA Area	ESP(Electronic Stability Program)	Special Function	Steering Angle Sensor
Forte/Forte Koup(TD)	2011	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Forte/Forte Koup(TD)	2011	USA Area	IMMO(Immobilizer)	Read Data Stream	
Forte/Forte Koup(TD)	2011	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Forte/Forte Koup(TD)	2011	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral Mode
Forte/Forte Koup(TD)	2011	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Forte/Forte Koup(TD)	2011	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Forte/Forte Koup(TD)	2011	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Forte/Forte Koup(TD)	2011	USA Area	Power Steering	Version Information	

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2011	USA Area	Power Steering	Read Fault Code	
Forte/Forte Koup(TD)	2011	USA Area	Power Steering	Clear Fault Memory	
Forte/Forte Koup(TD)	2011	USA Area	Power Steering	Read Data Stream	
Forte/Forte Koup(TD)	2011	USA Area	Power Steering	Special Function	ASP Calibration
Forte/Forte Koup(TD)	2011	USA Area	Power Steering	Special Function	EPS Type Recognition
Forte/Forte Koup(TD)	2011	USA Area	Smart Key	Version Information	
Forte/Forte Koup(TD)	2011	USA Area	Smart Key	Read Fault Code	
Forte/Forte Koup(TD)	2011	USA Area	Smart Key	Clear Fault Memory	
Forte/Forte Koup(TD)	2011	USA Area	Smart Key	Read Data Stream	
Forte/Forte Koup(TD)	2011	USA Area	Smart Key	Actuation Test	SSB LED Amber
Forte/Forte Koup(TD)	2011	USA Area	Smart Key	Actuation Test	SSB LED Blue/Green
Forte/Forte Koup(TD)	2011	USA Area	Smart Key	Actuation Test	FOB holder illumination
Forte/Forte Koup(TD)	2011	USA Area	Smart Key	Actuation Test	SSB illumination
Forte/Forte Koup(TD)	2011	USA Area	Smart Key	Actuation Test	ACC Relay
Forte/Forte Koup(TD)	2011	USA Area	Smart Key	Actuation Test	IGN1 Relay
Forte/Forte Koup(TD)	2011	USA Area	Smart Key	Actuation Test	IGN2 Relay
Forte/Forte Koup(TD)	2011	USA Area	Smart Key	Actuation Test	START Relay
Forte/Forte Koup(TD)	2011	USA Area	Smart Key	Actuation Test	Key Out Indicator
Forte/Forte Koup(TD)	2011	USA Area	Smart Key	Actuation Test	Immobilizer Indicator
Forte/Forte Koup(TD)	2011	USA Area	Smart Key	Actuation Test	External Buzzer
Forte/Forte Koup(TD)	2011	USA Area	Smart Key	Actuation Test	Interior Antenna 1
Forte/Forte Koup(TD)	2011	USA Area	Smart Key	Actuation Test	Interior Antenna 2
Forte/Forte Koup(TD)	2011	USA Area	Smart Key	Actuation Test	Trunk/Tailgate Antenna Active

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2011	USA Area	Smart Key	Actuation Test	Bumper/Tail Gate Antenna
Forte/Forte Koup(TD)	2011	USA Area	Smart Key	Actuation Test	Driver Door Handle Antenna
Forte/Forte Koup(TD)	2011	USA Area	Smart Key	Actuation Test	Right Door Handle Antenna
Forte/Forte Koup(TD)	2011	USA Area	Smart Key	Special Function	Neutralization Mode
Forte/Forte Koup(TD)	2011	USA Area	Smart Key	Special Function	SMK Status Information
Forte/Forte Koup(TD)	2011	USA Area	Smart Key	Special Function	PDM Status Information
Forte/Forte Koup(TD)	2011	USA Area	Smart Key	Special Function	FOB KEY Status Information
Forte/Forte Koup(TD)	2011	USA Area	Smart Key	Special Function	Serial Communication Line Check
Forte/Forte Koup(TD)	2011	USA Area	Smart Key	Special Function	Antenna Status Check
Forte/Forte Koup(TD)	2011	USA Area	Smart Key	Special Function	Smart Key Code Saving
Forte/Forte Koup(TD)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Forte/Forte Koup(TD)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Forte/Forte Koup(TD)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Forte/Forte Koup(TD)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Forte/Forte Koup(TD)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Forte/Forte Koup(TD)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Forte/Forte Koup(TD)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
Forte/Forte Koup(TD)	2011	USA Area	Steering	Version Information	
Forte/Forte Koup(TD)	2011	USA Area	Steering	Read Fault Code	

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2011	USA Area	Steering	Clear Fault Memory	
Forte/Forte Koup(TD)	2011	USA Area	Steering	Read Data Stream	
Forte/Forte Koup(TD)	2011	USA Area	Steering	Special Function	ASP Calibration
Forte/Forte Koup(TD)	2011	USA Area	Steering	Special Function	EPS Type Recognition
Forte/Forte Koup(TD)	2011	USA Area	TCM(Transmission Control Module)	Version Information	
Forte/Forte Koup(TD)	2011	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Forte/Forte Koup(TD)	2011	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Forte/Forte Koup(TD)	2011	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Forte/Forte Koup(TD)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Forte/Forte Koup(TD)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Forte/Forte Koup(TD)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Forte/Forte Koup(TD)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Forte/Forte Koup(TD)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Forte/Forte Koup(TD)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Forte/Forte Koup(TD)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Forte/Forte Koup(TD)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Forte/Forte Koup(TD)	2011	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Forte/Forte Koup(TD)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Forte/Forte Koup(TD)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Forte/Forte Koup(TD)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Forte/Forte Koup(TD)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Forte/Forte Koup(TD)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Forte/Forte Koup(TD)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Forte/Forte Koup(TD)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Forte/Forte Koup(TD)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Forte/Forte Koup(TD)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Forte/Forte Koup(TD)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Version Information	
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Read Fault Code	
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Clear Fault Memory	
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Read Data Stream	
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Forte/Forte Koup(TD)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2010	USA Area	BCM(Body Control Module)	Version Information	
Forte/Forte Koup(TD)	2010	USA Area	BCM(Body Control Module)	Read Data Stream	
Forte/Forte Koup(TD)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Forte/Forte Koup(TD)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Forte/Forte Koup(TD)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Forte/Forte Koup(TD)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Trunk Release Relay
Forte/Forte Koup(TD)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Unit
Forte/Forte Koup(TD)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Forte/Forte Koup(TD)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Forte/Forte Koup(TD)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Forte/Forte Koup(TD)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay/DRL Unit
Forte/Forte Koup(TD)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Relay
Forte/Forte Koup(TD)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Forte/Forte Koup(TD)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Forte/Forte Koup(TD)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Forte/Forte Koup(TD)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Forte/Forte Koup(TD)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Forte/Forte Koup(TD)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Relay
Forte/Forte Koup(TD)	2010	USA Area	BCM(Body Control Module)	Actuation Test	ATM ShiftLock Relay
Forte/Forte Koup(TD)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Forte/Forte Koup(TD)	2010	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Forte/Forte Koup(TD)	2010	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Version Information	
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Read Fault Code	
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Read Data Stream	
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Forte/Forte Koup(TD)	2010	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Forte/Forte Koup(TD)	2010	USA Area	ESP(Electronic Stability Program)	Version Information	
Forte/Forte Koup(TD)	2010	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Forte/Forte Koup(TD)	2010	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Forte/Forte Koup(TD)	2010	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Forte/Forte Koup(TD)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Forte/Forte Koup(TD)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Forte/Forte Koup(TD)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Forte/Forte Koup(TD)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Forte/Forte Koup(TD)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Forte/Forte Koup(TD)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Forte/Forte Koup(TD)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Forte/Forte Koup(TD)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Forte/Forte Koup(TD)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Forte/Forte Koup(TD)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Forte/Forte Koup(TD)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Forte/Forte Koup(TD)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Forte/Forte Koup(TD)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Forte/Forte Koup(TD)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Forte/Forte Koup(TD)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Forte/Forte Koup(TD)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Forte/Forte Koup(TD)	2010	USA Area	ESP(Electronic Stability Program)	Special Function	Steering Angle Sensor
Forte/Forte Koup(TD)	2010	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Forte/Forte Koup(TD)	2010	USA Area	IMMO(Immobilizer)	Read Data Stream	
Forte/Forte Koup(TD)	2010	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Forte/Forte Koup(TD)	2010	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral Mode
Forte/Forte Koup(TD)	2010	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2010	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Forte/Forte Koup(TD)	2010	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Forte/Forte Koup(TD)	2010	USA Area	Smart Key	Version Information	
Forte/Forte Koup(TD)	2010	USA Area	Smart Key	Read Fault Code	
Forte/Forte Koup(TD)	2010	USA Area	Smart Key	Clear Fault Memory	
Forte/Forte Koup(TD)	2010	USA Area	Smart Key	Read Data Stream	
Forte/Forte Koup(TD)	2010	USA Area	Smart Key	Actuation Test	SSB LED Amber
Forte/Forte Koup(TD)	2010	USA Area	Smart Key	Actuation Test	SSB LED Blue/Green
Forte/Forte Koup(TD)	2010	USA Area	Smart Key	Actuation Test	FOB holder illumination
Forte/Forte Koup(TD)	2010	USA Area	Smart Key	Actuation Test	SSB illumination
Forte/Forte Koup(TD)	2010	USA Area	Smart Key	Actuation Test	ACC Relay
Forte/Forte Koup(TD)	2010	USA Area	Smart Key	Actuation Test	IGN1 Relay
Forte/Forte Koup(TD)	2010	USA Area	Smart Key	Actuation Test	IGN2 Relay
Forte/Forte Koup(TD)	2010	USA Area	Smart Key	Actuation Test	START Relay
Forte/Forte Koup(TD)	2010	USA Area	Smart Key	Actuation Test	Key Out Indicator
Forte/Forte Koup(TD)	2010	USA Area	Smart Key	Actuation Test	Immobilizer Indicator
Forte/Forte Koup(TD)	2010	USA Area	Smart Key	Actuation Test	External Buzzer
Forte/Forte Koup(TD)	2010	USA Area	Smart Key	Actuation Test	Interior Antenna 1
Forte/Forte Koup(TD)	2010	USA Area	Smart Key	Actuation Test	Interior Antenna 2
Forte/Forte Koup(TD)	2010	USA Area	Smart Key	Actuation Test	Trunk/Tailgate Antenna Active
Forte/Forte Koup(TD)	2010	USA Area	Smart Key	Actuation Test	Bumper/Tail Gate Antenna
Forte/Forte Koup(TD)	2010	USA Area	Smart Key	Actuation Test	Driver Door Handle Antenna
Forte/Forte Koup(TD)	2010	USA Area	Smart Key	Actuation Test	Right Door Handle Antenna

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2010	USA Area	Smart Key	Special Function	ESCL Open Status Check
Forte/Forte Koup(TD)	2010	USA Area	Smart Key	Special Function	Neutralization Mode
Forte/Forte Koup(TD)	2010	USA Area	Smart Key	Special Function	SMK Status Information
Forte/Forte Koup(TD)	2010	USA Area	Smart Key	Special Function	ESCL Status Information
Forte/Forte Koup(TD)	2010	USA Area	Smart Key	Special Function	PDM Status Information
Forte/Forte Koup(TD)	2010	USA Area	Smart Key	Special Function	FOB KEY Status Information
Forte/Forte Koup(TD)	2010	USA Area	Smart Key	Special Function	Serial Communication Line Check
Forte/Forte Koup(TD)	2010	USA Area	Smart Key	Special Function	Antenna Status Check
Forte/Forte Koup(TD)	2010	USA Area	Smart Key	Special Function	Smart Key Code Saving
Forte/Forte Koup(TD)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Forte/Forte Koup(TD)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Forte/Forte Koup(TD)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Forte/Forte Koup(TD)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Forte/Forte Koup(TD)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Forte/Forte Koup(TD)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Forte/Forte Koup(TD)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
Forte/Forte Koup(TD)	2010	USA Area	Steering	Version Information	
Forte/Forte Koup(TD)	2010	USA Area	Steering	Read Fault Code	
Forte/Forte Koup(TD)	2010	USA Area	Steering	Clear Fault Memory	

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2010	USA Area	Steering	Read Data Stream	
Forte/Forte Koup(TD)	2010	USA Area	Steering	Special Function	ASP Calibration
Forte/Forte Koup(TD)	2010	USA Area	Steering	Special Function	EPS Type Recognition
Forte/Forte Koup(TD)	2010	USA Area	TCM(Transmission Control Module)	Version Information	
Forte/Forte Koup(TD)	2010	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Forte/Forte Koup(TD)	2010	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Forte/Forte Koup(TD)	2010	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Forte/Forte Koup(TD)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
Forte/Forte Koup(TD)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
Forte/Forte Koup(TD)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE
Forte/Forte Koup(TD)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
Forte/Forte Koup(TD)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
Forte/Forte Koup(TD)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Forte/Forte Koup(TD)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(LR/DIR)
Forte/Forte Koup(TD)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(UD)
Forte/Forte Koup(TD)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(2ND/REV
Forte/Forte Koup(TD)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD)

model	year	area	system	function	subfunction
Forte/Forte Koup(TD)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(RED)
Forte/Forte Koup(TD)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid
Forte/Forte Koup(TD)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Forte/Forte Koup(TD)	2010	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Forte/Forte Koup(TD)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Forte/Forte Koup(TD)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Forte/Forte Koup(TD)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Forte/Forte Koup(TD)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Forte/Forte Koup(TD)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Forte/Forte Koup(TD)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Forte/Forte Koup(TD)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Forte/Forte Koup(TD)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Forte/Forte Koup(TD)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Forte/Forte Koup(TD)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Forte/Forte Koup(TD)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
K900(KH)	2016	USA Area	ABS(Anti-Lock Brake System)	Version Information	
K900(KH)	2016	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
K900(KH)	2016	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
K900(KH)	2016	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
K900(KH)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
K900(KH)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
K900(KH)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Warning Lamp

model	year	area	system	function	subfunction
K900(KH)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Status Lamp
K900(KH)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
K900(KH)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
K900(KH)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
K900(KH)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
K900(KH)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
K900(KH)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
K900(KH)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
K900(KH)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
K900(KH)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
K900(KH)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
K900(KH)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
K900(KH)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
K900(KH)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
K900(KH)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
K900(KH)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
K900(KH)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
K900(KH)	2016	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
K900(KH)	2016	USA Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor
K900(KH)	2016	USA Area	ABS(Anti-Lock Brake System)	Special Function	SAS Calibration(CAN-ESP Only)
K900(KH)	2016	USA Area	AC(Air Conditioning)	Version	
K900(KH)	2016	USA Area	AC(Air Conditioning)	Read Fault Code	
K900(KH)	2016	USA Area	AC(Air Conditioning)	Clear Fault	

model	year	area	system	function	subfunction
K900(KH)	2016	USA Area	AC(Air Conditioning)	Read Data	
K900(KH)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
K900(KH)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
K900(KH)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
K900(KH)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
K900(KH)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
K900(KH)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
K900(KH)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
K900(KH)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
K900(KH)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
K900(KH)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
K900(KH)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
K900(KH)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
K900(KH)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
K900(KH)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
K900(KH)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
K900(KH)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Vent
K900(KH)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Floor
K900(KH)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defog
K900(KH)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
K900(KH)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
K900(KH)	2016	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
K900(KH)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-VENT-0%
K900(KH)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%

model	year	area	system	function	subfunction
K900(KH)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
K900(KH)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
K900(KH)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-TEMP-50%
K900(KH)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
K900(KH)	2016	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
K900(KH)	2016	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
K900(KH)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
K900(KH)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
K900(KH)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
K900(KH)	2016	USA Area	AFS(Adaptive Front Lighting System)	Version Information	
K900(KH)	2016	USA Area	AFS(Adaptive Front Lighting System)	Read Fault Code	
K900(KH)	2016	USA Area	AFS(Adaptive Front Lighting System)	Clear Fault Memory	
K900(KH)	2016	USA Area	AFS(Adaptive Front Lighting System)	Read Data Stream	
K900(KH)	2016	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
K900(KH)	2016	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	HLL(Head Lamp Leveling)Middle(Center)Position
K900(KH)	2016	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
K900(KH)	2016	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	DBL(Dynamic Bending Light)Max(RH)Position
K900(KH)	2016	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	DBL(Dynamic Bending Light)Middle Position-Center

model	year	area	system	function	subfunction
K900(KH)	2016	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	DBL(Dynamic Bending Light)Max(LH)Position
K900(KH)	2016	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	Full AFLS BPC Test Class C
K900(KH)	2016	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	Full AFLS BPC Test Class V
K900(KH)	2016	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	Full AFLS BPC Test Class E
K900(KH)	2016	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	Full AFLS BPC Test Class E1
K900(KH)	2016	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	Full AFLS BPC Test Class E2
K900(KH)	2016	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	Full AFLS BPC Test Class HIGH
K900(KH)	2016	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	Full AFLS BPC Test Class W
K900(KH)	2016	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	Full AFLS BPC Test LED OFF
K900(KH)	2016	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	SBL Function Test SBL LH ON
K900(KH)	2016	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	SBL Function Test SBL RH ON
K900(KH)	2016	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	SBL function Test SBL ON(ALL)
K900(KH)	2016	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	AFLS AIM'G Mode
K900(KH)	2016	USA Area	AFS(Adaptive Front Lighting System)	Special Function	Parameter Download
K900(KH)	2016	USA Area	AFS(Adaptive Front Lighting System)	Special Function	Calibration
K900(KH)	2016	USA Area	BCM(Body Control Module)	Version Information	
K900(KH)	2016	USA Area	BCM(Body Control Module)	Read Fault Code	
K900(KH)	2016	USA Area	BCM(Body Control Module)	Clear Fault Memory	
K900(KH)	2016	USA Area	BCM(Body Control Module)	Read Data Stream	
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Steering Column To The Highest Position(Tilt)

model	year	area	system	function	subfunction
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Steering Column To The Lowest Position(Tilt)
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Steering Column At The Shortest Position(Tele)
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Steering Column At The Longest Position(Tele)
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(Headrest

model	year	area	system	function	subfunction
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(Headrest
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Foremost Position(Cushion Extension)
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Last Position(Cushion Extension)
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Body Load Power Output
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp Output
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	ESS Relay
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Trunk Room Lamp Output
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Heated Relay
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window

model	year	area	system	function	subfunction
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window Up
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Highest Position
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Lowest Position
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Left Position
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Right Position
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Fold
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Unfold
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Drive Side Puddle Lamp
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Lock
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Side Repeater
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	BSD Indicator
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Courtesy Lamp
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Heater Control
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Window Auto Up
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Auto
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Up

model	year	area	system	function	subfunction
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Down
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window Up
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Highest Position
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Lowest Position
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Left Position
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Right Position
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Fold
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Unfold
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Side Puddle Lamp
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Door Lock
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Door Unlock
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Side Repeater
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Courtesy Lamp
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Heater Control
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Auto Up
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Auto

model	year	area	system	function	subfunction
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Up
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Down
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Security LED Output
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output

model	year	area	system	function	subfunction
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay

model	year	area	system	function	subfunction
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output

model	year	area	system	function	subfunction
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	IOD Relay
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination
K900(KH)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
K900(KH)	2016	USA Area	BCM(Body Control Module)	Special Function	CLU Variant Coding
K900(KH)	2016	USA Area	BCM(Body Control Module)	Special Function	Seat Limit Position Setting
K900(KH)	2016	USA Area	CCS(Cruise Control System)	Version Information	
K900(KH)	2016	USA Area	CCS(Cruise Control System)	Read Fault Code	
K900(KH)	2016	USA Area	CCS(Cruise Control System)	Clear Fault Memory	
K900(KH)	2016	USA Area	CCS(Cruise Control System)	Read Data Stream	
K900(KH)	2016	USA Area	CCS(Cruise Control System)	Special Function	Radar Sensor Alignment(SCC/AEB)

model	year	area	system	function	subfunction
K900(KH)	2016	USA Area	CCS(Cruise Control System)	Special Function	Variant Coding
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Version Information	
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Read Fault Code	
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Read Data Stream	
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-High
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-Low
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	TEC Learn
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2

model	year	area	system	function	subfunction
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Type VIS 2
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 1
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 2
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 3
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 4
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 5
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 6
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	GDI High Pressure Pump Spill Valve Test
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump

model	year	area	system	function	subfunction
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters

model	year	area	system	function	subfunction
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)

model	year	area	system	function	subfunction
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
K900(KH)	2016	USA Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
K900(KH)	2016	USA Area	EHPS(Electronic Hydraulic Power Steering System)	Version Information	
K900(KH)	2016	USA Area	EHPS(Electronic Hydraulic Power Steering System)	Read Fault Code	
K900(KH)	2016	USA Area	EHPS(Electronic Hydraulic Power Steering System)	Clear Fault Memory	
K900(KH)	2016	USA Area	EHPS(Electronic Hydraulic Power Steering System)	Read Data Stream	
K900(KH)	2016	USA Area	EHPS(Electronic Hydraulic Power Steering System)	Actuation Test	Motor
K900(KH)	2016	USA Area	EHPS(Electronic Hydraulic Power Steering System)	Special Function	EPS Type Recognition
K900(KH)	2016	USA Area	E-Shifter	Version	

model	year	area	system	function	subfunction
K900(KH)	2016	USA Area	E-Shifter	Read Fault Code	
K900(KH)	2016	USA Area	E-Shifter	Clear Fault	
K900(KH)	2016	USA Area	E-Shifter	Read Data	
K900(KH)	2016	USA Area	E-Shifter	Actuation Test	Park Release Actuator-N
K900(KH)	2016	USA Area	E-Shifter	Actuation Test	Return Actuator
K900(KH)	2016	USA Area	E-Shifter	Actuation Test	Shift Lock Solenoid 4(M
K900(KH)	2016	USA Area	LDWS(Lane Departure Warning System)	Version Information	
K900(KH)	2016	USA Area	LDWS(Lane Departure Warning System)	Read Fault Code	
K900(KH)	2016	USA Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
K900(KH)	2016	USA Area	LDWS(Lane Departure Warning System)	Read Data Stream	
K900(KH)	2016	USA Area	LDWS(Lane Departure Warning System)	Actuation Test	Activation Switch LED
K900(KH)	2016	USA Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Left
K900(KH)	2016	USA Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Right
K900(KH)	2016	USA Area	LDWS(Lane Departure Warning System)	Actuation Test	ALL LEDs
K900(KH)	2016	USA Area	LDWS(Lane Departure Warning System)	Special Function	SPTAC Calibration
K900(KH)	2016	USA Area	LDWS(Lane Departure Warning System)	Special Function	SPC Calibration
K900(KH)	2016	USA Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Warning Actuation Test
K900(KH)	2016	USA Area	LDWS(Lane Departure Warning System)	Special Function	LKAS/LDWS Variant Coding
K900(KH)	2016	USA Area	LDWS(Lane Departure Warning System)	Special Function	BSD Radar Calibration
K900(KH)	2016	USA Area	LDWS(Lane Departure Warning System)	Special Function	BSD Variant Coding
K900(KH)	2016	USA Area	LDWS(Lane Departure Warning System)	Special Function	BSD Variant Code Reading
K900(KH)	2016	USA Area	PSB(Pre-safe Seat	Version	
K900(KH)	2016	USA Area	PSB(Pre-safe Seat	Read Fault Code	
K900(KH)	2016	USA Area	PSB(Pre-safe Seat	Clear Fault	
K900(KH)	2016	USA Area	PSB(Pre-safe Seat	Read Data	
K900(KH)	2016	USA Area	PSB(Pre-safe Seat	Actuation Test	Warning
K900(KH)	2016	USA Area	PSB(Pre-safe Seat	Special Function	PSB Motor Test
K900(KH)	2016	USA Area	PSB(Pre-safe Seat	Special Function	PSB Variant
K900(KH)	2016	USA Area	Smart Key Unit	Version	

model	year	area	system	function	subfunction
K900(KH)	2016	USA Area	Smart Key Unit	Read Fault Code	
K900(KH)	2016	USA Area	Smart Key Unit	Clear Fault	
K900(KH)	2016	USA Area	Smart Key Unit	Read Data	
K900(KH)	2016	USA Area	Smart Key Unit	Actuation Test	SSB Illumination
K900(KH)	2016	USA Area	Smart Key Unit	Actuation Test	SSB LED Amber
K900(KH)	2016	USA Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
K900(KH)	2016	USA Area	Smart Key Unit	Actuation Test	SSB LED White
K900(KH)	2016	USA Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
K900(KH)	2016	USA Area	Smart Key Unit	Actuation Test	ESCL Ground Output
K900(KH)	2016	USA Area	Smart Key Unit	Actuation Test	ESCL Battery Output
K900(KH)	2016	USA Area	Smart Key Unit	Actuation Test	ACC Relay
K900(KH)	2016	USA Area	Smart Key Unit	Actuation Test	IGN1 Relay
K900(KH)	2016	USA Area	Smart Key Unit	Actuation Test	IGN2 Relay
K900(KH)	2016	USA Area	Smart Key Unit	Actuation Test	Starter Relay
K900(KH)	2016	USA Area	Smart Key Unit	Actuation Test	External Buzzer
K900(KH)	2016	USA Area	Smart Key Unit	Actuation Test	Key Out Indicator
K900(KH)	2016	USA Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
K900(KH)	2016	USA Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
K900(KH)	2016	USA Area	Smart Key Unit	Actuation Test	SSB LED OFF
K900(KH)	2016	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
K900(KH)	2016	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
K900(KH)	2016	USA Area	Smart Key Unit	Actuation Test	Trunk Antenna
K900(KH)	2016	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
K900(KH)	2016	USA Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
K900(KH)	2016	USA Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
K900(KH)	2016	USA Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
K900(KH)	2016	USA Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
K900(KH)	2016	USA Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
K900(KH)	2016	USA Area	Smart Key Unit	Special Function	Smart Key Code Saving
K900(KH)	2016	USA Area	Smart Key Unit	Special Function	Neutralization Mode
K900(KH)	2016	USA Area	Smart Key Unit	Special Function	SMK Status Information
K900(KH)	2016	USA Area	Smart Key Unit	Special Function	FOB KEY Status Information

model	year	area	system	function	subfunction
K900(KH)	2016	USA Area	Smart Key Unit	Special Function	Current FOB Key Check
K900(KH)	2016	USA Area	Smart Key Unit	Special Function	Antenna Status Check
K900(KH)	2016	USA Area	Smart Key Unit	Special Function	Serial Communication Line Check
K900(KH)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
K900(KH)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
K900(KH)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
K900(KH)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
K900(KH)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
K900(KH)	2016	USA Area	SVMS(Surround View Monitor System)	Version Information	
K900(KH)	2016	USA Area	SVMS(Surround View Monitor System)	Read Fault Code	
K900(KH)	2016	USA Area	SVMS(Surround View Monitor System)	Clear Fault Memory	
K900(KH)	2016	USA Area	SVMS(Surround View Monitor System)	Read Data Stream	
K900(KH)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-SVM View
K900(KH)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Front-SVM View
K900(KH)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Left View
K900(KH)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Left View
K900(KH)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Right View
K900(KH)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Right View
K900(KH)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Wide View
K900(KH)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Wide View

model	year	area	system	function	subfunction
K900(KH)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 25%
K900(KH)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 100%
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Version Information	
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Read Fault Code	
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Read Data Stream	
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/C)
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(4&OD/C)
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(27/B)
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(6/C)
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(8LR/B)
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid B
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid C
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid D
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid E
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	LR(L,R_B)Solenoid

model	year	area	system	function	subfunction
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	UD(L_C)Solenoid
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	2ND(2-4_B)Solenoid
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	OD(H_C)Solenoid
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Gear Lamp
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear Lamp
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear Lamp
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Gear Lamp
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Gear Lamp
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	6th Gear Lamp
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	7th Gear Lamp
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	8th Gear Lamp
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Hold Lamp
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Main Relay
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid A(Drive)
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid B(Reverse)(SBW)
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid(SBC)
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid A(Parking)
K900(KH)	2016	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
K900(KH)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
K900(KH)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
K900(KH)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	

model	year	area	system	function	subfunction
K900(KH)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
K900(KH)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
K900(KH)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
K900(KH)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
K900(KH)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
K900(KH)	2015	USA Area	ABS(Anti-Lock Brake System)	Version Information	
K900(KH)	2015	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
K900(KH)	2015	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
K900(KH)	2015	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
K900(KH)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
K900(KH)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
K900(KH)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Warning Lamp
K900(KH)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Status Lamp
K900(KH)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
K900(KH)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
K900(KH)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
K900(KH)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
K900(KH)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
K900(KH)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
K900(KH)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
K900(KH)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
K900(KH)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
K900(KH)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front

model	year	area	system	function	subfunction
K900(KH)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
K900(KH)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
K900(KH)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
K900(KH)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
K900(KH)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
K900(KH)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
K900(KH)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
K900(KH)	2015	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
K900(KH)	2015	USA Area	ABS(Anti-Lock Brake System)	Special Function	SAS Calibration(CAN-ESP Only)
K900(KH)	2015	USA Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
K900(KH)	2015	USA Area	AC(Air Conditioning)	Version	
K900(KH)	2015	USA Area	AC(Air Conditioning)	Read Fault Code	
K900(KH)	2015	USA Area	AC(Air Conditioning)	Clear Fault	
K900(KH)	2015	USA Area	AC(Air Conditioning)	Read Data	
K900(KH)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
K900(KH)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
K900(KH)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
K900(KH)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
K900(KH)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
K900(KH)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
K900(KH)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
K900(KH)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
K900(KH)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%

model	year	area	system	function	subfunction
K900(KH)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
K900(KH)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
K900(KH)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
K900(KH)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
K900(KH)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
K900(KH)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
K900(KH)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Vent
K900(KH)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Floor
K900(KH)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defog
K900(KH)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
K900(KH)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
K900(KH)	2015	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
K900(KH)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-VENT-0%
K900(KH)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
K900(KH)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
K900(KH)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
K900(KH)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-TEMP-50%
K900(KH)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
K900(KH)	2015	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
K900(KH)	2015	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
K900(KH)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
K900(KH)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%

model	year	area	system	function	subfunction
K900(KH)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
K900(KH)	2015	USA Area	AFS(Adaptive Front Lighting System)	Version Information	
K900(KH)	2015	USA Area	AFS(Adaptive Front Lighting System)	Read Fault Code	
K900(KH)	2015	USA Area	AFS(Adaptive Front Lighting System)	Clear Fault Memory	
K900(KH)	2015	USA Area	AFS(Adaptive Front Lighting System)	Read Data Stream	
K900(KH)	2015	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
K900(KH)	2015	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	HLL(Head Lamp Leveling)Middle(Center)Position
K900(KH)	2015	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
K900(KH)	2015	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	DBL(Dynamic Bending Light)Max(RH)Position
K900(KH)	2015	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	DBL(Dynamic Bending Light)Middle Position-Center
K900(KH)	2015	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	DBL(Dynamic Bending Light)Max(LH)Position
K900(KH)	2015	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	Full AFLS BPC Test Class C
K900(KH)	2015	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	Full AFLS BPC Test Class V
K900(KH)	2015	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	Full AFLS BPC Test Class E
K900(KH)	2015	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	Full AFLS BPC Test Class E1
K900(KH)	2015	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	Full AFLS BPC Test Class E2
K900(KH)	2015	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	Full AFLS BPC Test Class HIGH
K900(KH)	2015	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	Full AFLS BPC Test Class W

model	year	area	system	function	subfunction
K900(KH)	2015	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	Full AFLS BPC Test LED OFF
K900(KH)	2015	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	SBL Function Test SBL LH ON
K900(KH)	2015	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	SBL Function Test SBL RH ON
K900(KH)	2015	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	SBL function Test SBL ON(ALL)
K900(KH)	2015	USA Area	AFS(Adaptive Front Lighting System)	Actuation Test	AFLS AIM'G Mode
K900(KH)	2015	USA Area	AFS(Adaptive Front Lighting System)	Special Function	Parameter Download
K900(KH)	2015	USA Area	AFS(Adaptive Front Lighting System)	Special Function	Calibration
K900(KH)	2015	USA Area	BCM(Body Control Module)	Version Information	
K900(KH)	2015	USA Area	BCM(Body Control Module)	Read Fault Code	
K900(KH)	2015	USA Area	BCM(Body Control Module)	Clear Fault Memory	
K900(KH)	2015	USA Area	BCM(Body Control Module)	Read Data Stream	
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move Steering Column To The Highest Position(Tilt)
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move Steering Column To The Lowest Position(Tilt)
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move Steering Column At The Shortest Position(Tele)
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move Steering Column At The Longest Position(Tele)
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)

model	year	area	system	function	subfunction
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(Headrest
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(Headrest
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Foremost Position(Cushion Extension)
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Last Position(Cushion Extension)
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Body Load Power Output
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output

model	year	area	system	function	subfunction
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp Output
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	ESS Relay
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Trunk Room Lamp Output
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Heated Relay
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window Up
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Highest Position
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Lowest Position
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Left Position
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Right Position
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Fold

model	year	area	system	function	subfunction
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Unfold
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Drive Side Puddle Lamp
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Lock
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Driver Side Repeater
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	BSD Indicator
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Driver Courtesy Lamp
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Driver Heater Control
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Window Auto Up
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Auto
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Up
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Down
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window Up
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Highest Position
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Lowest Position
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Left Position

model	year	area	system	function	subfunction
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Right Position
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Fold
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Unfold
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Side Puddle Lamp
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Door Lock
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Door Unlock
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Side Repeater
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Courtesy Lamp
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Heater Control
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Auto Up
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Auto
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Up
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Down
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Security LED Output
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay

model	year	area	system	function	subfunction
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)

model	year	area	system	function	subfunction
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator

model	year	area	system	function	subfunction
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	IOD Relay
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator

model	year	area	system	function	subfunction
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination
K900(KH)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
K900(KH)	2015	USA Area	BCM(Body Control Module)	Special Function	CLU Variant Coding
K900(KH)	2015	USA Area	CCS(Cruise Control System)	Version Information	
K900(KH)	2015	USA Area	CCS(Cruise Control System)	Read Fault Code	
K900(KH)	2015	USA Area	CCS(Cruise Control System)	Clear Fault Memory	
K900(KH)	2015	USA Area	CCS(Cruise Control System)	Read Data Stream	
K900(KH)	2015	USA Area	CCS(Cruise Control System)	Special Function	SCC Alignment(Calibration)
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Version Information	
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Read Fault Code	
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Read Data Stream	
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)

model	year	area	system	function	subfunction
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-High
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-Low
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7

model	year	area	system	function	subfunction
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	TEC Learn
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Type VIS 2
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 1
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 2
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 3
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 4
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 5
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 6
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	GDI High Pressure Pump Spill Valve Test
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main

model	year	area	system	function	subfunction
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)

model	year	area	system	function	subfunction
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Adaptation Value(FFV)
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1

model	year	area	system	function	subfunction
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting

model	year	area	system	function	subfunction
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
K900(KH)	2015	USA Area	ECM(Engine Control Module)	Special Function	ISG Test(Option)
K900(KH)	2015	USA Area	EHPS(Electronic Hydraulic Power Steering System)	Version Information	
K900(KH)	2015	USA Area	EHPS(Electronic Hydraulic Power Steering System)	Read Fault Code	
K900(KH)	2015	USA Area	EHPS(Electronic Hydraulic Power Steering System)	Clear Fault Memory	
K900(KH)	2015	USA Area	EHPS(Electronic Hydraulic Power Steering System)	Read Data Stream	
K900(KH)	2015	USA Area	EHPS(Electronic Hydraulic Power Steering System)	Actuation Test	Motor
K900(KH)	2015	USA Area	EHPS(Electronic Hydraulic Power Steering System)	Special Function	EPS Type Recognition
K900(KH)	2015	USA Area	E-Shifter	Version	
K900(KH)	2015	USA Area	E-Shifter	Read Fault Code	
K900(KH)	2015	USA Area	E-Shifter	Clear Fault	
K900(KH)	2015	USA Area	E-Shifter	Read Data	
K900(KH)	2015	USA Area	E-Shifter	Actuation Test	Park Release Actuator-N
K900(KH)	2015	USA Area	E-Shifter	Actuation Test	Return Actuator
K900(KH)	2015	USA Area	E-Shifter	Actuation Test	Shift Lock Solenoid 4(M
K900(KH)	2015	USA Area	LDWS(Lane Departure Warning System)	Version Information	
K900(KH)	2015	USA Area	LDWS(Lane Departure Warning System)	Read Fault Code	
K900(KH)	2015	USA Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
K900(KH)	2015	USA Area	LDWS(Lane Departure Warning System)	Read Data Stream	
K900(KH)	2015	USA Area	LDWS(Lane Departure Warning System)	Actuation Test	Activation Switch LED
K900(KH)	2015	USA Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Left
K900(KH)	2015	USA Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Right

model	year	area	system	function	subfunction
K900(KH)	2015	USA Area	LDWS(Lane Departure Warning System)	Actuation Test	ALL LEDs
K900(KH)	2015	USA Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Region Coding
K900(KH)	2015	USA Area	LDWS(Lane Departure Warning System)	Special Function	LDWS Reference Point Calibration
K900(KH)	2015	USA Area	LDWS(Lane Departure Warning System)	Special Function	BSD Radar Calibration
K900(KH)	2015	USA Area	LDWS(Lane Departure Warning System)	Special Function	BSD Variant Coding
K900(KH)	2015	USA Area	LDWS(Lane Departure Warning System)	Special Function	BSD Variant Code Reading
K900(KH)	2015	USA Area	PSB(Pre-safe Seat	Version	
K900(KH)	2015	USA Area	PSB(Pre-safe Seat	Read Fault Code	
K900(KH)	2015	USA Area	PSB(Pre-safe Seat	Clear Fault	
K900(KH)	2015	USA Area	PSB(Pre-safe Seat	Read Data	
K900(KH)	2015	USA Area	PSB(Pre-safe Seat	Actuation Test	Warning
K900(KH)	2015	USA Area	PSB(Pre-safe Seat	Special Function	PSB Motor Test
K900(KH)	2015	USA Area	PSB(Pre-safe Seat	Special Function	PSB Variant
K900(KH)	2015	USA Area	Smart Key Unit	Version	
K900(KH)	2015	USA Area	Smart Key Unit	Read Fault Code	
K900(KH)	2015	USA Area	Smart Key Unit	Clear Fault	
K900(KH)	2015	USA Area	Smart Key Unit	Read Data	
K900(KH)	2015	USA Area	Smart Key Unit	Actuation Test	SSB Illumination
K900(KH)	2015	USA Area	Smart Key Unit	Actuation Test	SSB LED Amber
K900(KH)	2015	USA Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
K900(KH)	2015	USA Area	Smart Key Unit	Actuation Test	SSB LED White
K900(KH)	2015	USA Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
K900(KH)	2015	USA Area	Smart Key Unit	Actuation Test	ESCL Ground Output
K900(KH)	2015	USA Area	Smart Key Unit	Actuation Test	ESCL Battery Output
K900(KH)	2015	USA Area	Smart Key Unit	Actuation Test	ACC Relay
K900(KH)	2015	USA Area	Smart Key Unit	Actuation Test	IGN1 Relay
K900(KH)	2015	USA Area	Smart Key Unit	Actuation Test	IGN2 Relay
K900(KH)	2015	USA Area	Smart Key Unit	Actuation Test	Starter Relay
K900(KH)	2015	USA Area	Smart Key Unit	Actuation Test	External Buzzer
K900(KH)	2015	USA Area	Smart Key Unit	Actuation Test	Key Out Indicator
K900(KH)	2015	USA Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
K900(KH)	2015	USA Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
K900(KH)	2015	USA Area	Smart Key Unit	Actuation Test	SSB LED OFF
K900(KH)	2015	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
K900(KH)	2015	USA Area	Smart Key Unit	Actuation Test	Interior Antenna

model	year	area	system	function	subfunction
K900(KH)	2015	USA Area	Smart Key Unit	Actuation Test	Trunk Antenna
K900(KH)	2015	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
K900(KH)	2015	USA Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
K900(KH)	2015	USA Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
K900(KH)	2015	USA Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
K900(KH)	2015	USA Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
K900(KH)	2015	USA Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
K900(KH)	2015	USA Area	Smart Key Unit	Special Function	Smart Key Code Saving
K900(KH)	2015	USA Area	Smart Key Unit	Special Function	Neutralization Mode
K900(KH)	2015	USA Area	Smart Key Unit	Special Function	SMK Status Information
K900(KH)	2015	USA Area	Smart Key Unit	Special Function	FOB KEY Status Information
K900(KH)	2015	USA Area	Smart Key Unit	Special Function	Current FOB Key Check
K900(KH)	2015	USA Area	Smart Key Unit	Special Function	Serial Communication Line Check
K900(KH)	2015	USA Area	Smart Key Unit	Special Function	Antenna Status Check
K900(KH)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
K900(KH)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
K900(KH)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
K900(KH)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
K900(KH)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
K900(KH)	2015	USA Area	SVMS(Surround View Monitor System)	Version Information	
K900(KH)	2015	USA Area	SVMS(Surround View Monitor System)	Read Fault Code	

model	year	area	system	function	subfunction
K900(KH)	2015	USA Area	SVMS(Surround View Monitor System)	Clear Fault Memory	
K900(KH)	2015	USA Area	SVMS(Surround View Monitor System)	Read Data Stream	
K900(KH)	2015	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-SVM View
K900(KH)	2015	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Front-SVM View
K900(KH)	2015	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Left View
K900(KH)	2015	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Left View
K900(KH)	2015	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Right View
K900(KH)	2015	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Right View
K900(KH)	2015	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Wide View
K900(KH)	2015	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Wide View
K900(KH)	2015	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 25%
K900(KH)	2015	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 100%
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Version Information	
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Read Fault Code	
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Read Data Stream	
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/C)
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(4&OD/C)
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(27/B)
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)

model	year	area	system	function	subfunction
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(6/C)
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(8LR/B)
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid B
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid C
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid D
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid E
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	LR(L,R_B)Solenoid
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	UD(L_C)Solenoid
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	2ND(2-4_B)Solenoid
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	OD(H_C)Solenoid
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Gear Lamp
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear Lamp
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear Lamp
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Gear Lamp
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Gear Lamp
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	6th Gear Lamp
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	7th Gear Lamp
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	8th Gear Lamp

model	year	area	system	function	subfunction
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Hold Lamp
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Main Relay
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid A(Drive)
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid B(Reverse)(SBW)
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid(SBC)
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	ON/OFF Solenoid A(Parking)
K900(KH)	2015	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
K900(KH)	2015	USA Area	Telematics Unit	Version	
K900(KH)	2015	USA Area	Telematics Unit	Read Fault Code	
K900(KH)	2015	USA Area	Telematics Unit	Clear Fault	
K900(KH)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
K900(KH)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
K900(KH)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
K900(KH)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
K900(KH)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
K900(KH)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
K900(KH)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
K900(KH)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Optima Hybrid(TF HEV)	2015	USA Area	AAF(Active Air Flap)	Version Information	
Optima Hybrid(TF HEV)	2015	USA Area	AAF(Active Air Flap)	Read Fault Code	
Optima Hybrid(TF HEV)	2015	USA Area	AAF(Active Air Flap)	Clear Fault Memory	

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2015	USA Area	AAF(Active Air Flap)	Read Data Stream	
Optima Hybrid(TF HEV)	2015	USA Area	AAF(Active Air Flap)	Actuation Test	Manually Active Air Flap Open
Optima Hybrid(TF HEV)	2015	USA Area	AAF(Active Air Flap)	Actuation Test	Manually Active Air Flap Close
Optima Hybrid(TF HEV)	2015	USA Area	AAF(Active Air Flap)	Actuation Test	Active Air Flap Test
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	In-Line mode-Apply/Release
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Release Valve #2

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Release Valve #1
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Apply Valve #1
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Apply Valve #2
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Cut Valve #1
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Cut Valve #2
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Simulator Valve #2
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Special Function	PAD Change Mode(Before Change)
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Special Function	PAD Change Mode(After Change)
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Special Function	SAS Calibration(CAN-ESP Only)
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Special Function	Pressure Sensor Calibration
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Special Function	Pedal Travel Sensor(PTS)Calibration
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Special Function	Fluid Circulation Mode

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Special Function	High Pressure Release Mode
Optima Hybrid(TF HEV)	2015	USA Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Optima Hybrid(TF HEV)	2015	USA Area	AC(Air Conditioning)	Version Information	
Optima Hybrid(TF HEV)	2015	USA Area	AC(Air Conditioning)	Read Fault Code	
Optima Hybrid(TF HEV)	2015	USA Area	AC(Air Conditioning)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2015	USA Area	AC(Air Conditioning)	Read Data Stream	
Optima Hybrid(TF HEV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Optima Hybrid(TF HEV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Optima Hybrid(TF HEV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Optima Hybrid(TF HEV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Optima Hybrid(TF HEV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Optima Hybrid(TF HEV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Optima Hybrid(TF HEV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Optima Hybrid(TF HEV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Optima Hybrid(TF HEV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Optima Hybrid(TF HEV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Optima Hybrid(TF HEV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Optima Hybrid(TF HEV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-1Step
Optima Hybrid(TF HEV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-2Step
Optima Hybrid(TF HEV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-3Step
Optima Hybrid(TF HEV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-4Step
Optima Hybrid(TF HEV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-5Step
Optima Hybrid(TF HEV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-6Step
Optima Hybrid(TF HEV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-7Step
Optima Hybrid(TF HEV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-8Step
Optima Hybrid(TF HEV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	E-Comp-On
Optima Hybrid(TF HEV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	E-Comp-Off
Optima Hybrid(TF HEV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Optima Hybrid(TF HEV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Def Door-Close

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Optima Hybrid(TF HEV)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Optima Hybrid(TF HEV)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Optima Hybrid(TF HEV)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Optima Hybrid(TF HEV)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Optima Hybrid(TF HEV)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL normal position
Optima Hybrid(TF HEV)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Optima Hybrid(TF HEV)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Setting&Zero position Initial
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Version Information	
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Read Fault Code	
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Read Data Stream	
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Cruise Indicator
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Seatbelt Indicator

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Door open indicator
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Starter Inhibit Relay
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Turn Left Signal
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Turn Right Signal
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Foot Lamp
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Relay
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid(Automatic Transmission)
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Outside Mirror Fold Relay
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Outside Mirror Unfold Relay
Optima Hybrid(TF HEV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	PAS Switch ON Indicator
Optima Hybrid(TF HEV)	2015	USA Area	BSD(Blind Spot Detection)	Version Information	
Optima Hybrid(TF HEV)	2015	USA Area	BSD(Blind Spot Detection)	Read Fault Code	
Optima Hybrid(TF HEV)	2015	USA Area	BSD(Blind Spot Detection)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2015	USA Area	BSD(Blind Spot Detection)	Read Data Stream	
Optima Hybrid(TF HEV)	2015	USA Area	BSD(Blind Spot Detection)	Actuation Test	Activation Switch LED
Optima Hybrid(TF HEV)	2015	USA Area	BSD(Blind Spot Detection)	Actuation Test	Mirror LED Left
Optima Hybrid(TF HEV)	2015	USA Area	BSD(Blind Spot Detection)	Actuation Test	Mirror LED Right

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2015	USA Area	BSD(Blind Spot Detection)	Actuation Test	ALL LEDs
Optima Hybrid(TF HEV)	2015	USA Area	BSD(Blind Spot Detection)	Special Function	BSD Radar Calibration
Optima Hybrid(TF HEV)	2015	USA Area	BSD(Blind Spot Detection)	Special Function	BSD Variant Coding
Optima Hybrid(TF HEV)	2015	USA Area	BSD(Blind Spot Detection)	Special Function	BSD Variant Code Reading
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Version Information	
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Read Fault Code	
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Read Data Stream	
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2 Only)
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G ROOM)(LPI)
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator Lamp(LPI)
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High Speed
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low Speed
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#1
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#2
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#3
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#4

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Waste Gate Valve(Turbo Only)
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Option)
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible fuel
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Special Function	CVVT Test
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Optima Hybrid(TF HEV)	2015	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Optima Hybrid(TF HEV)	2015	USA Area	HEV Battery System	Version Information	
Optima Hybrid(TF HEV)	2015	USA Area	HEV Battery System	Read Fault Code	
Optima Hybrid(TF HEV)	2015	USA Area	HEV Battery System	Clear Fault Memory	

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2015	USA Area	HEV Battery System	Read Data Stream	
Optima Hybrid(TF HEV)	2015	USA Area	HEV Battery System	Actuation Test	FAN 1st
Optima Hybrid(TF HEV)	2015	USA Area	HEV Battery System	Actuation Test	FAN 2nd
Optima Hybrid(TF HEV)	2015	USA Area	HEV Battery System	Actuation Test	FAN 3rd
Optima Hybrid(TF HEV)	2015	USA Area	HEV Battery System	Actuation Test	FAN 4th
Optima Hybrid(TF HEV)	2015	USA Area	HEV Battery System	Actuation Test	FAN 5th
Optima Hybrid(TF HEV)	2015	USA Area	HEV Battery System	Actuation Test	FAN 6th
Optima Hybrid(TF HEV)	2015	USA Area	HEV Battery System	Actuation Test	FAN 7th
Optima Hybrid(TF HEV)	2015	USA Area	HEV Battery System	Actuation Test	FAN 8th
Optima Hybrid(TF HEV)	2015	USA Area	HEV Battery System	Actuation Test	FAN 9th
Optima Hybrid(TF HEV)	2015	USA Area	HEV Battery System	Actuation Test	FAN Stop
Optima Hybrid(TF HEV)	2015	USA Area	HEV Battery System	Actuation Test	Main Relay(-)ON
Optima Hybrid(TF HEV)	2015	USA Area	HEV Battery System	Actuation Test	Precharge Relay ON
Optima Hybrid(TF HEV)	2015	USA Area	HEV Battery System	Actuation Test	Main Relay(-),Precharge Relay ON simultaneous
Optima Hybrid(TF HEV)	2015	USA Area	HEV Battery System	Actuation Test	Main Relay(-),Main Relay(+)ON

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2015	USA Area	HEV Battery System	Actuation Test	Main Relay(-)(+),Precharge Relay OFF simultaneous
Optima Hybrid(TF HEV)	2015	USA Area	HEV Battery System	Special Function	Battery Inspection
Optima Hybrid(TF HEV)	2015	USA Area	HEV Control System	Version Information	
Optima Hybrid(TF HEV)	2015	USA Area	HEV Control System	Read Fault Code	
Optima Hybrid(TF HEV)	2015	USA Area	HEV Control System	Clear Fault Memory	
Optima Hybrid(TF HEV)	2015	USA Area	HEV Control System	Read Data Stream	
Optima Hybrid(TF HEV)	2015	USA Area	HEV Control System	Special Function	E/C Fluid Pressure Cal.
Optima Hybrid(TF HEV)	2015	USA Area	HEV Control System	Special Function	Engine Test On
Optima Hybrid(TF HEV)	2015	USA Area	HEV Control System	Special Function	Engine Test Off
Optima Hybrid(TF HEV)	2015	USA Area	HEV Control System	Special Function	LDC Activation Test
Optima Hybrid(TF HEV)	2015	USA Area	HEV Motor System	Version Information	
Optima Hybrid(TF HEV)	2015	USA Area	HEV Motor System	Read Fault Code	
Optima Hybrid(TF HEV)	2015	USA Area	HEV Motor System	Clear Fault Memory	
Optima Hybrid(TF HEV)	2015	USA Area	HEV Motor System	Read Data Stream	

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2015	USA Area	HEV Motor System	Actuation Test	Motor Speed Control Operation
Optima Hybrid(TF HEV)	2015	USA Area	HEV Motor System	Actuation Test	Motor Torque Control Operation
Optima Hybrid(TF HEV)	2015	USA Area	HEV Motor System	Special Function	Motor HSG Resolver Calibration
Optima Hybrid(TF HEV)	2015	USA Area	HEV Motor System	Special Function	Electric Water Pump Control
Optima Hybrid(TF HEV)	2015	USA Area	Low DC/DC Converter	Version Information	
Optima Hybrid(TF HEV)	2015	USA Area	Low DC/DC Converter	Read Fault Code	
Optima Hybrid(TF HEV)	2015	USA Area	Low DC/DC Converter	Clear Fault Memory	
Optima Hybrid(TF HEV)	2015	USA Area	Low DC/DC Converter	Read Data Stream	
Optima Hybrid(TF HEV)	2015	USA Area	MDPS(Motor Driven Power Steering)	Version Information	
Optima Hybrid(TF HEV)	2015	USA Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Optima Hybrid(TF HEV)	2015	USA Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2015	USA Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Optima Hybrid(TF HEV)	2015	USA Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Optima Hybrid(TF HEV)	2015	USA Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Version Information	

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Read Fault Code	
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Clear Fault Memory	
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Read Data Stream	
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Actuation Test	SSB Illumination
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Actuation Test	SSB LED Amber
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Actuation Test	SSB LED White
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Actuation Test	ACC Relay
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Actuation Test	IGN1 Relay
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Actuation Test	IGN2 Relay
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Actuation Test	Starter Relay
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Actuation Test	External Buzzer

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Actuation Test	Key Out Indicator
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Actuation Test	SSB LED OFF
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Actuation Test	Interior Antenna 1
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Actuation Test	Interior Antenna 2
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Actuation Test	Trunk Antenna
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Actuation Test	Interior Antenna 3
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Special Function	Smart Key Code Saving
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Special Function	Neutralization Mode

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Special Function	SMK Status Information
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Special Function	FOB KEY Status Information
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Special Function	Current FOB Key Check
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Special Function	Antenna Status Check
Optima Hybrid(TF HEV)	2015	USA Area	Smart Key Unit	Special Function	Serial Communication Line Check
Optima Hybrid(TF HEV)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima Hybrid(TF HEV)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima Hybrid(TF HEV)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima Hybrid(TF HEV)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Optima Hybrid(TF HEV)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
Optima Hybrid(TF HEV)	2015	USA Area	TCM(Transmission Control Module)	Version Information	
Optima Hybrid(TF HEV)	2015	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Optima Hybrid(TF HEV)	2015	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2015	USA Area	TCM(Transmission Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Optima Hybrid(TF HEV)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Optima Hybrid(TF HEV)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Optima Hybrid(TF HEV)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Optima Hybrid(TF HEV)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Optima Hybrid(TF HEV)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Optima Hybrid(TF HEV)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
Optima Hybrid(TF HEV)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Gear Lamp
Optima Hybrid(TF HEV)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear Lamp
Optima Hybrid(TF HEV)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear Lamp
Optima Hybrid(TF HEV)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Gear Lamp
Optima Hybrid(TF HEV)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Gear Lamp
Optima Hybrid(TF HEV)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	6th Gear Lamp
Optima Hybrid(TF HEV)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Engine Clutch Solenoid
Optima Hybrid(TF HEV)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Electric Oil Pump

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2015	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Optima Hybrid(TF HEV)	2015	USA Area	Telematics Unit	Version Information	
Optima Hybrid(TF HEV)	2015	USA Area	Telematics Unit	Read Fault Code	
Optima Hybrid(TF HEV)	2015	USA Area	Telematics Unit	Clear Fault Memory	
Optima Hybrid(TF HEV)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Optima Hybrid(TF HEV)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Optima Hybrid(TF HEV)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Optima Hybrid(TF HEV)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Optima Hybrid(TF HEV)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Optima Hybrid(TF HEV)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Optima Hybrid(TF HEV)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Optima Hybrid(TF HEV)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Optima Hybrid(TF HEV)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Optima Hybrid(TF HEV)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Optima Hybrid(TF HEV)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Optima Hybrid(TF HEV)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Optima Hybrid(TF HEV)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Optima Hybrid(TF HEV)	2014	USA Area	AAF(Active Air Flap)	Version Information	
Optima Hybrid(TF HEV)	2014	USA Area	AAF(Active Air Flap)	Read Fault Code	
Optima Hybrid(TF HEV)	2014	USA Area	AAF(Active Air Flap)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2014	USA Area	AAF(Active Air Flap)	Read Data Stream	
Optima Hybrid(TF HEV)	2014	USA Area	AAF(Active Air Flap)	Actuation Test	Manually Active Air Flap Open
Optima Hybrid(TF HEV)	2014	USA Area	AAF(Active Air Flap)	Actuation Test	Manually Active Air Flap Close
Optima Hybrid(TF HEV)	2014	USA Area	AAF(Active Air Flap)	Actuation Test	Active Air Flap Test
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	In-Line mode-Apply/Release
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Release Valve #2
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Release Valve #1
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Apply Valve #1
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Apply Valve #2
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Cut Valve #1
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Cut Valve #2
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Simulator Valve #2
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Special Function	PAD Change Mode(Before Change)
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Special Function	PAD Change Mode(After Change)

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Special Function	SAS Calibration(CAN-ESP Only)
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Special Function	Pressure Sensor Calibration
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Special Function	Pedal Travel Sensor(PTS)Calibration
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Special Function	Fluid Circulation Mode
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Special Function	High Pressure Release Mode
Optima Hybrid(TF HEV)	2014	USA Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Optima Hybrid(TF HEV)	2014	USA Area	AC(Air Conditioning)	Version Information	
Optima Hybrid(TF HEV)	2014	USA Area	AC(Air Conditioning)	Read Fault Code	
Optima Hybrid(TF HEV)	2014	USA Area	AC(Air Conditioning)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2014	USA Area	AC(Air Conditioning)	Read Data Stream	
Optima Hybrid(TF HEV)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Optima Hybrid(TF HEV)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Optima Hybrid(TF HEV)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Optima Hybrid(TF HEV)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Optima Hybrid(TF HEV)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Optima Hybrid(TF HEV)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Optima Hybrid(TF HEV)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Optima Hybrid(TF HEV)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Optima Hybrid(TF HEV)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Optima Hybrid(TF HEV)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Optima Hybrid(TF HEV)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Optima Hybrid(TF HEV)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-1Step
Optima Hybrid(TF HEV)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-2Step
Optima Hybrid(TF HEV)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-3Step
Optima Hybrid(TF HEV)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-4Step
Optima Hybrid(TF HEV)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-5Step

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-6Step
Optima Hybrid(TF HEV)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-7Step
Optima Hybrid(TF HEV)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-8Step
Optima Hybrid(TF HEV)	2014	USA Area	AC(Air Conditioning)	Actuation Test	E-Comp-On
Optima Hybrid(TF HEV)	2014	USA Area	AC(Air Conditioning)	Actuation Test	E-Comp-Off
Optima Hybrid(TF HEV)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Optima Hybrid(TF HEV)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Def Door-Close
Optima Hybrid(TF HEV)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Optima Hybrid(TF HEV)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Optima Hybrid(TF HEV)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Optima Hybrid(TF HEV)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Optima Hybrid(TF HEV)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Optima Hybrid(TF HEV)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL normal position
Optima Hybrid(TF HEV)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Setting&Zero position Initial
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Version Information	
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Read Fault Code	
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Read Data Stream	
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Cruise Indicator
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Seatbelt Indicator
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Door open indicator
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Starter Inhibit Relay
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Turn Left Signal
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Turn Right Signal
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Foot Lamp
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Relay
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid(Automatic Transmission)
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Outside Mirror Fold Relay
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Outside Mirror Unfold Relay
Optima Hybrid(TF HEV)	2014	USA Area	BCM(Body Control Module)	Actuation Test	PAS Switch ON Indicator

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2014	USA Area	BSD(Blind Spot Detection)	Version Information	
Optima Hybrid(TF HEV)	2014	USA Area	BSD(Blind Spot Detection)	Read Fault Code	
Optima Hybrid(TF HEV)	2014	USA Area	BSD(Blind Spot Detection)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2014	USA Area	BSD(Blind Spot Detection)	Read Data Stream	
Optima Hybrid(TF HEV)	2014	USA Area	BSD(Blind Spot Detection)	Actuation Test	Activation Switch LED
Optima Hybrid(TF HEV)	2014	USA Area	BSD(Blind Spot Detection)	Actuation Test	Mirror LED Left
Optima Hybrid(TF HEV)	2014	USA Area	BSD(Blind Spot Detection)	Actuation Test	Mirror LED Right
Optima Hybrid(TF HEV)	2014	USA Area	BSD(Blind Spot Detection)	Actuation Test	ALL LEDs
Optima Hybrid(TF HEV)	2014	USA Area	BSD(Blind Spot Detection)	Special Function	BSD Radar Calibration
Optima Hybrid(TF HEV)	2014	USA Area	BSD(Blind Spot Detection)	Special Function	BSD Variant Coding
Optima Hybrid(TF HEV)	2014	USA Area	BSD(Blind Spot Detection)	Special Function	BSD Variant Code Reading
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Version Information	
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Read Fault Code	
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2 Only)
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G ROOM)(LPI)
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator Lamp(LPI)
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High Speed
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low Speed
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#1
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#2
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#3
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#4
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Waste Gate Valve(Turbo Only)
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Option)
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible fuel
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Special Function	CVVT Test

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Optima Hybrid(TF HEV)	2014	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Optima Hybrid(TF HEV)	2014	USA Area	HEV Battery System	Version Information	
Optima Hybrid(TF HEV)	2014	USA Area	HEV Battery System	Read Fault Code	
Optima Hybrid(TF HEV)	2014	USA Area	HEV Battery System	Clear Fault Memory	
Optima Hybrid(TF HEV)	2014	USA Area	HEV Battery System	Read Data Stream	
Optima Hybrid(TF HEV)	2014	USA Area	HEV Battery System	Actuation Test	FAN 1st
Optima Hybrid(TF HEV)	2014	USA Area	HEV Battery System	Actuation Test	FAN 2nd
Optima Hybrid(TF HEV)	2014	USA Area	HEV Battery System	Actuation Test	FAN 3rd
Optima Hybrid(TF HEV)	2014	USA Area	HEV Battery System	Actuation Test	FAN 4th
Optima Hybrid(TF HEV)	2014	USA Area	HEV Battery System	Actuation Test	FAN 5th
Optima Hybrid(TF HEV)	2014	USA Area	HEV Battery System	Actuation Test	FAN 6th
Optima Hybrid(TF HEV)	2014	USA Area	HEV Battery System	Actuation Test	FAN 7th
Optima Hybrid(TF HEV)	2014	USA Area	HEV Battery System	Actuation Test	FAN 8th

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2014	USA Area	HEV Battery System	Actuation Test	FAN 9th
Optima Hybrid(TF HEV)	2014	USA Area	HEV Battery System	Actuation Test	FAN Stop
Optima Hybrid(TF HEV)	2014	USA Area	HEV Battery System	Actuation Test	Main Relay(-)ON
Optima Hybrid(TF HEV)	2014	USA Area	HEV Battery System	Actuation Test	Precharge Relay ON
Optima Hybrid(TF HEV)	2014	USA Area	HEV Battery System	Actuation Test	Main Relay(-),Precharge Relay ON simultaneous
Optima Hybrid(TF HEV)	2014	USA Area	HEV Battery System	Actuation Test	Main Relay(-),Main Relay(+)ON
Optima Hybrid(TF HEV)	2014	USA Area	HEV Battery System	Actuation Test	Main Relay(-)(+),Precharge Relay OFF simultaneous
Optima Hybrid(TF HEV)	2014	USA Area	HEV Battery System	Special Function	Battery Inspection
Optima Hybrid(TF HEV)	2014	USA Area	HEV Control System	Version Information	
Optima Hybrid(TF HEV)	2014	USA Area	HEV Control System	Read Fault Code	
Optima Hybrid(TF HEV)	2014	USA Area	HEV Control System	Clear Fault Memory	
Optima Hybrid(TF HEV)	2014	USA Area	HEV Control System	Read Data Stream	
Optima Hybrid(TF HEV)	2014	USA Area	HEV Control System	Special Function	E/C Fluid Pressure Cal.
Optima Hybrid(TF HEV)	2014	USA Area	HEV Control System	Special Function	Engine Test On

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2014	USA Area	HEV Control System	Special Function	Engine Test Off
Optima Hybrid(TF HEV)	2014	USA Area	HEV Control System	Special Function	LDC Activation Test
Optima Hybrid(TF HEV)	2014	USA Area	HEV Motor System	Version Information	
Optima Hybrid(TF HEV)	2014	USA Area	HEV Motor System	Read Fault Code	
Optima Hybrid(TF HEV)	2014	USA Area	HEV Motor System	Clear Fault Memory	
Optima Hybrid(TF HEV)	2014	USA Area	HEV Motor System	Read Data Stream	
Optima Hybrid(TF HEV)	2014	USA Area	HEV Motor System	Actuation Test	Motor Speed Control Operation
Optima Hybrid(TF HEV)	2014	USA Area	HEV Motor System	Actuation Test	Motor Torque Control Operation
Optima Hybrid(TF HEV)	2014	USA Area	HEV Motor System	Special Function	Motor HSG Resolver Calibration
Optima Hybrid(TF HEV)	2014	USA Area	HEV Motor System	Special Function	Electric Water Pump Control
Optima Hybrid(TF HEV)	2014	USA Area	Low DC/DC Converter	Version Information	
Optima Hybrid(TF HEV)	2014	USA Area	Low DC/DC Converter	Read Fault Code	
Optima Hybrid(TF HEV)	2014	USA Area	Low DC/DC Converter	Clear Fault Memory	
Optima Hybrid(TF HEV)	2014	USA Area	Low DC/DC Converter	Read Data Stream	
Optima Hybrid(TF HEV)	2014	USA Area	MDPS(Motor Driven Power Steering)	Version Information	

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2014	USA Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Optima Hybrid(TF HEV)	2014	USA Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2014	USA Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Optima Hybrid(TF HEV)	2014	USA Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Optima Hybrid(TF HEV)	2014	USA Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Version Information	
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Read Fault Code	
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Clear Fault Memory	
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Read Data Stream	
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Actuation Test	SSB Illumination
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Actuation Test	SSB LED Amber
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Actuation Test	SSB LED White
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Actuation Test	ESCL Ground Output

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Actuation Test	ACC Relay
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Actuation Test	IGN1 Relay
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Actuation Test	IGN2 Relay
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Actuation Test	Starter Relay
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Actuation Test	External Buzzer
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Actuation Test	Key Out Indicator
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Actuation Test	SSB LED OFF
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Actuation Test	Interior Antenna 1
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Actuation Test	Interior Antenna 2
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Actuation Test	Trunk Antenna
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Actuation Test	Interior Antenna 3
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Actuation Test	Bumper Antenna Active

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Special Function	Smart Key Code Saving
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Special Function	Neutralization Mode
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Special Function	SMK Status Information
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Special Function	FOB KEY Status Information
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Special Function	Current FOB Key Check
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Special Function	Antenna Status Check
Optima Hybrid(TF HEV)	2014	USA Area	Smart Key Unit	Special Function	Serial Communication Line Check
Optima Hybrid(TF HEV)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima Hybrid(TF HEV)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima Hybrid(TF HEV)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Optima Hybrid(TF HEV)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
Optima Hybrid(TF HEV)	2014	USA Area	TCM(Transmission Control Module)	Version Information	
Optima Hybrid(TF HEV)	2014	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Optima Hybrid(TF HEV)	2014	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2014	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Optima Hybrid(TF HEV)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Optima Hybrid(TF HEV)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Optima Hybrid(TF HEV)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Optima Hybrid(TF HEV)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Optima Hybrid(TF HEV)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Optima Hybrid(TF HEV)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Optima Hybrid(TF HEV)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
Optima Hybrid(TF HEV)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Gear Lamp
Optima Hybrid(TF HEV)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear Lamp

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear Lamp
Optima Hybrid(TF HEV)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Gear Lamp
Optima Hybrid(TF HEV)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Gear Lamp
Optima Hybrid(TF HEV)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	6th Gear Lamp
Optima Hybrid(TF HEV)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Engine Clutch Solenoid
Optima Hybrid(TF HEV)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Electric Oil Pump
Optima Hybrid(TF HEV)	2014	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Optima Hybrid(TF HEV)	2014	USA Area	Telematics Unit	Version Information	
Optima Hybrid(TF HEV)	2014	USA Area	Telematics Unit	Read Fault Code	
Optima Hybrid(TF HEV)	2014	USA Area	Telematics Unit	Clear Fault Memory	
Optima Hybrid(TF HEV)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Optima Hybrid(TF HEV)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Optima Hybrid(TF HEV)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Optima Hybrid(TF HEV)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Optima Hybrid(TF HEV)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Optima Hybrid(TF HEV)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Optima Hybrid(TF HEV)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Optima Hybrid(TF HEV)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Optima Hybrid(TF HEV)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Optima Hybrid(TF HEV)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Optima Hybrid(TF HEV)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Optima Hybrid(TF HEV)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Optima Hybrid(TF HEV)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Optima Hybrid(TF HEV)	2013	USA Area	AAF(Active Air Flap)	Version Information	
Optima Hybrid(TF HEV)	2013	USA Area	AAF(Active Air Flap)	Read Fault Code	
Optima Hybrid(TF HEV)	2013	USA Area	AAF(Active Air Flap)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2013	USA Area	AAF(Active Air Flap)	Read Data Stream	
Optima Hybrid(TF HEV)	2013	USA Area	AAF(Active Air Flap)	Actuation Test	Manually Active Air Flap Open

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2013	USA Area	AAF(Active Air Flap)	Actuation Test	Manually Active Air Flap Close
Optima Hybrid(TF HEV)	2013	USA Area	AAF(Active Air Flap)	Actuation Test	Active Air Flap Test
Optima Hybrid(TF HEV)	2013	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Optima Hybrid(TF HEV)	2013	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Optima Hybrid(TF HEV)	2013	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2013	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Optima Hybrid(TF HEV)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Optima Hybrid(TF HEV)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Optima Hybrid(TF HEV)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Optima Hybrid(TF HEV)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Optima Hybrid(TF HEV)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Optima Hybrid(TF HEV)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Optima Hybrid(TF HEV)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Optima Hybrid(TF HEV)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Optima Hybrid(TF HEV)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Optima Hybrid(TF HEV)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Optima Hybrid(TF HEV)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
Optima Hybrid(TF HEV)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
Optima Hybrid(TF HEV)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Optima Hybrid(TF HEV)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Optima Hybrid(TF HEV)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Optima Hybrid(TF HEV)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Optima Hybrid(TF HEV)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Cut Valve Solenoid
Optima Hybrid(TF HEV)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Release Valve Solenoid #1
Optima Hybrid(TF HEV)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Release Valve Solenoid #2
Optima Hybrid(TF HEV)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Apply Valve Solenoid #1
Optima Hybrid(TF HEV)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Apply Valve Solenoid #2
Optima Hybrid(TF HEV)	2013	USA Area	ABS(Anti-Lock Brake System)	Special Function	Steering Angle Sensor Calibration

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2013	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Optima Hybrid(TF HEV)	2013	USA Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/ DBC Only)
Optima Hybrid(TF HEV)	2013	USA Area	ABS(Anti-Lock Brake System)	Special Function	Pressure Sensor Calibration
Optima Hybrid(TF HEV)	2013	USA Area	ABS(Anti-Lock Brake System)	Special Function	Pedal Travel Sensor(PTS)Calibration
Optima Hybrid(TF HEV)	2013	USA Area	ABS(Anti-Lock Brake System)	Special Function	AHB Variant Coding
Optima Hybrid(TF HEV)	2013	USA Area	AC(Air Conditioning)	Version Information	
Optima Hybrid(TF HEV)	2013	USA Area	AC(Air Conditioning)	Read Fault Code	
Optima Hybrid(TF HEV)	2013	USA Area	AC(Air Conditioning)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2013	USA Area	AC(Air Conditioning)	Read Data Stream	
Optima Hybrid(TF HEV)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Optima Hybrid(TF HEV)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Optima Hybrid(TF HEV)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Optima Hybrid(TF HEV)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Optima Hybrid(TF HEV)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Optima Hybrid(TF HEV)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Optima Hybrid(TF HEV)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Optima Hybrid(TF HEV)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Optima Hybrid(TF HEV)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Optima Hybrid(TF HEV)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Optima Hybrid(TF HEV)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Optima Hybrid(TF HEV)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-1Step
Optima Hybrid(TF HEV)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-2Step
Optima Hybrid(TF HEV)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-3Step
Optima Hybrid(TF HEV)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-4Step
Optima Hybrid(TF HEV)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-5Step
Optima Hybrid(TF HEV)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-6Step
Optima Hybrid(TF HEV)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-7Step
Optima Hybrid(TF HEV)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-8Step

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2013	USA Area	AC(Air Conditioning)	Actuation Test	E-Comp-On
Optima Hybrid(TF HEV)	2013	USA Area	AC(Air Conditioning)	Actuation Test	E-Comp-Off
Optima Hybrid(TF HEV)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Optima Hybrid(TF HEV)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Def Door-Close
Optima Hybrid(TF HEV)	2013	USA Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Optima Hybrid(TF HEV)	2013	USA Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Optima Hybrid(TF HEV)	2013	USA Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2013	USA Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Optima Hybrid(TF HEV)	2013	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Optima Hybrid(TF HEV)	2013	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Optima Hybrid(TF HEV)	2013	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL normal position
Optima Hybrid(TF HEV)	2013	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Optima Hybrid(TF HEV)	2013	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Setting&Zero position Initial
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Version Information	
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Read Data Stream	
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Cruise Indicator
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Seatbelt Indicator
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Door open indicator
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Starter Inhibit Relay
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Turn Left Signal
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Turn Right Signal
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Foot Lamp
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer Left(Option)
Optima Hybrid(TF HEV)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer Right(Option)
Optima Hybrid(TF HEV)	2013	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Optima Hybrid(TF HEV)	2013	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Version Information	

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Read Fault Code	
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Read Data Stream	
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2 Only)
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G ROOM)(LPI)
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator Lamp(LPI)
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High Speed

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low Speed
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#1
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#2
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#3
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#4
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Waste Gate Valve(Turbo Only)
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Option)
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible fuel
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Special Function	CVVT Test
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Optima Hybrid(TF HEV)	2013	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Optima Hybrid(TF HEV)	2013	USA Area	HEV Battery System	Version Information	
Optima Hybrid(TF HEV)	2013	USA Area	HEV Battery System	Read Fault Code	
Optima Hybrid(TF HEV)	2013	USA Area	HEV Battery System	Clear Fault Memory	
Optima Hybrid(TF HEV)	2013	USA Area	HEV Battery System	Read Data Stream	
Optima Hybrid(TF HEV)	2013	USA Area	HEV Battery System	Actuation Test	FAN 1st
Optima Hybrid(TF HEV)	2013	USA Area	HEV Battery System	Actuation Test	FAN 2nd
Optima Hybrid(TF HEV)	2013	USA Area	HEV Battery System	Actuation Test	FAN 3rd
Optima Hybrid(TF HEV)	2013	USA Area	HEV Battery System	Actuation Test	FAN 4th
Optima Hybrid(TF HEV)	2013	USA Area	HEV Battery System	Actuation Test	FAN 5th

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2013	USA Area	HEV Battery System	Actuation Test	FAN 6th
Optima Hybrid(TF HEV)	2013	USA Area	HEV Battery System	Actuation Test	FAN 7th
Optima Hybrid(TF HEV)	2013	USA Area	HEV Battery System	Actuation Test	FAN 8th
Optima Hybrid(TF HEV)	2013	USA Area	HEV Battery System	Actuation Test	FAN 9th
Optima Hybrid(TF HEV)	2013	USA Area	HEV Battery System	Special Function	Battery Inspection
Optima Hybrid(TF HEV)	2013	USA Area	HEV Control System	Version Information	
Optima Hybrid(TF HEV)	2013	USA Area	HEV Control System	Read Fault Code	
Optima Hybrid(TF HEV)	2013	USA Area	HEV Control System	Clear Fault Memory	
Optima Hybrid(TF HEV)	2013	USA Area	HEV Control System	Read Data Stream	
Optima Hybrid(TF HEV)	2013	USA Area	HEV Control System	Special Function	E/C Fluid Pressure Cal.
Optima Hybrid(TF HEV)	2013	USA Area	HEV Control System	Special Function	Engine Test On
Optima Hybrid(TF HEV)	2013	USA Area	HEV Control System	Special Function	Engine Test Off
Optima Hybrid(TF HEV)	2013	USA Area	HEV Control System	Special Function	LDC Activation Test
Optima Hybrid(TF HEV)	2013	USA Area	HEV Motor System	Version Information	
Optima Hybrid(TF HEV)	2013	USA Area	HEV Motor System	Read Fault Code	

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2013	USA Area	HEV Motor System	Clear Fault Memory	
Optima Hybrid(TF HEV)	2013	USA Area	HEV Motor System	Read Data Stream	
Optima Hybrid(TF HEV)	2013	USA Area	HEV Motor System	Actuation Test	Motor Speed Control Operation
Optima Hybrid(TF HEV)	2013	USA Area	HEV Motor System	Actuation Test	Motor Torque Control Operation
Optima Hybrid(TF HEV)	2013	USA Area	HEV Motor System	Special Function	Motor HSG Resolver Calibration
Optima Hybrid(TF HEV)	2013	USA Area	HEV Motor System	Special Function	Electric Water Pump Control
Optima Hybrid(TF HEV)	2013	USA Area	IMMO(Immobilizer)	Read Data Stream	
Optima Hybrid(TF HEV)	2013	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changing
Optima Hybrid(TF HEV)	2013	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral Mode
Optima Hybrid(TF HEV)	2013	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Optima Hybrid(TF HEV)	2013	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Optima Hybrid(TF HEV)	2013	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Optima Hybrid(TF HEV)	2013	USA Area	Low DC/DC Converter	Version Information	
Optima Hybrid(TF HEV)	2013	USA Area	Low DC/DC Converter	Read Fault Code	
Optima Hybrid(TF HEV)	2013	USA Area	Low DC/DC Converter	Clear Fault Memory	

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2013	USA Area	Low DC/DC Converter	Read Data Stream	
Optima Hybrid(TF HEV)	2013	USA Area	MDPS(Motor Driven Power Steering)	Version Information	
Optima Hybrid(TF HEV)	2013	USA Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Optima Hybrid(TF HEV)	2013	USA Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2013	USA Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Optima Hybrid(TF HEV)	2013	USA Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Optima Hybrid(TF HEV)	2013	USA Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Optima Hybrid(TF HEV)	2013	USA Area	Smart Key Unit	Version Information	
Optima Hybrid(TF HEV)	2013	USA Area	Smart Key Unit	Read Fault Code	
Optima Hybrid(TF HEV)	2013	USA Area	Smart Key Unit	Clear Fault Memory	
Optima Hybrid(TF HEV)	2013	USA Area	Smart Key Unit	Read Data Stream	
Optima Hybrid(TF HEV)	2013	USA Area	Smart Key Unit	Actuation Test	External Buzzer
Optima Hybrid(TF HEV)	2013	USA Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Optima Hybrid(TF HEV)	2013	USA Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Optima Hybrid(TF HEV)	2013	USA Area	Smart Key Unit	Actuation Test	FOB Holder Illumination

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2013	USA Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Optima Hybrid(TF HEV)	2013	USA Area	Smart Key Unit	Actuation Test	ACC Relay
Optima Hybrid(TF HEV)	2013	USA Area	Smart Key Unit	Actuation Test	IGN1 Relay
Optima Hybrid(TF HEV)	2013	USA Area	Smart Key Unit	Actuation Test	IGN2 Relay
Optima Hybrid(TF HEV)	2013	USA Area	Smart Key Unit	Actuation Test	START Relay
Optima Hybrid(TF HEV)	2013	USA Area	Smart Key Unit	Actuation Test	Interior Antenna 1
Optima Hybrid(TF HEV)	2013	USA Area	Smart Key Unit	Actuation Test	Interior Antenna 2
Optima Hybrid(TF HEV)	2013	USA Area	Smart Key Unit	Actuation Test	Trunk Antenna
Optima Hybrid(TF HEV)	2013	USA Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Optima Hybrid(TF HEV)	2013	USA Area	Smart Key Unit	Actuation Test	Driver Door Handle Antenna
Optima Hybrid(TF HEV)	2013	USA Area	Smart Key Unit	Actuation Test	Assist Door Handle Antenna
Optima Hybrid(TF HEV)	2013	USA Area	Smart Key Unit	Special Function	Smart Key Code Saving
Optima Hybrid(TF HEV)	2013	USA Area	Smart Key Unit	Special Function	Neutralization Mode
Optima Hybrid(TF HEV)	2013	USA Area	Smart Key Unit	Special Function	PDM Status Information
Optima Hybrid(TF HEV)	2013	USA Area	Smart Key Unit	Special Function	FOB KEY Status Information

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2013	USA Area	Smart Key Unit	Special Function	User Option
Optima Hybrid(TF HEV)	2013	USA Area	Smart Key Unit	Special Function	Current FOB Key Check
Optima Hybrid(TF HEV)	2013	USA Area	Smart Key Unit	Special Function	Serial Communication Line Check
Optima Hybrid(TF HEV)	2013	USA Area	Smart Key Unit	Special Function	Antenna Status Check
Optima Hybrid(TF HEV)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima Hybrid(TF HEV)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima Hybrid(TF HEV)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima Hybrid(TF HEV)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Optima Hybrid(TF HEV)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
Optima Hybrid(TF HEV)	2013	USA Area	TCM(Transmission Control Module)	Version Information	
Optima Hybrid(TF HEV)	2013	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Optima Hybrid(TF HEV)	2013	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2013	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Optima Hybrid(TF HEV)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Optima Hybrid(TF HEV)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Optima Hybrid(TF HEV)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Optima Hybrid(TF HEV)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Optima Hybrid(TF HEV)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Optima Hybrid(TF HEV)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
Optima Hybrid(TF HEV)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Gear Lamp
Optima Hybrid(TF HEV)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear Lamp
Optima Hybrid(TF HEV)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear Lamp
Optima Hybrid(TF HEV)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Gear Lamp
Optima Hybrid(TF HEV)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Gear Lamp
Optima Hybrid(TF HEV)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	6th Gear Lamp
Optima Hybrid(TF HEV)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Engine Clutch Solenoid
Optima Hybrid(TF HEV)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Electric Oil Pump
Optima Hybrid(TF HEV)	2013	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Optima Hybrid(TF HEV)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Optima Hybrid(TF HEV)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Optima Hybrid(TF HEV)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Optima Hybrid(TF HEV)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Optima Hybrid(TF HEV)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Optima Hybrid(TF HEV)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Optima Hybrid(TF HEV)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Optima Hybrid(TF HEV)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Optima Hybrid(TF HEV)	2012	USA Area	AAF(Active Air Flap)	Version Information	
Optima Hybrid(TF HEV)	2012	USA Area	AAF(Active Air Flap)	Read Fault Code	
Optima Hybrid(TF HEV)	2012	USA Area	AAF(Active Air Flap)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2012	USA Area	AAF(Active Air Flap)	Read Data Stream	
Optima Hybrid(TF HEV)	2012	USA Area	AAF(Active Air Flap)	Actuation Test	Manually Active Air Flap Open

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2012	USA Area	AAF(Active Air Flap)	Actuation Test	Manually Active Air Flap Close
Optima Hybrid(TF HEV)	2012	USA Area	AAF(Active Air Flap)	Actuation Test	Active Air Flap Test
Optima Hybrid(TF HEV)	2012	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Optima Hybrid(TF HEV)	2012	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Optima Hybrid(TF HEV)	2012	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2012	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Optima Hybrid(TF HEV)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Optima Hybrid(TF HEV)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Optima Hybrid(TF HEV)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Optima Hybrid(TF HEV)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Optima Hybrid(TF HEV)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Optima Hybrid(TF HEV)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Optima Hybrid(TF HEV)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Optima Hybrid(TF HEV)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Optima Hybrid(TF HEV)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Optima Hybrid(TF HEV)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Optima Hybrid(TF HEV)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
Optima Hybrid(TF HEV)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
Optima Hybrid(TF HEV)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Optima Hybrid(TF HEV)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Optima Hybrid(TF HEV)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Optima Hybrid(TF HEV)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Optima Hybrid(TF HEV)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Cut Valve Solenoid
Optima Hybrid(TF HEV)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Release Valve Solenoid #1
Optima Hybrid(TF HEV)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Release Valve Solenoid #2
Optima Hybrid(TF HEV)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Apply Valve Solenoid #1
Optima Hybrid(TF HEV)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Apply Valve Solenoid #2
Optima Hybrid(TF HEV)	2012	USA Area	ABS(Anti-Lock Brake System)	Special Function	Steering Angle Sensor Calibration

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2012	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Optima Hybrid(TF HEV)	2012	USA Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/ DBC Only)
Optima Hybrid(TF HEV)	2012	USA Area	ABS(Anti-Lock Brake System)	Special Function	Pressure Sensor Calibration
Optima Hybrid(TF HEV)	2012	USA Area	ABS(Anti-Lock Brake System)	Special Function	Pedal Travel Sensor(PTS)Calibration
Optima Hybrid(TF HEV)	2012	USA Area	ABS(Anti-Lock Brake System)	Special Function	AHB Variant Coding
Optima Hybrid(TF HEV)	2012	USA Area	AC(Air Conditioning)	Version Information	
Optima Hybrid(TF HEV)	2012	USA Area	AC(Air Conditioning)	Read Fault Code	
Optima Hybrid(TF HEV)	2012	USA Area	AC(Air Conditioning)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2012	USA Area	AC(Air Conditioning)	Read Data Stream	
Optima Hybrid(TF HEV)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Optima Hybrid(TF HEV)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Optima Hybrid(TF HEV)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Optima Hybrid(TF HEV)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Optima Hybrid(TF HEV)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Optima Hybrid(TF HEV)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Optima Hybrid(TF HEV)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Optima Hybrid(TF HEV)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Optima Hybrid(TF HEV)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Optima Hybrid(TF HEV)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Optima Hybrid(TF HEV)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Optima Hybrid(TF HEV)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-1Step
Optima Hybrid(TF HEV)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-2Step
Optima Hybrid(TF HEV)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-3Step
Optima Hybrid(TF HEV)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-4Step
Optima Hybrid(TF HEV)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-5Step
Optima Hybrid(TF HEV)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-6Step
Optima Hybrid(TF HEV)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-7Step
Optima Hybrid(TF HEV)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-8Step

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2012	USA Area	AC(Air Conditioning)	Actuation Test	E-Comp-On
Optima Hybrid(TF HEV)	2012	USA Area	AC(Air Conditioning)	Actuation Test	E-Comp-Off
Optima Hybrid(TF HEV)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Optima Hybrid(TF HEV)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Def Door-Close
Optima Hybrid(TF HEV)	2012	USA Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Optima Hybrid(TF HEV)	2012	USA Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Optima Hybrid(TF HEV)	2012	USA Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2012	USA Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Optima Hybrid(TF HEV)	2012	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Optima Hybrid(TF HEV)	2012	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Optima Hybrid(TF HEV)	2012	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL normal position
Optima Hybrid(TF HEV)	2012	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Optima Hybrid(TF HEV)	2012	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Setting&Zero position Initial
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Version Information	
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Read Data Stream	
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Cruise Indicator
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Seatbelt Indicator
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Door open indicator
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Starter Inhibit Relay
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Turn Left Signal
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Turn Right Signal
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Foot Lamp
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer Left(Option)
Optima Hybrid(TF HEV)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer Right(Option)
Optima Hybrid(TF HEV)	2012	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Optima Hybrid(TF HEV)	2012	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Version Information	

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Read Fault Code	
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Read Data Stream	
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2 Only)
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G ROOM)(LPI)
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator Lamp(LPI)
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High Speed

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low Speed
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#1
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#2
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#3
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#4
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Waste Gate Valve(Turbo Only)
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Option)
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible fuel
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Special Function	CVVT Test
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Optima Hybrid(TF HEV)	2012	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Optima Hybrid(TF HEV)	2012	USA Area	HEV Battery System	Version Information	
Optima Hybrid(TF HEV)	2012	USA Area	HEV Battery System	Read Fault Code	
Optima Hybrid(TF HEV)	2012	USA Area	HEV Battery System	Clear Fault Memory	
Optima Hybrid(TF HEV)	2012	USA Area	HEV Battery System	Read Data Stream	
Optima Hybrid(TF HEV)	2012	USA Area	HEV Battery System	Actuation Test	FAN 1st
Optima Hybrid(TF HEV)	2012	USA Area	HEV Battery System	Actuation Test	FAN 2nd
Optima Hybrid(TF HEV)	2012	USA Area	HEV Battery System	Actuation Test	FAN 3rd
Optima Hybrid(TF HEV)	2012	USA Area	HEV Battery System	Actuation Test	FAN 4th
Optima Hybrid(TF HEV)	2012	USA Area	HEV Battery System	Actuation Test	FAN 5th

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2012	USA Area	HEV Battery System	Actuation Test	FAN 6th
Optima Hybrid(TF HEV)	2012	USA Area	HEV Battery System	Actuation Test	FAN 7th
Optima Hybrid(TF HEV)	2012	USA Area	HEV Battery System	Actuation Test	FAN 8th
Optima Hybrid(TF HEV)	2012	USA Area	HEV Battery System	Actuation Test	FAN 9th
Optima Hybrid(TF HEV)	2012	USA Area	HEV Battery System	Special Function	Battery Inspection
Optima Hybrid(TF HEV)	2012	USA Area	HEV Control System	Version Information	
Optima Hybrid(TF HEV)	2012	USA Area	HEV Control System	Read Fault Code	
Optima Hybrid(TF HEV)	2012	USA Area	HEV Control System	Clear Fault Memory	
Optima Hybrid(TF HEV)	2012	USA Area	HEV Control System	Read Data Stream	
Optima Hybrid(TF HEV)	2012	USA Area	HEV Control System	Special Function	E/C Fluid Pressure Cal.
Optima Hybrid(TF HEV)	2012	USA Area	HEV Control System	Special Function	Engine Test On
Optima Hybrid(TF HEV)	2012	USA Area	HEV Control System	Special Function	Engine Test Off
Optima Hybrid(TF HEV)	2012	USA Area	HEV Control System	Special Function	LDC Activation Test
Optima Hybrid(TF HEV)	2012	USA Area	HEV Motor System	Version Information	
Optima Hybrid(TF HEV)	2012	USA Area	HEV Motor System	Read Fault Code	

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2012	USA Area	HEV Motor System	Clear Fault Memory	
Optima Hybrid(TF HEV)	2012	USA Area	HEV Motor System	Read Data Stream	
Optima Hybrid(TF HEV)	2012	USA Area	HEV Motor System	Actuation Test	Motor Speed Control Operation
Optima Hybrid(TF HEV)	2012	USA Area	HEV Motor System	Actuation Test	Motor Torque Control Operation
Optima Hybrid(TF HEV)	2012	USA Area	HEV Motor System	Special Function	Motor HSG Resolver Calibration
Optima Hybrid(TF HEV)	2012	USA Area	HEV Motor System	Special Function	Electric Water Pump Control
Optima Hybrid(TF HEV)	2012	USA Area	IMMO(Immobilizer)	Read Data Stream	
Optima Hybrid(TF HEV)	2012	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changing
Optima Hybrid(TF HEV)	2012	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral Mode
Optima Hybrid(TF HEV)	2012	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Optima Hybrid(TF HEV)	2012	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Optima Hybrid(TF HEV)	2012	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Optima Hybrid(TF HEV)	2012	USA Area	Low DC/DC Converter	Version Information	
Optima Hybrid(TF HEV)	2012	USA Area	Low DC/DC Converter	Read Fault Code	
Optima Hybrid(TF HEV)	2012	USA Area	Low DC/DC Converter	Clear Fault Memory	

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2012	USA Area	Low DC/DC Converter	Read Data Stream	
Optima Hybrid(TF HEV)	2012	USA Area	MDPS(Motor Driven Power Steering)	Version Information	
Optima Hybrid(TF HEV)	2012	USA Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Optima Hybrid(TF HEV)	2012	USA Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2012	USA Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Optima Hybrid(TF HEV)	2012	USA Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Optima Hybrid(TF HEV)	2012	USA Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Optima Hybrid(TF HEV)	2012	USA Area	Smart Key Unit	Version Information	
Optima Hybrid(TF HEV)	2012	USA Area	Smart Key Unit	Read Fault Code	
Optima Hybrid(TF HEV)	2012	USA Area	Smart Key Unit	Clear Fault Memory	
Optima Hybrid(TF HEV)	2012	USA Area	Smart Key Unit	Read Data Stream	
Optima Hybrid(TF HEV)	2012	USA Area	Smart Key Unit	Actuation Test	External Buzzer
Optima Hybrid(TF HEV)	2012	USA Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Optima Hybrid(TF HEV)	2012	USA Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Optima Hybrid(TF HEV)	2012	USA Area	Smart Key Unit	Actuation Test	FOB Holder Illumination

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2012	USA Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Optima Hybrid(TF HEV)	2012	USA Area	Smart Key Unit	Actuation Test	ACC Relay
Optima Hybrid(TF HEV)	2012	USA Area	Smart Key Unit	Actuation Test	IGN1 Relay
Optima Hybrid(TF HEV)	2012	USA Area	Smart Key Unit	Actuation Test	IGN2 Relay
Optima Hybrid(TF HEV)	2012	USA Area	Smart Key Unit	Actuation Test	START Relay
Optima Hybrid(TF HEV)	2012	USA Area	Smart Key Unit	Actuation Test	Interior Antenna 1
Optima Hybrid(TF HEV)	2012	USA Area	Smart Key Unit	Actuation Test	Interior Antenna 2
Optima Hybrid(TF HEV)	2012	USA Area	Smart Key Unit	Actuation Test	Trunk Antenna
Optima Hybrid(TF HEV)	2012	USA Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Optima Hybrid(TF HEV)	2012	USA Area	Smart Key Unit	Actuation Test	Driver Door Handle Antenna
Optima Hybrid(TF HEV)	2012	USA Area	Smart Key Unit	Actuation Test	Assist Door Handle Antenna
Optima Hybrid(TF HEV)	2012	USA Area	Smart Key Unit	Special Function	Smart Key Code Saving
Optima Hybrid(TF HEV)	2012	USA Area	Smart Key Unit	Special Function	Neutralization Mode
Optima Hybrid(TF HEV)	2012	USA Area	Smart Key Unit	Special Function	PDM Status Information
Optima Hybrid(TF HEV)	2012	USA Area	Smart Key Unit	Special Function	FOB KEY Status Information

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2012	USA Area	Smart Key Unit	Special Function	User Option
Optima Hybrid(TF HEV)	2012	USA Area	Smart Key Unit	Special Function	Current FOB Key Check
Optima Hybrid(TF HEV)	2012	USA Area	Smart Key Unit	Special Function	Serial Communication Line Check
Optima Hybrid(TF HEV)	2012	USA Area	Smart Key Unit	Special Function	Antenna Status Check
Optima Hybrid(TF HEV)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima Hybrid(TF HEV)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima Hybrid(TF HEV)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima Hybrid(TF HEV)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Optima Hybrid(TF HEV)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
Optima Hybrid(TF HEV)	2012	USA Area	TCM(Transmission Control Module)	Version Information	
Optima Hybrid(TF HEV)	2012	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Optima Hybrid(TF HEV)	2012	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2012	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Optima Hybrid(TF HEV)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Optima Hybrid(TF HEV)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Optima Hybrid(TF HEV)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Optima Hybrid(TF HEV)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Optima Hybrid(TF HEV)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Optima Hybrid(TF HEV)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
Optima Hybrid(TF HEV)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Gear Lamp
Optima Hybrid(TF HEV)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear Lamp
Optima Hybrid(TF HEV)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear Lamp
Optima Hybrid(TF HEV)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Gear Lamp
Optima Hybrid(TF HEV)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Gear Lamp
Optima Hybrid(TF HEV)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	6th Gear Lamp
Optima Hybrid(TF HEV)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Engine Clutch Solenoid
Optima Hybrid(TF HEV)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Electric Oil Pump
Optima Hybrid(TF HEV)	2012	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Optima Hybrid(TF HEV)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Optima Hybrid(TF HEV)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Optima Hybrid(TF HEV)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Optima Hybrid(TF HEV)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Optima Hybrid(TF HEV)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Optima Hybrid(TF HEV)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Optima Hybrid(TF HEV)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Optima Hybrid(TF HEV)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Optima Hybrid(TF HEV)	2011	USA Area	AAF(Active Air Flap)	Version Information	
Optima Hybrid(TF HEV)	2011	USA Area	AAF(Active Air Flap)	Read Fault Code	
Optima Hybrid(TF HEV)	2011	USA Area	AAF(Active Air Flap)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2011	USA Area	AAF(Active Air Flap)	Read Data Stream	
Optima Hybrid(TF HEV)	2011	USA Area	AAF(Active Air Flap)	Actuation Test	Manually Active Air Flap Open

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2011	USA Area	AAF(Active Air Flap)	Actuation Test	Manually Active Air Flap Close
Optima Hybrid(TF HEV)	2011	USA Area	AAF(Active Air Flap)	Actuation Test	Active Air Flap Test
Optima Hybrid(TF HEV)	2011	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Optima Hybrid(TF HEV)	2011	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Optima Hybrid(TF HEV)	2011	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2011	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Optima Hybrid(TF HEV)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Optima Hybrid(TF HEV)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Optima Hybrid(TF HEV)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Optima Hybrid(TF HEV)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Optima Hybrid(TF HEV)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Optima Hybrid(TF HEV)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Optima Hybrid(TF HEV)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Optima Hybrid(TF HEV)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Optima Hybrid(TF HEV)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Optima Hybrid(TF HEV)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Optima Hybrid(TF HEV)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
Optima Hybrid(TF HEV)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
Optima Hybrid(TF HEV)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Optima Hybrid(TF HEV)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Optima Hybrid(TF HEV)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Optima Hybrid(TF HEV)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Optima Hybrid(TF HEV)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Cut Valve Solenoid
Optima Hybrid(TF HEV)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Release Valve Solenoid #1
Optima Hybrid(TF HEV)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Release Valve Solenoid #2
Optima Hybrid(TF HEV)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Apply Valve Solenoid #1
Optima Hybrid(TF HEV)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Apply Valve Solenoid #2
Optima Hybrid(TF HEV)	2011	USA Area	ABS(Anti-Lock Brake System)	Special Function	Steering Angle Sensor Calibration

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2011	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Optima Hybrid(TF HEV)	2011	USA Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/ DBC Only)
Optima Hybrid(TF HEV)	2011	USA Area	ABS(Anti-Lock Brake System)	Special Function	Pressure Sensor Calibration
Optima Hybrid(TF HEV)	2011	USA Area	ABS(Anti-Lock Brake System)	Special Function	Pedal Travel Sensor(PTS)Calibration
Optima Hybrid(TF HEV)	2011	USA Area	AC(Air Conditioning)	Version Information	
Optima Hybrid(TF HEV)	2011	USA Area	AC(Air Conditioning)	Read Fault Code	
Optima Hybrid(TF HEV)	2011	USA Area	AC(Air Conditioning)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2011	USA Area	AC(Air Conditioning)	Read Data Stream	
Optima Hybrid(TF HEV)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Optima Hybrid(TF HEV)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Optima Hybrid(TF HEV)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Optima Hybrid(TF HEV)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Optima Hybrid(TF HEV)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Optima Hybrid(TF HEV)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Optima Hybrid(TF HEV)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Optima Hybrid(TF HEV)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Optima Hybrid(TF HEV)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Optima Hybrid(TF HEV)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Optima Hybrid(TF HEV)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Optima Hybrid(TF HEV)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-1Step
Optima Hybrid(TF HEV)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-2Step
Optima Hybrid(TF HEV)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-3Step
Optima Hybrid(TF HEV)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-4Step
Optima Hybrid(TF HEV)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-5Step
Optima Hybrid(TF HEV)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-6Step
Optima Hybrid(TF HEV)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-7Step
Optima Hybrid(TF HEV)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-8Step
Optima Hybrid(TF HEV)	2011	USA Area	AC(Air Conditioning)	Actuation Test	E-Comp-On

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2011	USA Area	AC(Air Conditioning)	Actuation Test	E-Comp-Off
Optima Hybrid(TF HEV)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Optima Hybrid(TF HEV)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Def Door-Close
Optima Hybrid(TF HEV)	2011	USA Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Optima Hybrid(TF HEV)	2011	USA Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Optima Hybrid(TF HEV)	2011	USA Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2011	USA Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Optima Hybrid(TF HEV)	2011	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Optima Hybrid(TF HEV)	2011	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Optima Hybrid(TF HEV)	2011	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL normal position
Optima Hybrid(TF HEV)	2011	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Optima Hybrid(TF HEV)	2011	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Setting&Zero position Initial
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Version Information	
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Read Fault Code	
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Read Data Stream	
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Cruise Indicator
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Seatbelt Indicator
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Door open indicator
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Starter Inhibit Relay
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Turn Left Signal
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Turn Right Signal
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Foot Lamp
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer Left(Option)
Optima Hybrid(TF HEV)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer Right(Option)
Optima Hybrid(TF HEV)	2011	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Optima Hybrid(TF HEV)	2011	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Version Information	
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Read Data Stream	
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2 Only)
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G ROOM)(LPI)
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator Lamp(LPI)
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High Speed
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low Speed

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#1
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#2
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#3
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-#4
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Waste Gate Valve(Turbo Only)
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main Lamp(Option)
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible fuel
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Special Function	Read VIN

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Special Function	CVVT Test
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Optima Hybrid(TF HEV)	2011	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Optima Hybrid(TF HEV)	2011	USA Area	HEV Battery System	Version Information	
Optima Hybrid(TF HEV)	2011	USA Area	HEV Battery System	Read Fault Code	
Optima Hybrid(TF HEV)	2011	USA Area	HEV Battery System	Clear Fault Memory	
Optima Hybrid(TF HEV)	2011	USA Area	HEV Battery System	Read Data Stream	
Optima Hybrid(TF HEV)	2011	USA Area	HEV Battery System	Actuation Test	FAN 1st
Optima Hybrid(TF HEV)	2011	USA Area	HEV Battery System	Actuation Test	FAN 2nd
Optima Hybrid(TF HEV)	2011	USA Area	HEV Battery System	Actuation Test	FAN 3rd
Optima Hybrid(TF HEV)	2011	USA Area	HEV Battery System	Actuation Test	FAN 4th
Optima Hybrid(TF HEV)	2011	USA Area	HEV Battery System	Actuation Test	FAN 5th
Optima Hybrid(TF HEV)	2011	USA Area	HEV Battery System	Actuation Test	FAN 6th

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2011	USA Area	HEV Battery System	Actuation Test	FAN 7th
Optima Hybrid(TF HEV)	2011	USA Area	HEV Battery System	Actuation Test	FAN 8th
Optima Hybrid(TF HEV)	2011	USA Area	HEV Battery System	Actuation Test	FAN 9th
Optima Hybrid(TF HEV)	2011	USA Area	HEV Battery System	Special Function	Battery Inspection
Optima Hybrid(TF HEV)	2011	USA Area	HEV Control System	Version Information	
Optima Hybrid(TF HEV)	2011	USA Area	HEV Control System	Read Fault Code	
Optima Hybrid(TF HEV)	2011	USA Area	HEV Control System	Clear Fault Memory	
Optima Hybrid(TF HEV)	2011	USA Area	HEV Control System	Read Data Stream	
Optima Hybrid(TF HEV)	2011	USA Area	HEV Control System	Special Function	E/C Fluid Pressure Cal.
Optima Hybrid(TF HEV)	2011	USA Area	HEV Control System	Special Function	Engine Test On
Optima Hybrid(TF HEV)	2011	USA Area	HEV Control System	Special Function	Engine Test Off
Optima Hybrid(TF HEV)	2011	USA Area	HEV Control System	Special Function	LDC Activation Test
Optima Hybrid(TF HEV)	2011	USA Area	HEV Motor System	Version Information	
Optima Hybrid(TF HEV)	2011	USA Area	HEV Motor System	Read Fault Code	
Optima Hybrid(TF HEV)	2011	USA Area	HEV Motor System	Clear Fault Memory	

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2011	USA Area	HEV Motor System	Read Data Stream	
Optima Hybrid(TF HEV)	2011	USA Area	HEV Motor System	Actuation Test	Motor Speed Control Operation
Optima Hybrid(TF HEV)	2011	USA Area	HEV Motor System	Actuation Test	Motor Torque Control Operation
Optima Hybrid(TF HEV)	2011	USA Area	HEV Motor System	Special Function	Motor HSG Resolver Calibration
Optima Hybrid(TF HEV)	2011	USA Area	HEV Motor System	Special Function	Electric Water Pump Control
Optima Hybrid(TF HEV)	2011	USA Area	IMMO(Immobilizer)	Read Data Stream	
Optima Hybrid(TF HEV)	2011	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changing
Optima Hybrid(TF HEV)	2011	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral Mode
Optima Hybrid(TF HEV)	2011	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Optima Hybrid(TF HEV)	2011	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Optima Hybrid(TF HEV)	2011	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Optima Hybrid(TF HEV)	2011	USA Area	Low DC/DC Converter	Version Information	
Optima Hybrid(TF HEV)	2011	USA Area	Low DC/DC Converter	Read Fault Code	
Optima Hybrid(TF HEV)	2011	USA Area	Low DC/DC Converter	Clear Fault Memory	
Optima Hybrid(TF HEV)	2011	USA Area	Low DC/DC Converter	Read Data Stream	

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2011	USA Area	MDPS(Motor Driven Power Steering)	Version Information	
Optima Hybrid(TF HEV)	2011	USA Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Optima Hybrid(TF HEV)	2011	USA Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2011	USA Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Optima Hybrid(TF HEV)	2011	USA Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Optima Hybrid(TF HEV)	2011	USA Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Optima Hybrid(TF HEV)	2011	USA Area	Smart Key Unit	Version Information	
Optima Hybrid(TF HEV)	2011	USA Area	Smart Key Unit	Read Fault Code	
Optima Hybrid(TF HEV)	2011	USA Area	Smart Key Unit	Clear Fault Memory	
Optima Hybrid(TF HEV)	2011	USA Area	Smart Key Unit	Read Data Stream	
Optima Hybrid(TF HEV)	2011	USA Area	Smart Key Unit	Actuation Test	External Buzzer
Optima Hybrid(TF HEV)	2011	USA Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Optima Hybrid(TF HEV)	2011	USA Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Optima Hybrid(TF HEV)	2011	USA Area	Smart Key Unit	Actuation Test	FOB Holder Illumination
Optima Hybrid(TF HEV)	2011	USA Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2011	USA Area	Smart Key Unit	Actuation Test	ACC Relay
Optima Hybrid(TF HEV)	2011	USA Area	Smart Key Unit	Actuation Test	IGN1 Relay
Optima Hybrid(TF HEV)	2011	USA Area	Smart Key Unit	Actuation Test	IGN2 Relay
Optima Hybrid(TF HEV)	2011	USA Area	Smart Key Unit	Actuation Test	START Relay
Optima Hybrid(TF HEV)	2011	USA Area	Smart Key Unit	Actuation Test	Interior Antenna 1
Optima Hybrid(TF HEV)	2011	USA Area	Smart Key Unit	Actuation Test	Interior Antenna 2
Optima Hybrid(TF HEV)	2011	USA Area	Smart Key Unit	Actuation Test	Trunk Antenna
Optima Hybrid(TF HEV)	2011	USA Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Optima Hybrid(TF HEV)	2011	USA Area	Smart Key Unit	Actuation Test	Driver Door Handle Antenna
Optima Hybrid(TF HEV)	2011	USA Area	Smart Key Unit	Actuation Test	Assist Door Handle Antenna
Optima Hybrid(TF HEV)	2011	USA Area	Smart Key Unit	Special Function	Smart Key Code Saving
Optima Hybrid(TF HEV)	2011	USA Area	Smart Key Unit	Special Function	Neutralization Mode
Optima Hybrid(TF HEV)	2011	USA Area	Smart Key Unit	Special Function	PDM Status Information
Optima Hybrid(TF HEV)	2011	USA Area	Smart Key Unit	Special Function	FOB KEY Status Information
Optima Hybrid(TF HEV)	2011	USA Area	Smart Key Unit	Special Function	User Option

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2011	USA Area	Smart Key Unit	Special Function	Current FOB Key Check
Optima Hybrid(TF HEV)	2011	USA Area	Smart Key Unit	Special Function	Serial Communication Line Check
Optima Hybrid(TF HEV)	2011	USA Area	Smart Key Unit	Special Function	Antenna Status Check
Optima Hybrid(TF HEV)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima Hybrid(TF HEV)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima Hybrid(TF HEV)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima Hybrid(TF HEV)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Optima Hybrid(TF HEV)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
Optima Hybrid(TF HEV)	2011	USA Area	TCM(Transmission Control Module)	Version Information	
Optima Hybrid(TF HEV)	2011	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Optima Hybrid(TF HEV)	2011	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2011	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Optima Hybrid(TF HEV)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Optima Hybrid(TF HEV)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Optima Hybrid(TF HEV)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Optima Hybrid(TF HEV)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Optima Hybrid(TF HEV)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Optima Hybrid(TF HEV)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
Optima Hybrid(TF HEV)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Gear Lamp
Optima Hybrid(TF HEV)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear Lamp
Optima Hybrid(TF HEV)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear Lamp
Optima Hybrid(TF HEV)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Gear Lamp
Optima Hybrid(TF HEV)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Gear Lamp
Optima Hybrid(TF HEV)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	6th Gear Lamp
Optima Hybrid(TF HEV)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Engine Clutch Solenoid
Optima Hybrid(TF HEV)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Electric Oil Pump
Optima Hybrid(TF HEV)	2011	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Optima Hybrid(TF HEV)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	

model	year	area	system	function	subfunction
Optima Hybrid(TF HEV)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Optima Hybrid(TF HEV)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Optima Hybrid(TF HEV)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Optima Hybrid(TF HEV)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Optima Hybrid(TF HEV)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Optima Hybrid(TF HEV)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Optima Hybrid(TF HEV)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Optima Hybrid(TF HEV)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Optima Hybrid(TF HEV)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear

model	year	area	system	function	subfunction
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	HAC Brake Lamp Actuator
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Lamp
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Release Motor RH(Caliper Type Only)
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Apply Motor RH(Caliper Type Only)
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Release Motor LH(Caliper Type Only)
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Apply Motor LH(Caliper Type Only)
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Release(Cable Type Only)
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Apply(Cable Type
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply

model	year	area	system	function	subfunction
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	EPB Warning Lamp-ON
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	EPB Warning Lamp-OFF
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	EPB Status Lamp-ON
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	EPB Status Lamp-OFF
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Special Function	Steering Angle Sensor
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Optima(JFA)	2016	USA Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Version	
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Read Fault Code	
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Clear Fault	
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Read Data	
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-VENT
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-FLOOR
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-DEF.

model	year	area	system	function	subfunction
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Intake Door-Fresh
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Intake Door-
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-Off
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-1Step
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-2Step
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-4Step
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-3Step
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-5Step
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-6Step
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-7Step
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Front Blower Fan Motor-8Step
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Def Door-Close
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Vent
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Floor
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defog
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Console Temperature Air Mix Door 0%
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Console Temperature Air Mix Door 50%
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Console Temperature Air Mix Door 100%
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Console Mode Door-Vent
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Console Mode Door-BI-Level
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Console Mode Door-Floor
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Console On Door

model	year	area	system	function	subfunction
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Console Off Door
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Front Air Flow Door-0%
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Front Air Flow Door-50%
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Front Air Flow Door-100%
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Flow Door-0%
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Flow Door-50%
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Flow Door-100%
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Driver B-PILLAR Door-0%
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Driver B-PILLAR Door-
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Passenger B-PILLAR Door-0%
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Passenger B-PILLAR Door-
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-Off
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-1Step
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-2Step
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-3Step
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-4Step
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-5Step
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-6Step
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-7Step
Optima(JFA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan Motor-8Step
Optima(JFA)	2016	USA Area	Amplifier	Version	
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Version Information	
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Read Fault Code	
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Read Data Stream	
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(Headrest
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(Headrest
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Foremost Position(Cushion Extension)
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Last Position(Cushion Extension)

model	year	area	system	function	subfunction
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)

model	year	area	system	function	subfunction
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Parasitic Current Auto-Block IPS
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt Indicator
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt Indicator
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt Indicator
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left/Right
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Right
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	High Mounted Stop Lamp
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	RL Door Lock Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	RL Door Unlock Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Up
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Down
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Left

model	year	area	system	function	subfunction
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Right
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window DOWN
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window UP
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window DOWN
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LOCK
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Door Courtesy Lamp
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Power Window UP
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Power Window DOWN
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window UP
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Charging Status LED(Yellow)On
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Charging Status LED(Green)On
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window Up
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Highest Position
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Lowest Position
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Left Position
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Right Position

model	year	area	system	function	subfunction
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Fold
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Unfold
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Drive Side Puddle Lamp
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Lock
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Side Repeater
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	BSD Indicator
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Courtesy Lamp
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Heater Control
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Window Auto Up
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Auto
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Up
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Down
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Pocket Light Output(Option)
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Auto Up
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Auto
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Up
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Down
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Auto Up
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Auto
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Up
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Down

model	year	area	system	function	subfunction
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Illumination
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Window Lock to Driver Door
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Highest Position
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Lowest Position
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Left Position
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Right Position
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Fold
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Unfold
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Pocket Lamp(Both Left and Right)
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Mood Lamp(Both Left and Right)
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Courtesy Lamp
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Courtesy Lamp
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Door Curtain Up(Only Windows Close
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Door Curtain Down(Only Windows Close Status)

model	year	area	system	function	subfunction
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Door Curtain Up(Only Windows Close
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Door Curtain Down(Only Windows Close Status)
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist BSD Indicator
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Curtain re-Initialize
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear illumination
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window Up
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Side Puddle Lamp
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Door Lock
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Door Unlock
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Side Repeater
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Courtesy Lamp
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Heater Control
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Auto
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Up
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Down
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Window Lock to Assist Door
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay

model	year	area	system	function	subfunction
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)

model	year	area	system	function	subfunction
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay(with Safety P/WDW Enable)
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay

model	year	area	system	function	subfunction
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator

model	year	area	system	function	subfunction
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination(Manual Key Type)
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Heated Handle Output
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Heated Handle Indicator
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Map Lamp Output
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Alt'L Signal Out
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Relay
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Lamp
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Front Washer Motor Output
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Washer Motor Output
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	3Lh SBR Left Indicator
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	3Rh SBR Center Indicator
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Safety ECU Enable
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Defogger Indicator
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	EMS Wakeup Output
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Door Open Solenoid Output

model	year	area	system	function	subfunction
Optima(JFA)	2016	USA Area	BCM(Body Control Module)	Special Function	User Option
Optima(JFA)	2016	USA Area	CCS(Cruise Control System)	Version Information	
Optima(JFA)	2016	USA Area	CCS(Cruise Control System)	Read Fault Code	
Optima(JFA)	2016	USA Area	CCS(Cruise Control System)	Clear Fault Memory	
Optima(JFA)	2016	USA Area	CCS(Cruise Control System)	Read Data Stream	
Optima(JFA)	2016	USA Area	CCS(Cruise Control System)	Special Function	Radar Sensor Alignment(SCC/AEB)
Optima(JFA)	2016	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Optima(JFA)	2016	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Version Information	
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Read Fault Code	
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Read Data Stream	
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay

model	year	area	system	function	subfunction
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer

model	year	area	system	function	subfunction
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1

model	year	area	system	function	subfunction
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1

model	year	area	system	function	subfunction
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM

model	year	area	system	function	subfunction
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Electrically Controlled Water Pump
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Nu LPI Option)
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Theta LPI Option)
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Special Function	ISG TEST(Option)
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset

model	year	area	system	function	subfunction
Optima(JFA)	2016	USA Area	ECM(Engine Control Module)	Special Function	Resetting E-CVVT Values
Optima(JFA)	2016	USA Area	Head Lamp	Version	
Optima(JFA)	2016	USA Area	Head Lamp	Read Fault Code	
Optima(JFA)	2016	USA Area	Head Lamp	Clear Fault	
Optima(JFA)	2016	USA Area	Head Lamp	Read Data	
Optima(JFA)	2016	USA Area	Head Lamp	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Optima(JFA)	2016	USA Area	Head Lamp	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Optima(JFA)	2016	USA Area	Head Lamp	Actuation Test	HLL normal position
Optima(JFA)	2016	USA Area	Head Lamp	Actuation Test	HLL(Head Lamp Leveling)Middle(Center)Position
Optima(JFA)	2016	USA Area	Head Lamp	Actuation Test	DBL(Dynamic Bending Light)Max(RH)Position
Optima(JFA)	2016	USA Area	Head Lamp	Actuation Test	DBL(Dynamic Bending Light)Middle Position-Center
Optima(JFA)	2016	USA Area	Head Lamp	Actuation Test	DBL(Dynamic Bending Light)Max(LH)Position
Optima(JFA)	2016	USA Area	Head Lamp	Actuation Test	Full AFLS BPC Test Class C
Optima(JFA)	2016	USA Area	Head Lamp	Actuation Test	Full AFLS BPC Test Class V
Optima(JFA)	2016	USA Area	Head Lamp	Actuation Test	Full AFLS BPC Test Class E
Optima(JFA)	2016	USA Area	Head Lamp	Actuation Test	Full AFLS BPC Test Class E1
Optima(JFA)	2016	USA Area	Head Lamp	Actuation Test	Full AFLS BPC Test Class E2
Optima(JFA)	2016	USA Area	Head Lamp	Actuation Test	Full AFLS BPC Test Class HIGH
Optima(JFA)	2016	USA Area	Head Lamp	Actuation Test	Full AFLS BPC Test Class W
Optima(JFA)	2016	USA Area	Head Lamp	Actuation Test	Full AFLS BPC Test LED OFF

model	year	area	system	function	subfunction
Optima(JFA)	2016	USA Area	Head Lamp	Actuation Test	SBL Function Test SBL LH ON
Optima(JFA)	2016	USA Area	Head Lamp	Actuation Test	SBL Function Test SBL RH ON
Optima(JFA)	2016	USA Area	Head Lamp	Actuation Test	SBL function Test SBL ON(ALL)
Optima(JFA)	2016	USA Area	Head Lamp	Actuation Test	LED AFLS AIM'G Mode
Optima(JFA)	2016	USA Area	Head Lamp	Special Function	Headlamp
Optima(JFA)	2016	USA Area	Head Lamp	Special Function	Parameter Setting&Zero position Initial
Optima(JFA)	2016	USA Area	Head Lamp	Special Function	Parameter Download
Optima(JFA)	2016	USA Area	IMMO(Immobilizer)	Read Fault Code	
Optima(JFA)	2016	USA Area	IMMO(Immobilizer)	Clear Fault	
Optima(JFA)	2016	USA Area	IMMO(Immobilizer)	Read Data	
Optima(JFA)	2016	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Optima(JFA)	2016	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Optima(JFA)	2016	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Optima(JFA)	2016	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Optima(JFA)	2016	USA Area	LDWS(Lane Departure Warning System)	Version Information	
Optima(JFA)	2016	USA Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Optima(JFA)	2016	USA Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Optima(JFA)	2016	USA Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Optima(JFA)	2016	USA Area	LDWS(Lane Departure Warning System)	Actuation Test	Left Mirror LED ON
Optima(JFA)	2016	USA Area	LDWS(Lane Departure Warning System)	Actuation Test	Left Mirror LED Blinking
Optima(JFA)	2016	USA Area	LDWS(Lane Departure Warning System)	Actuation Test	Right Mirror LED ON
Optima(JFA)	2016	USA Area	LDWS(Lane Departure Warning System)	Actuation Test	Right Mirror LED Blinking
Optima(JFA)	2016	USA Area	LDWS(Lane Departure Warning System)	Actuation Test	BSD Switch LED ON/OFF
Optima(JFA)	2016	USA Area	LDWS(Lane Departure Warning System)	Special Function	SPTAC Calibration
Optima(JFA)	2016	USA Area	LDWS(Lane Departure Warning System)	Special Function	SPC Calibration
Optima(JFA)	2016	USA Area	LDWS(Lane Departure Warning System)	Special Function	Variant Coding

model	year	area	system	function	subfunction
Optima(JFA)	2016	USA Area	LDWS(Lane Departure Warning System)	Special Function	BSD Radar Calibration
Optima(JFA)	2016	USA Area	MDPS(Motor Driven Power Steering)	Version Information	
Optima(JFA)	2016	USA Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Optima(JFA)	2016	USA Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Optima(JFA)	2016	USA Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Optima(JFA)	2016	USA Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Optima(JFA)	2016	USA Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Optima(JFA)	2016	USA Area	Smart Key Unit	Version	
Optima(JFA)	2016	USA Area	Smart Key Unit	Read Fault Code	
Optima(JFA)	2016	USA Area	Smart Key Unit	Clear Fault	
Optima(JFA)	2016	USA Area	Smart Key Unit	Read Data	
Optima(JFA)	2016	USA Area	Smart Key Unit	Actuation Test	SSB Illumination
Optima(JFA)	2016	USA Area	Smart Key Unit	Actuation Test	SSB LED Amber
Optima(JFA)	2016	USA Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Optima(JFA)	2016	USA Area	Smart Key Unit	Actuation Test	SSB LED White
Optima(JFA)	2016	USA Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Optima(JFA)	2016	USA Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Optima(JFA)	2016	USA Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Optima(JFA)	2016	USA Area	Smart Key Unit	Actuation Test	ACC Relay
Optima(JFA)	2016	USA Area	Smart Key Unit	Actuation Test	IGN1 Relay
Optima(JFA)	2016	USA Area	Smart Key Unit	Actuation Test	IGN2 Relay
Optima(JFA)	2016	USA Area	Smart Key Unit	Actuation Test	Starter Relay
Optima(JFA)	2016	USA Area	Smart Key Unit	Actuation Test	External Buzzer
Optima(JFA)	2016	USA Area	Smart Key Unit	Actuation Test	Key Out Indicator
Optima(JFA)	2016	USA Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Optima(JFA)	2016	USA Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Optima(JFA)	2016	USA Area	Smart Key Unit	Actuation Test	SSB LED OFF
Optima(JFA)	2016	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Optima(JFA)	2016	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Optima(JFA)	2016	USA Area	Smart Key Unit	Actuation Test	Trunk Antenna
Optima(JFA)	2016	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Optima(JFA)	2016	USA Area	Smart Key Unit	Actuation Test	Bumper Antenna Active

model	year	area	system	function	subfunction
Optima(JFA)	2016	USA Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Optima(JFA)	2016	USA Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Optima(JFA)	2016	USA Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Optima(JFA)	2016	USA Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Optima(JFA)	2016	USA Area	Smart Key Unit	Special Function	Smart Key Code Saving
Optima(JFA)	2016	USA Area	Smart Key Unit	Special Function	Neutralization Mode
Optima(JFA)	2016	USA Area	Smart Key Unit	Special Function	SMK Status Information
Optima(JFA)	2016	USA Area	Smart Key Unit	Special Function	FOB KEY Status Information
Optima(JFA)	2016	USA Area	Smart Key Unit	Special Function	Current FOB Key Check
Optima(JFA)	2016	USA Area	Smart Key Unit	Special Function	Antenna Status Check
Optima(JFA)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima(JFA)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima(JFA)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima(JFA)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima(JFA)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Body Sensor Reset
Optima(JFA)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Optima(JFA)	2016	USA Area	SVMS(Surround View Monitor System)	Version Information	
Optima(JFA)	2016	USA Area	SVMS(Surround View Monitor System)	Read Fault Code	
Optima(JFA)	2016	USA Area	SVMS(Surround View Monitor System)	Clear Fault Memory	
Optima(JFA)	2016	USA Area	SVMS(Surround View Monitor System)	Read Data Stream	

model	year	area	system	function	subfunction
Optima(JFA)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-SVM View
Optima(JFA)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Front-SVM View
Optima(JFA)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Left View
Optima(JFA)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Left View
Optima(JFA)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Right View
Optima(JFA)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Right View
Optima(JFA)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Wide View
Optima(JFA)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Wide View
Optima(JFA)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 25%
Optima(JFA)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 100%
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Version Information	
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Clutch Reference Position Check
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Clutch(20mm)
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Clutch(20mm)
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Engage Both Clutch(20mm)
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Self Opening of Odd Clutch
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Self Opening of Even Clutch
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Gear Actuator Reference Check
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(1st Gear)
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(2nd Gear)

model	year	area	system	function	subfunction
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(3rd Gear)
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(4th Gear)
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(5th Gear)
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(6th Gear)
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Engage Odd Gear(7th Gear)
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Engage Even Gear(R Gear)
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Gear Neutral
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Lug Alignment
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Gear Lamp
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear Lamp
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear Lamp

model	year	area	system	function	subfunction
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Gear Lamp
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Gear Lamp
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	6th Gear Lamp
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Special Function	DCT Learning Function
Optima(JFA)	2016	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Optima(JFA)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Optima(JFA)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Optima(JFA)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Optima(JFA)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Optima(JFA)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Optima(JFA)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Optima(JFA)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Version	
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Read Fault Code	
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Clear Fault	
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Read Data	
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent

model	year	area	system	function	subfunction
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Optima(MG)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close

model	year	area	system	function	subfunction
Optima(MG)	2010	USA Area	BCM(Body Control Module)	Version Information	
Optima(MG)	2010	USA Area	BCM(Body Control Module)	Read Data Stream	
Optima(MG)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Lock relay
Optima(MG)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Unlock relay
Optima(MG)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Driver Unlock Relay
Optima(MG)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Trunk Release Relay
Optima(MG)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Optima(MG)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Optima(MG)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Optima(MG)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Optima(MG)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Starter Inhibit Relay
Optima(MG)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay/DRL Unit
Optima(MG)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Relay
Optima(MG)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Optima(MG)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Optima(MG)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Optima(MG)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Optima(MG)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Chime buzzer(Door
Optima(MG)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Optima(MG)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Key Solenoid(Manual Key Type)
Optima(MG)	2010	USA Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid(Automatic Transmission)

model	year	area	system	function	subfunction
Optima(MG)	2010	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Optima(MG)	2010	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Version Information	
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Read Fault Code	
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Read Data Stream	
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard

model	year	area	system	function	subfunction
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Special Function	CVVT Test
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Optima(MG)	2010	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Optima(MG)	2010	USA Area	ECS(Electronic Control Suspension)	Version Information	
Optima(MG)	2010	USA Area	ECS(Electronic Control Suspension)	Read Fault Code	
Optima(MG)	2010	USA Area	ECS(Electronic Control Suspension)	Clear Fault Memory	
Optima(MG)	2010	USA Area	ECS(Electronic Control Suspension)	Read Data Stream	
Optima(MG)	2010	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Atuator Control-Soft
Optima(MG)	2010	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Atuator Control-Medium
Optima(MG)	2010	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Atuator Control-Hard
Optima(MG)	2010	USA Area	EPS(Electronic Power Steering)	Version Information	
Optima(MG)	2010	USA Area	EPS(Electronic Power Steering)	Read Fault Code	
Optima(MG)	2010	USA Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Optima(MG)	2010	USA Area	EPS(Electronic Power Steering)	Read Data Stream	
Optima(MG)	2010	USA Area	ESP(Electronic Stability Program)	Version Information	

model	year	area	system	function	subfunction
Optima(MG)	2010	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Optima(MG)	2010	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Optima(MG)	2010	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Optima(MG)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Optima(MG)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Optima(MG)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Optima(MG)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Optima(MG)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Optima(MG)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Optima(MG)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Optima(MG)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Optima(MG)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Optima(MG)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Optima(MG)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Optima(MG)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	ASV Valve-Left Front
Optima(MG)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	ASV Valve-Right Front
Optima(MG)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Left
Optima(MG)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Right
Optima(MG)	2010	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Optima(MG)	2010	USA Area	IMMO(Immobilizer)	Read Data	
Optima(MG)	2010	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Optima(MG)	2010	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Optima(MG)	2010	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Optima(MG)	2010	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Optima(MG)	2010	USA Area	IMMO(Immobilizer)	Special Function	Teaching

model	year	area	system	function	subfunction
Optima(MG)	2010	USA Area	Smart Key	Version	
Optima(MG)	2010	USA Area	Smart Key	Read Fault Code	
Optima(MG)	2010	USA Area	Smart Key	Clear Fault	
Optima(MG)	2010	USA Area	Smart Key	Read Data	
Optima(MG)	2010	USA Area	Smart Key	Actuation Test	SSB LED Amber
Optima(MG)	2010	USA Area	Smart Key	Actuation Test	SSB LED Blue/Green
Optima(MG)	2010	USA Area	Smart Key	Actuation Test	FOB holder illumination
Optima(MG)	2010	USA Area	Smart Key	Actuation Test	SSB illumination
Optima(MG)	2010	USA Area	Smart Key	Actuation Test	ACC Relay
Optima(MG)	2010	USA Area	Smart Key	Actuation Test	IGN1 Relay
Optima(MG)	2010	USA Area	Smart Key	Actuation Test	IGN2 Relay
Optima(MG)	2010	USA Area	Smart Key	Actuation Test	START Relay
Optima(MG)	2010	USA Area	Smart Key	Actuation Test	Perform ESCL Open Check
Optima(MG)	2010	USA Area	Smart Key	Actuation Test	External Buzzer
Optima(MG)	2010	USA Area	Smart Key	Actuation Test	Interior Antenna
Optima(MG)	2010	USA Area	Smart Key	Actuation Test	Interior Antenna
Optima(MG)	2010	USA Area	Smart Key	Actuation Test	Trunk/Tailgate Antenna Active
Optima(MG)	2010	USA Area	Smart Key	Actuation Test	Bumper/Tail Gate Antenna
Optima(MG)	2010	USA Area	Smart Key	Actuation Test	Driver Door Handle Antenna
Optima(MG)	2010	USA Area	Smart Key	Actuation Test	Right Door Handle Antenna
Optima(MG)	2010	USA Area	Smart Key	Actuation Test	Key Out Indicator
Optima(MG)	2010	USA Area	Smart Key	Actuation Test	Immobilizer Indicator
Optima(MG)	2010	USA Area	Smart Key	Special Function	ESCL Open Status Check
Optima(MG)	2010	USA Area	Smart Key	Special Function	Neutralization Mode
Optima(MG)	2010	USA Area	Smart Key	Special Function	SMK Status Information
Optima(MG)	2010	USA Area	Smart Key	Special Function	TP Status Information
Optima(MG)	2010	USA Area	Smart Key	Special Function	PDM Status Information
Optima(MG)	2010	USA Area	Smart Key	Special Function	FOB KEY Status Information
Optima(MG)	2010	USA Area	Smart Key	Special Function	Serial Communication Line Check

model	year	area	system	function	subfunction
Optima(MG)	2010	USA Area	Smart Key	Special Function	Antenna Status Check
Optima(MG)	2010	USA Area	Smart Key	Special Function	ESCL Status Information
Optima(MG)	2010	USA Area	Smart Key	Special Function	Smart Key Code Saving
Optima(MG)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima(MG)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima(MG)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima(MG)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima(MG)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Optima(MG)	2010	USA Area	TCM(Transmission Control Module)	Version Information	
Optima(MG)	2010	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Optima(MG)	2010	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima(MG)	2010	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Optima(MG)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Optima(MG)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima(MG)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Optima(MG)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Optima(MG)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Optima(MG)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Optima(MG)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Optima(MG)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay(5A/T ONLY)

model	year	area	system	function	subfunction
Optima(MG)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Optima(MG)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima(MG)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima(MG)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Optima(MG)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Optima(MG)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Optima(MG)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Optima(MG)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Optima(MG)	2010	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Optima(MG)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Optima(MG)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Optima(MG)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Optima(MG)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Optima(MG)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Optima(MG)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Optima(MG)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Optima(MG)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Optima(MG)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Optima(MG)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Optima(MG)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Version	
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Read Fault Code	
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Clear Fault	
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Read Data	
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off

model	year	area	system	function	subfunction
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost

model	year	area	system	function	subfunction
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Optima(MG)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Optima(MG)	2009	USA Area	BCM(Body Control Module)	Version Information	
Optima(MG)	2009	USA Area	BCM(Body Control Module)	Read Data Stream	
Optima(MG)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Lock relay
Optima(MG)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Unlock relay
Optima(MG)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Driver Unlock Relay
Optima(MG)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Trunk Release Relay
Optima(MG)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Optima(MG)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Optima(MG)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Optima(MG)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Optima(MG)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Starter Inhibit Relay
Optima(MG)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay/DRL Unit
Optima(MG)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Relay
Optima(MG)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Optima(MG)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay

model	year	area	system	function	subfunction
Optima(MG)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Optima(MG)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Optima(MG)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Optima(MG)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Chime buzzer(Door
Optima(MG)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Optima(MG)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Key Solenoid
Optima(MG)	2009	USA Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Optima(MG)	2009	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Optima(MG)	2009	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Version Information	
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Read Fault Code	
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Read Data Stream	
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High

model	year	area	system	function	subfunction
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High

model	year	area	system	function	subfunction
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Special Function	CVVT Test
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Optima(MG)	2009	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Optima(MG)	2009	USA Area	ECS(Electronic Control Suspension)	Version Information	
Optima(MG)	2009	USA Area	ECS(Electronic Control Suspension)	Read Fault Code	
Optima(MG)	2009	USA Area	ECS(Electronic Control Suspension)	Clear Fault Memory	
Optima(MG)	2009	USA Area	ECS(Electronic Control Suspension)	Read Data Stream	

model	year	area	system	function	subfunction
Optima(MG)	2009	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Atuator Control-Soft
Optima(MG)	2009	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Atuator Control-Medium
Optima(MG)	2009	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Atuator Control-Hard
Optima(MG)	2009	USA Area	EPS(Electronic Power Steering)	Version Information	
Optima(MG)	2009	USA Area	EPS(Electronic Power Steering)	Read Fault Code	
Optima(MG)	2009	USA Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Optima(MG)	2009	USA Area	EPS(Electronic Power Steering)	Read Data Stream	
Optima(MG)	2009	USA Area	ESP(Electronic Stability Program)	Version Information	
Optima(MG)	2009	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Optima(MG)	2009	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Optima(MG)	2009	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Optima(MG)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Optima(MG)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Optima(MG)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Optima(MG)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Optima(MG)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Optima(MG)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Optima(MG)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Optima(MG)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Optima(MG)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Optima(MG)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Optima(MG)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Optima(MG)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	ASV Valve-Left Front

model	year	area	system	function	subfunction
Optima(MG)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	ASV Valve-Right Front
Optima(MG)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Left
Optima(MG)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Right
Optima(MG)	2009	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Optima(MG)	2009	USA Area	IMMO(Immobilizer)	Read Data	
Optima(MG)	2009	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Optima(MG)	2009	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Optima(MG)	2009	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Optima(MG)	2009	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Optima(MG)	2009	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Optima(MG)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima(MG)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima(MG)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima(MG)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima(MG)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Optima(MG)	2009	USA Area	TCM(Transmission Control Module)	Version Information	
Optima(MG)	2009	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Optima(MG)	2009	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima(MG)	2009	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Optima(MG)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Optima(MG)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima(MG)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve

model	year	area	system	function	subfunction
Optima(MG)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Optima(MG)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Optima(MG)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Optima(MG)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Optima(MG)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay(5A/T ONLY)
Optima(MG)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Optima(MG)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima(MG)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima(MG)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Optima(MG)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Optima(MG)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Optima(MG)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Optima(MG)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Optima(MG)	2009	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Optima(MG)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Optima(MG)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Optima(MG)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Optima(MG)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Optima(MG)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Optima(MG)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Optima(MG)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Optima(MG)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Optima(MG)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing

model	year	area	system	function	subfunction
Optima(MG)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Optima(MG)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Version	
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Read Fault Code	
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Clear Fault	
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Read Data	
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%

model	year	area	system	function	subfunction
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Optima(MG)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Optima(MG)	2008	USA Area	BCM(Body Control Module)	Version Information	
Optima(MG)	2008	USA Area	BCM(Body Control Module)	Read Data Stream	
Optima(MG)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Lock relay
Optima(MG)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Unlock relay
Optima(MG)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Optima(MG)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Trunk Release Relay
Optima(MG)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Optima(MG)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Optima(MG)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Optima(MG)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay

model	year	area	system	function	subfunction
Optima(MG)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Starter Inhibit Relay
Optima(MG)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay/DRL Unit
Optima(MG)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Relay
Optima(MG)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Optima(MG)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Optima(MG)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Optima(MG)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Optima(MG)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Optima(MG)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Chime buzzer(Door
Optima(MG)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Optima(MG)	2008	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Optima(MG)	2008	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Version Information	
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Read Fault Code	
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Read Data Stream	
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay

model	year	area	system	function	subfunction
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Clocked
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve

model	year	area	system	function	subfunction
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Special Function	CVVT Test
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Optima(MG)	2008	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Optima(MG)	2008	USA Area	ECS(Electronic Control Suspension)	Version Information	
Optima(MG)	2008	USA Area	ECS(Electronic Control Suspension)	Read Fault Code	
Optima(MG)	2008	USA Area	ECS(Electronic Control Suspension)	Clear Fault Memory	
Optima(MG)	2008	USA Area	ECS(Electronic Control Suspension)	Read Data Stream	
Optima(MG)	2008	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Atuator Control-Soft
Optima(MG)	2008	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Atuator Control-Medium
Optima(MG)	2008	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Atuator Control-Hard
Optima(MG)	2008	USA Area	EPS(Electronic Power Steering)	Version Information	
Optima(MG)	2008	USA Area	EPS(Electronic Power Steering)	Read Fault Code	

model	year	area	system	function	subfunction
Optima(MG)	2008	USA Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Optima(MG)	2008	USA Area	EPS(Electronic Power Steering)	Read Data Stream	
Optima(MG)	2008	USA Area	ESP(Electronic Stability Program)	Version Information	
Optima(MG)	2008	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Optima(MG)	2008	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Optima(MG)	2008	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Optima(MG)	2008	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Optima(MG)	2008	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Optima(MG)	2008	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Optima(MG)	2008	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Optima(MG)	2008	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Optima(MG)	2008	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Optima(MG)	2008	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Optima(MG)	2008	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Optima(MG)	2008	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Optima(MG)	2008	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Optima(MG)	2008	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Optima(MG)	2008	USA Area	ESP(Electronic Stability Program)	Actuation Test	ASV Valve-Left Front
Optima(MG)	2008	USA Area	ESP(Electronic Stability Program)	Actuation Test	ASV Valve-Right Front
Optima(MG)	2008	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Left
Optima(MG)	2008	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Right
Optima(MG)	2008	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Optima(MG)	2008	USA Area	IMMO(Immobilizer)	Read Data	

model	year	area	system	function	subfunction
Optima(MG)	2008	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Optima(MG)	2008	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Optima(MG)	2008	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Optima(MG)	2008	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Optima(MG)	2008	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Optima(MG)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima(MG)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima(MG)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima(MG)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima(MG)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Optima(MG)	2008	USA Area	TCM(Transmission Control Module)	Version Information	
Optima(MG)	2008	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Optima(MG)	2008	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima(MG)	2008	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Optima(MG)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Optima(MG)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima(MG)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Optima(MG)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Optima(MG)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Optima(MG)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Optima(MG)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve

model	year	area	system	function	subfunction
Optima(MG)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay(5A/T ONLY)
Optima(MG)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Optima(MG)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima(MG)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima(MG)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Optima(MG)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Optima(MG)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Optima(MG)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Optima(MG)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Optima(MG)	2008	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Optima(MG)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Optima(MG)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Optima(MG)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Optima(MG)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Optima(MG)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Optima(MG)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Optima(MG)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Optima(MG)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Optima(MG)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Optima(MG)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Optima(MG)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Version	
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Read Fault Code	
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Clear Fault	
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Read Data	

model	year	area	system	function	subfunction
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot

model	year	area	system	function	subfunction
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Optima(MG)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Optima(MG)	2007	USA Area	BCM(Body Control Module)	Version Information	
Optima(MG)	2007	USA Area	BCM(Body Control Module)	Read Data Stream	
Optima(MG)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Lock relay
Optima(MG)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Unlock relay
Optima(MG)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Optima(MG)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Trunk Release Relay
Optima(MG)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Optima(MG)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Optima(MG)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Optima(MG)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Optima(MG)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Starter Inhibit Relay
Optima(MG)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay/DRL Unit
Optima(MG)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Relay
Optima(MG)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay

model	year	area	system	function	subfunction
Optima(MG)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Optima(MG)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Optima(MG)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Optima(MG)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Optima(MG)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Chime buzzer(Door
Optima(MG)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Optima(MG)	2007	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Optima(MG)	2007	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Version Information	
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Read Fault Code	
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Read Data Stream	
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Clocked
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values

model	year	area	system	function	subfunction
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Special Function	CVVT Test
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Optima(MG)	2007	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Optima(MG)	2007	USA Area	ECS(Electronic Control Suspension)	Version Information	
Optima(MG)	2007	USA Area	ECS(Electronic Control Suspension)	Read Fault Code	
Optima(MG)	2007	USA Area	ECS(Electronic Control Suspension)	Clear Fault Memory	
Optima(MG)	2007	USA Area	ECS(Electronic Control Suspension)	Read Data Stream	
Optima(MG)	2007	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Atuator Control-Soft
Optima(MG)	2007	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Atuator Control-Medium
Optima(MG)	2007	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Atuator Control-Hard
Optima(MG)	2007	USA Area	EPS(Electronic Power Steering)	Version Information	
Optima(MG)	2007	USA Area	EPS(Electronic Power Steering)	Read Fault Code	
Optima(MG)	2007	USA Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Optima(MG)	2007	USA Area	EPS(Electronic Power Steering)	Read Data Stream	
Optima(MG)	2007	USA Area	ESP(Electronic Stability Program)	Version Information	
Optima(MG)	2007	USA Area	ESP(Electronic Stability Program)	Read Fault Code	

model	year	area	system	function	subfunction
Optima(MG)	2007	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Optima(MG)	2007	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Optima(MG)	2007	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Optima(MG)	2007	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Optima(MG)	2007	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Optima(MG)	2007	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Optima(MG)	2007	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Optima(MG)	2007	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Optima(MG)	2007	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Optima(MG)	2007	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Optima(MG)	2007	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Optima(MG)	2007	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Optima(MG)	2007	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Optima(MG)	2007	USA Area	ESP(Electronic Stability Program)	Actuation Test	ASV Valve-Left Front
Optima(MG)	2007	USA Area	ESP(Electronic Stability Program)	Actuation Test	ASV Valve-Right Front
Optima(MG)	2007	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Left
Optima(MG)	2007	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Right
Optima(MG)	2007	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Optima(MG)	2007	USA Area	IMMO(Immobilizer)	Read Data	
Optima(MG)	2007	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Optima(MG)	2007	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Optima(MG)	2007	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Optima(MG)	2007	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Optima(MG)	2007	USA Area	IMMO(Immobilizer)	Special Function	Teaching

model	year	area	system	function	subfunction
Optima(MG)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima(MG)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima(MG)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima(MG)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima(MG)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Optima(MG)	2007	USA Area	TCM(Transmission Control Module)	Version Information	
Optima(MG)	2007	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Optima(MG)	2007	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima(MG)	2007	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Optima(MG)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Optima(MG)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima(MG)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Optima(MG)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Optima(MG)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Optima(MG)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Optima(MG)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Optima(MG)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay(5A/T ONLY)
Optima(MG)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Optima(MG)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima(MG)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-

model	year	area	system	function	subfunction
Optima(MG)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Optima(MG)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Optima(MG)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Optima(MG)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Optima(MG)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Optima(MG)	2007	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Optima(MG)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Optima(MG)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Optima(MG)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Optima(MG)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Optima(MG)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Optima(MG)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Optima(MG)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Optima(MG)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Optima(MG)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Optima(MG)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Optima(MG)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Version	
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Read Fault Code	
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Clear Fault	
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Read Data	
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium

model	year	area	system	function	subfunction
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%

model	year	area	system	function	subfunction
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Optima(MG)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Optima(MG)	2006	USA Area	BCM(Body Control Module)	Version Information	
Optima(MG)	2006	USA Area	BCM(Body Control Module)	Read Data Stream	
Optima(MG)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Lock relay
Optima(MG)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Unlock relay
Optima(MG)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Optima(MG)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Trunk Release Relay
Optima(MG)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Optima(MG)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Optima(MG)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Optima(MG)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Optima(MG)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Starter Inhibit Relay
Optima(MG)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay/DRL Unit
Optima(MG)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Relay
Optima(MG)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Optima(MG)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Optima(MG)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Optima(MG)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)

model	year	area	system	function	subfunction
Optima(MG)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Optima(MG)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Chime buzzer(Door
Optima(MG)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Optima(MG)	2006	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Optima(MG)	2006	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Version Information	
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Read Fault Code	
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Read Data Stream	
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High

model	year	area	system	function	subfunction
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Clocked
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Clutch
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	TPS Min Learnt Reset
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Special Function	CVVT Test
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type

model	year	area	system	function	subfunction
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Optima(MG)	2006	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Optima(MG)	2006	USA Area	ECS(Electronic Control Suspension)	Version Information	
Optima(MG)	2006	USA Area	ECS(Electronic Control Suspension)	Read Fault Code	
Optima(MG)	2006	USA Area	ECS(Electronic Control Suspension)	Clear Fault Memory	
Optima(MG)	2006	USA Area	ECS(Electronic Control Suspension)	Read Data Stream	
Optima(MG)	2006	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Atuator Control-Soft
Optima(MG)	2006	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Atuator Control-Medium
Optima(MG)	2006	USA Area	ECS(Electronic Control Suspension)	Actuation Test	Atuator Control-Hard
Optima(MG)	2006	USA Area	EPS(Electronic Power Steering)	Version Information	
Optima(MG)	2006	USA Area	EPS(Electronic Power Steering)	Read Fault Code	
Optima(MG)	2006	USA Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Optima(MG)	2006	USA Area	EPS(Electronic Power Steering)	Read Data Stream	
Optima(MG)	2006	USA Area	ESP(Electronic Stability Program)	Version Information	
Optima(MG)	2006	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Optima(MG)	2006	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Optima(MG)	2006	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Optima(MG)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Optima(MG)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Optima(MG)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Optima(MG)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Optima(MG)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear

model	year	area	system	function	subfunction
Optima(MG)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Optima(MG)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Optima(MG)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Optima(MG)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Optima(MG)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Optima(MG)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Optima(MG)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	ASV Valve-Left Front
Optima(MG)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	ASV Valve-Right Front
Optima(MG)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Left
Optima(MG)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Right
Optima(MG)	2006	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Optima(MG)	2006	USA Area	IMMO(Immobilizer)	Read Data	
Optima(MG)	2006	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Optima(MG)	2006	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Optima(MG)	2006	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Optima(MG)	2006	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Optima(MG)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima(MG)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima(MG)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima(MG)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima(MG)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Optima(MG)	2006	USA Area	TCM(Transmission Control Module)	Version Information	

model	year	area	system	function	subfunction
Optima(MG)	2006	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Optima(MG)	2006	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima(MG)	2006	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Optima(MG)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	LR/DIR Solenoid Valve
Optima(MG)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima(MG)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Solenoid Valve(SCSV C)
Optima(MG)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Solenoid
Optima(MG)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(SCSV-E)
Optima(MG)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Optima(MG)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Optima(MG)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Prohibit Inteligent Shift
Optima(MG)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Relay
Optima(MG)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)- Left Rear
Optima(MG)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve
Optima(MG)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Optima(MG)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Optima(MG)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Optima(MG)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Optima(MG)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp
Optima(MG)	2006	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Optima(MG)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Optima(MG)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	

model	year	area	system	function	subfunction
Optima(MG)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Optima(MG)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Optima(MG)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Optima(MG)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Optima(MG)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Optima(MG)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Optima(MG)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Optima(MG)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Optima(MG)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Optima(MS)	2006	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Optima(MS)	2006	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Optima(MS)	2006	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Optima(MS)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Relay
Optima(MS)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Optima(MS)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Optima(MS)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Optima(MS)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Optima(MS)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Optima(MS)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Optima(MS)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Optima(MS)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Optima(MS)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	USV1
Optima(MS)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	USV2

model	year	area	system	function	subfunction
Optima(MS)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV1
Optima(MS)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV2
Optima(MS)	2006	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Optima(MS)	2006	USA Area	ABS(Anti-Lock Brake System)	Special Function	Solenoid Valve Test
Optima(MS)	2006	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Version Information	
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Read Fault Code	
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Read Data Stream	
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Purge Control Solenoid Valve
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay

model	year	area	system	function	subfunction
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	ISA Valve
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,5
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#3,6
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Adjust Mode
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Special Function	PCSV Valve Test
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Special Function	Front Oxygen Short-trip Test
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Special Function	Ignition Test
Optima(MS)	2006	USA Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode

model	year	area	system	function	subfunction
Optima(MS)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima(MS)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima(MS)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima(MS)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima(MS)	2006	USA Area	TCM(Transmission Control Module)	Version Information	
Optima(MS)	2006	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Optima(MS)	2006	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima(MS)	2006	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Optima(MS)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Optima(MS)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima(MS)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima(MS)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima(MS)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Optima(MS)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Optima(MS)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp(Sport Only)
Optima(MS)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator
Optima(MS)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp(Sport Only)
Optima(MS)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp(Sport Only)
Optima(MS)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Sport Only)
Optima(MS)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit

model	year	area	system	function	subfunction
Optima(MS)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Optima(MS)	2006	USA Area	TCM(Transmission Control Module)	Special Function	Init of TCU Learning
Optima(MS)	2005	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Optima(MS)	2005	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Optima(MS)	2005	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Optima(MS)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Relay
Optima(MS)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Optima(MS)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Optima(MS)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Optima(MS)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Optima(MS)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Optima(MS)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Optima(MS)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Optima(MS)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Optima(MS)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	USV1
Optima(MS)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	USV2
Optima(MS)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV1
Optima(MS)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV2
Optima(MS)	2005	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Optima(MS)	2005	USA Area	ABS(Anti-Lock Brake System)	Special Function	Solenoid Valve Test
Optima(MS)	2005	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Version Information	
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Read Data Stream	
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Purge Control Solenoid Valve
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	ISA Valve
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4

model	year	area	system	function	subfunction
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,5
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#3,6
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Adjust Mode
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Special Function	PCSV Valve Test
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Special Function	Front Oxygen Short-trip Test
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Special Function	Ignition Test
Optima(MS)	2005	USA Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Optima(MS)	2005	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima(MS)	2005	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima(MS)	2005	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima(MS)	2005	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima(MS)	2005	USA Area	TCM(Transmission Control Module)	Version Information	
Optima(MS)	2005	USA Area	TCM(Transmission Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Optima(MS)	2005	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima(MS)	2005	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Optima(MS)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Optima(MS)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima(MS)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima(MS)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima(MS)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Optima(MS)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Optima(MS)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp(Sport Only)
Optima(MS)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator
Optima(MS)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp(Sport Only)
Optima(MS)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp(Sport Only)
Optima(MS)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Sport Only)
Optima(MS)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Optima(MS)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Optima(MS)	2005	USA Area	TCM(Transmission Control Module)	Special Function	Init of TCU Learning
Optima(MS)	2004	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Optima(MS)	2004	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Optima(MS)	2004	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Optima(MS)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Relay
Optima(MS)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Optima(MS)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front

model	year	area	system	function	subfunction
Optima(MS)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Optima(MS)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Optima(MS)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Optima(MS)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Optima(MS)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Optima(MS)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Optima(MS)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	USV1
Optima(MS)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	USV2
Optima(MS)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV1
Optima(MS)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV2
Optima(MS)	2004	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Optima(MS)	2004	USA Area	ABS(Anti-Lock Brake System)	Special Function	Solenoid Valve Test
Optima(MS)	2004	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Version Information	
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Read Fault Code	
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Read Data Stream	
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Purge Control Solenoid Valve

model	year	area	system	function	subfunction
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	ISA Valve
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,5
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#3,6
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Special Function	PCSV Valve Test

model	year	area	system	function	subfunction
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Special Function	Front Oxygen Short-trip Test
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Special Function	Ignition Test
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Optima(MS)	2004	USA Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Optima(MS)	2004	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima(MS)	2004	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima(MS)	2004	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima(MS)	2004	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima(MS)	2004	USA Area	TCM(Transmission Control Module)	Version Information	
Optima(MS)	2004	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Optima(MS)	2004	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima(MS)	2004	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Optima(MS)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Optima(MS)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima(MS)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Solenoid Valve(SCSV C)
Optima(MS)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Solenoid
Optima(MS)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Optima(MS)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Optima(MS)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	HIVEC Control
Optima(MS)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay

model	year	area	system	function	subfunction
Optima(MS)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp(Sport Only)
Optima(MS)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator
Optima(MS)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp(Sport Only)
Optima(MS)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp(Sport Only)
Optima(MS)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Sport Only)
Optima(MS)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Optima(MS)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima(MS)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima(MS)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Optima(MS)	2003	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Optima(MS)	2003	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Optima(MS)	2003	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Optima(MS)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Relay
Optima(MS)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Optima(MS)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Optima(MS)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Optima(MS)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Optima(MS)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Optima(MS)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Optima(MS)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Optima(MS)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Optima(MS)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	USV1
Optima(MS)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	USV2

model	year	area	system	function	subfunction
Optima(MS)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV1
Optima(MS)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV2
Optima(MS)	2003	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Optima(MS)	2003	USA Area	ABS(Anti-Lock Brake System)	Special Function	Solenoid Valve Test
Optima(MS)	2003	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Version Information	
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Read Fault Code	
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Read Data Stream	
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Purge Control Solenoid Valve
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay

model	year	area	system	function	subfunction
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	ISA Valve
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,5
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#3,6
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Special Function	PCSV Valve Test
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Special Function	Front Oxygen Short-trip Test
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Special Function	Ignition Test
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Optima(MS)	2003	USA Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Optima(MS)	2003	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima(MS)	2003	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	

model	year	area	system	function	subfunction
Optima(MS)	2003	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima(MS)	2003	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima(MS)	2003	USA Area	TCM(Transmission Control Module)	Version Information	
Optima(MS)	2003	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Optima(MS)	2003	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima(MS)	2003	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Optima(MS)	2003	USA Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Optima(MS)	2003	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima(MS)	2003	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Solenoid Valve(SCSV C)
Optima(MS)	2003	USA Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Solenoid
Optima(MS)	2003	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Optima(MS)	2003	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Optima(MS)	2003	USA Area	TCM(Transmission Control Module)	Actuation Test	HIVEC Control
Optima(MS)	2003	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Optima(MS)	2003	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp(Sport Only)
Optima(MS)	2003	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator
Optima(MS)	2003	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp(Sport Only)
Optima(MS)	2003	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp(Sport Only)
Optima(MS)	2003	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Sport Only)
Optima(MS)	2003	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Optima(MS)	2003	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-

model	year	area	system	function	subfunction
Optima(MS)	2003	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima(MS)	2003	USA Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Optima(MS)	2002	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Optima(MS)	2002	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Optima(MS)	2002	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Optima(MS)	2002	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Optima(MS)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Relay
Optima(MS)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Optima(MS)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Optima(MS)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Optima(MS)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Optima(MS)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Optima(MS)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Optima(MS)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Optima(MS)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Optima(MS)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	USV1
Optima(MS)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	USV2
Optima(MS)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV1
Optima(MS)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV2
Optima(MS)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Optima(MS)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Optima(MS)	2002	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Optima(MS)	2002	USA Area	ABS(Anti-Lock Brake System)	Special Function	Solenoid Valve Test

model	year	area	system	function	subfunction
Optima(MS)	2002	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima(MS)	2002	USA Area	ECM(Engine Control Module)	Version Information	
Optima(MS)	2002	USA Area	ECM(Engine Control Module)	Read Fault Code	
Optima(MS)	2002	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima(MS)	2002	USA Area	ECM(Engine Control Module)	Read Data Stream	
Optima(MS)	2002	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima(MS)	2002	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima(MS)	2002	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima(MS)	2002	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima(MS)	2002	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Optima(MS)	2002	USA Area	ECM(Engine Control Module)	Actuation Test	Purge Control Solenoid Valve
Optima(MS)	2002	USA Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Optima(MS)	2002	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Optima(MS)	2002	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Optima(MS)	2002	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Optima(MS)	2002	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Optima(MS)	2002	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima(MS)	2002	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima(MS)	2002	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima(MS)	2002	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Optima(MS)	2002	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Optima(MS)	2002	USA Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve

model	year	area	system	function	subfunction
Optima(MS)	2002	USA Area	ECM(Engine Control Module)	Actuation Test	ISA Valve
Optima(MS)	2002	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Optima(MS)	2002	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,5
Optima(MS)	2002	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#3,6
Optima(MS)	2002	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima(MS)	2002	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima(MS)	2002	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Optima(MS)	2002	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Optima(MS)	2002	USA Area	ECM(Engine Control Module)	Special Function	PCSV Valve Test
Optima(MS)	2002	USA Area	ECM(Engine Control Module)	Special Function	Front Oxygen Short-trip Test
Optima(MS)	2002	USA Area	ECM(Engine Control Module)	Special Function	Ignition Test
Optima(MS)	2002	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Optima(MS)	2002	USA Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Optima(MS)	2002	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima(MS)	2002	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima(MS)	2002	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima(MS)	2002	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima(MS)	2002	USA Area	TCM(Transmission Control Module)	Version Information	
Optima(MS)	2002	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Optima(MS)	2002	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Optima(MS)	2002	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Optima(MS)	2002	USA Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Optima(MS)	2002	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima(MS)	2002	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Solenoid Valve(SCSV C)
Optima(MS)	2002	USA Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Solenoid
Optima(MS)	2002	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Optima(MS)	2002	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Optima(MS)	2002	USA Area	TCM(Transmission Control Module)	Actuation Test	HIVEC Control
Optima(MS)	2002	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Optima(MS)	2002	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp(Sport Only)
Optima(MS)	2002	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator
Optima(MS)	2002	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp(Sport Only)
Optima(MS)	2002	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp(Sport Only)
Optima(MS)	2002	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Sport Only)
Optima(MS)	2002	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Optima(MS)	2002	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima(MS)	2002	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima(MS)	2002	USA Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Optima(MS)	2001	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Optima(MS)	2001	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Optima(MS)	2001	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Optima(MS)	2001	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	

model	year	area	system	function	subfunction
Optima(MS)	2001	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Relay
Optima(MS)	2001	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Optima(MS)	2001	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Optima(MS)	2001	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Optima(MS)	2001	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Optima(MS)	2001	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Optima(MS)	2001	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Optima(MS)	2001	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Optima(MS)	2001	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Optima(MS)	2001	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Optima(MS)	2001	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Optima(MS)	2001	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Optima(MS)	2001	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima(MS)	2001	USA Area	ECM(Engine Control Module)	Version Information	
Optima(MS)	2001	USA Area	ECM(Engine Control Module)	Read Fault Code	
Optima(MS)	2001	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima(MS)	2001	USA Area	ECM(Engine Control Module)	Read Data Stream	
Optima(MS)	2001	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima(MS)	2001	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima(MS)	2001	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima(MS)	2001	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima(MS)	2001	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Optima(MS)	2001	USA Area	ECM(Engine Control Module)	Actuation Test	Purge Control Solenoid Valve

model	year	area	system	function	subfunction
Optima(MS)	2001	USA Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation Solenoid Valve
Optima(MS)	2001	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Optima(MS)	2001	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Optima(MS)	2001	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Optima(MS)	2001	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Optima(MS)	2001	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima(MS)	2001	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima(MS)	2001	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima(MS)	2001	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Optima(MS)	2001	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Optima(MS)	2001	USA Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Optima(MS)	2001	USA Area	ECM(Engine Control Module)	Actuation Test	ISC Valve
Optima(MS)	2001	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Optima(MS)	2001	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,5
Optima(MS)	2001	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#3,6
Optima(MS)	2001	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima(MS)	2001	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima(MS)	2001	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Optima(MS)	2001	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Optima(MS)	2001	USA Area	ECM(Engine Control Module)	Special Function	PCSV Valve Test
Optima(MS)	2001	USA Area	ECM(Engine Control Module)	Special Function	Front Oxygen Short-trip Test

model	year	area	system	function	subfunction
Optima(MS)	2001	USA Area	ECM(Engine Control Module)	Special Function	Ignition Test
Optima(MS)	2001	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Optima(MS)	2001	USA Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Optima(MS)	2001	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima(MS)	2001	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima(MS)	2001	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima(MS)	2001	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima(MS)	2001	USA Area	TCM(Transmission Control Module)	Version Information	
Optima(MS)	2001	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Optima(MS)	2001	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima(MS)	2001	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Optima(MS)	2001	USA Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Optima(MS)	2001	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima(MS)	2001	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Solenoid Valve(SCSV C)
Optima(MS)	2001	USA Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Solenoid
Optima(MS)	2001	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Optima(MS)	2001	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Optima(MS)	2001	USA Area	TCM(Transmission Control Module)	Actuation Test	HIVEC Control
Optima(MS)	2001	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Optima(MS)	2001	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp(Sport Only)

model	year	area	system	function	subfunction
Optima(MS)	2001	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator
Optima(MS)	2001	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp(Sport Only)
Optima(MS)	2001	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp(Sport Only)
Optima(MS)	2001	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Sport Only)
Optima(MS)	2001	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Optima(MS)	2001	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima(MS)	2001	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Optima(MS)	2001	USA Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Optima(TF/QF)	2015	USA Area	AC(Air Conditioning)	Version Information	
Optima(TF/QF)	2015	USA Area	AC(Air Conditioning)	Read Fault Code	
Optima(TF/QF)	2015	USA Area	AC(Air Conditioning)	Clear Fault Memory	
Optima(TF/QF)	2015	USA Area	AC(Air Conditioning)	Read Data Stream	
Optima(TF/QF)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Optima(TF/QF)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Optima(TF/QF)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Optima(TF/QF)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Optima(TF/QF)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Optima(TF/QF)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Optima(TF/QF)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Optima(TF/QF)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Optima(TF/QF)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Optima(TF/QF)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh

model	year	area	system	function	subfunction
Optima(TF/QF)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Optima(TF/QF)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Optima(TF/QF)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-1Step
Optima(TF/QF)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-2Step
Optima(TF/QF)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-3Step
Optima(TF/QF)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-4Step
Optima(TF/QF)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-5Step
Optima(TF/QF)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-6Step
Optima(TF/QF)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-7Step
Optima(TF/QF)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-8Step
Optima(TF/QF)	2015	USA Area	AC(Air Conditioning)	Actuation Test	E-Comp-On
Optima(TF/QF)	2015	USA Area	AC(Air Conditioning)	Actuation Test	E-Comp-Off
Optima(TF/QF)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Optima(TF/QF)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Def Door-Close
Optima(TF/QF)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Optima(TF/QF)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Optima(TF/QF)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Optima(TF/QF)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Optima(TF/QF)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Optima(TF/QF)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Optima(TF/QF)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL normal position

model	year	area	system	function	subfunction
Optima(TF/QF)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Optima(TF/QF)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Setting&Zero position Initial
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Version Information	
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Read Fault Code	
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Read Data Stream	
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Cruise Indicator
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Seatbelt Indicator
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Door open indicator
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR

model	year	area	system	function	subfunction
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Starter Inhibit Relay
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Turn Left Signal
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Turn Right Signal
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay

model	year	area	system	function	subfunction
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Foot Lamp
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Relay
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid(Automatic Transmission)
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Outside Mirror Fold Relay
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Outside Mirror Unfold Relay
Optima(TF/QF)	2015	USA Area	BCM(Body Control Module)	Actuation Test	PAS Switch ON Indicator
Optima(TF/QF)	2015	USA Area	BSD(Blind Spot Detection)	Version Information	

model	year	area	system	function	subfunction
Optima(TF/QF)	2015	USA Area	BSD(Blind Spot Detection)	Read Fault Code	
Optima(TF/QF)	2015	USA Area	BSD(Blind Spot Detection)	Clear Fault Memory	
Optima(TF/QF)	2015	USA Area	BSD(Blind Spot Detection)	Read Data Stream	
Optima(TF/QF)	2015	USA Area	BSD(Blind Spot Detection)	Actuation Test	Activation Switch LED
Optima(TF/QF)	2015	USA Area	BSD(Blind Spot Detection)	Actuation Test	Mirror LED Left
Optima(TF/QF)	2015	USA Area	BSD(Blind Spot Detection)	Actuation Test	Mirror LED Right
Optima(TF/QF)	2015	USA Area	BSD(Blind Spot Detection)	Actuation Test	ALL LEDs
Optima(TF/QF)	2015	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Optima(TF/QF)	2015	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Version Information	
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Read Fault Code	
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Read Data Stream	
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)

model	year	area	system	function	subfunction
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Waste Gate Valve(Turbo Only)
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)

model	year	area	system	function	subfunction
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Optima(TF/QF)	2015	USA Area	ECM(Engine Control Module)	Special Function	CVVT Test
Optima(TF/QF)	2015	USA Area	ESP(Electronic Stability Program)	Version Information	
Optima(TF/QF)	2015	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Optima(TF/QF)	2015	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Optima(TF/QF)	2015	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Optima(TF/QF)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor

model	year	area	system	function	subfunction
Optima(TF/QF)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Optima(TF/QF)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Optima(TF/QF)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Optima(TF/QF)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Optima(TF/QF)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Optima(TF/QF)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Optima(TF/QF)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Optima(TF/QF)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Optima(TF/QF)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Optima(TF/QF)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Optima(TF/QF)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Optima(TF/QF)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Optima(TF/QF)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Optima(TF/QF)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Optima(TF/QF)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Optima(TF/QF)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Optima(TF/QF)	2015	USA Area	ESP(Electronic Stability Program)	Special Function	Steering Angle Sensor
Optima(TF/QF)	2015	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Optima(TF/QF)	2015	USA Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Optima(TF/QF)	2015	USA Area	IMMO(Immobilizer)	Read Data Stream	
Optima(TF/QF)	2015	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin

model	year	area	system	function	subfunction
Optima(TF/QF)	2015	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral Mode
Optima(TF/QF)	2015	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Optima(TF/QF)	2015	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Optima(TF/QF)	2015	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Optima(TF/QF)	2015	USA Area	MDPS(Motor Driven Power Steering)	Version Information	
Optima(TF/QF)	2015	USA Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Optima(TF/QF)	2015	USA Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Optima(TF/QF)	2015	USA Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Optima(TF/QF)	2015	USA Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Optima(TF/QF)	2015	USA Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Version Information	
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Read Fault Code	
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Clear Fault Memory	
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Read Data Stream	
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Actuation Test	SSB Illumination
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Actuation Test	SSB LED Amber
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Actuation Test	SSB LED White
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Actuation Test	ACC Relay
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Actuation Test	IGN1 Relay

model	year	area	system	function	subfunction
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Actuation Test	IGN2 Relay
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Actuation Test	Starter Relay
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Actuation Test	External Buzzer
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Actuation Test	Key Out Indicator
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Actuation Test	SSB LED OFF
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Actuation Test	Interior Antenna 1
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Actuation Test	Interior Antenna 2
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Actuation Test	Trunk Antenna
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Actuation Test	Interior Antenna 3
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Special Function	Smart Key Code Saving
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Special Function	Neutralization Mode
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Special Function	SMK Status Information
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Special Function	FOB KEY Status Information
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Special Function	Current FOB Key Check
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Special Function	Antenna Status Check

model	year	area	system	function	subfunction
Optima(TF/QF)	2015	USA Area	Smart Key Unit	Special Function	Serial Communication Line Check
Optima(TF/QF)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima(TF/QF)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima(TF/QF)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima(TF/QF)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima(TF/QF)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Optima(TF/QF)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
Optima(TF/QF)	2015	USA Area	TCM(Transmission Control Module)	Version Information	
Optima(TF/QF)	2015	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Optima(TF/QF)	2015	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima(TF/QF)	2015	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Optima(TF/QF)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Optima(TF/QF)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Optima(TF/QF)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Optima(TF/QF)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Optima(TF/QF)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)

model	year	area	system	function	subfunction
Optima(TF/QF)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Optima(TF/QF)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Optima(TF/QF)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Optima(TF/QF)	2015	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Optima(TF/QF)	2015	USA Area	Telematics Unit	Version Information	
Optima(TF/QF)	2015	USA Area	Telematics Unit	Read Fault Code	
Optima(TF/QF)	2015	USA Area	Telematics Unit	Clear Fault Memory	
Optima(TF/QF)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Optima(TF/QF)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Optima(TF/QF)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Optima(TF/QF)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Optima(TF/QF)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Optima(TF/QF)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Optima(TF/QF)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Optima(TF/QF)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Optima(TF/QF)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Optima(TF/QF)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Optima(TF/QF)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Optima(TF/QF)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Optima(TF/QF)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Optima(TF/QF)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading

model	year	area	system	function	subfunction
Optima(TF/QF)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Optima(TF/QF)	2014	USA Area	AC(Air Conditioning)	Version Information	
Optima(TF/QF)	2014	USA Area	AC(Air Conditioning)	Read Fault Code	
Optima(TF/QF)	2014	USA Area	AC(Air Conditioning)	Clear Fault Memory	
Optima(TF/QF)	2014	USA Area	AC(Air Conditioning)	Read Data Stream	
Optima(TF/QF)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Optima(TF/QF)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Optima(TF/QF)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Optima(TF/QF)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Optima(TF/QF)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Optima(TF/QF)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Optima(TF/QF)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Optima(TF/QF)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Optima(TF/QF)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Optima(TF/QF)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Optima(TF/QF)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Optima(TF/QF)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Optima(TF/QF)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-1Step
Optima(TF/QF)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-2Step
Optima(TF/QF)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-3Step
Optima(TF/QF)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-4Step
Optima(TF/QF)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-5Step

model	year	area	system	function	subfunction
Optima(TF/QF)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-6Step
Optima(TF/QF)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-7Step
Optima(TF/QF)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-8Step
Optima(TF/QF)	2014	USA Area	AC(Air Conditioning)	Actuation Test	E-Comp-On
Optima(TF/QF)	2014	USA Area	AC(Air Conditioning)	Actuation Test	E-Comp-Off
Optima(TF/QF)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Optima(TF/QF)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Def Door-Close
Optima(TF/QF)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Optima(TF/QF)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Optima(TF/QF)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Optima(TF/QF)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Optima(TF/QF)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Optima(TF/QF)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Optima(TF/QF)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL normal position
Optima(TF/QF)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Optima(TF/QF)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Setting&Zero position Initial
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Version Information	
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Read Fault Code	
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Read Data Stream	
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Cruise Indicator

model	year	area	system	function	subfunction
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Seatbelt Indicator
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Door open indicator
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay

model	year	area	system	function	subfunction
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Starter Inhibit Relay
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Turn Left Signal
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Turn Right Signal
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Foot Lamp
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator

model	year	area	system	function	subfunction
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Relay
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid(Automatic Transmission)
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Outside Mirror Fold Relay
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Outside Mirror Unfold Relay
Optima(TF/QF)	2014	USA Area	BCM(Body Control Module)	Actuation Test	PAS Switch ON Indicator
Optima(TF/QF)	2014	USA Area	BSD(Blind Spot Detection)	Version Information	
Optima(TF/QF)	2014	USA Area	BSD(Blind Spot Detection)	Read Fault Code	
Optima(TF/QF)	2014	USA Area	BSD(Blind Spot Detection)	Clear Fault Memory	
Optima(TF/QF)	2014	USA Area	BSD(Blind Spot Detection)	Read Data Stream	
Optima(TF/QF)	2014	USA Area	BSD(Blind Spot Detection)	Actuation Test	Activation Switch LED
Optima(TF/QF)	2014	USA Area	BSD(Blind Spot Detection)	Actuation Test	Mirror LED Left
Optima(TF/QF)	2014	USA Area	BSD(Blind Spot Detection)	Actuation Test	Mirror LED Right
Optima(TF/QF)	2014	USA Area	BSD(Blind Spot Detection)	Actuation Test	ALL LEDs
Optima(TF/QF)	2014	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	

model	year	area	system	function	subfunction
Optima(TF/QF)	2014	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Version Information	
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Read Fault Code	
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Read Data Stream	
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)

model	year	area	system	function	subfunction
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Waste Gate Valve(Turbo Only)
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel

model	year	area	system	function	subfunction
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Optima(TF/QF)	2014	USA Area	ECM(Engine Control Module)	Special Function	CVVT Test
Optima(TF/QF)	2014	USA Area	ESP(Electronic Stability Program)	Version Information	
Optima(TF/QF)	2014	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Optima(TF/QF)	2014	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Optima(TF/QF)	2014	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Optima(TF/QF)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Optima(TF/QF)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Optima(TF/QF)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Optima(TF/QF)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Optima(TF/QF)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Optima(TF/QF)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Optima(TF/QF)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Optima(TF/QF)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Optima(TF/QF)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear

model	year	area	system	function	subfunction
Optima(TF/QF)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Optima(TF/QF)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Optima(TF/QF)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Optima(TF/QF)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Optima(TF/QF)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Optima(TF/QF)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Optima(TF/QF)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Optima(TF/QF)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Optima(TF/QF)	2014	USA Area	ESP(Electronic Stability Program)	Special Function	Steering Angle Sensor
Optima(TF/QF)	2014	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Optima(TF/QF)	2014	USA Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Optima(TF/QF)	2014	USA Area	IMMO(Immobilizer)	Read Data Stream	
Optima(TF/QF)	2014	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Optima(TF/QF)	2014	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral Mode
Optima(TF/QF)	2014	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Optima(TF/QF)	2014	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Optima(TF/QF)	2014	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Optima(TF/QF)	2014	USA Area	MDPS(Motor Driven Power Steering)	Version Information	
Optima(TF/QF)	2014	USA Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Optima(TF/QF)	2014	USA Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Optima(TF/QF)	2014	USA Area	MDPS(Motor Driven Power Steering)	Read Data Stream	

model	year	area	system	function	subfunction
Optima(TF/QF)	2014	USA Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Optima(TF/QF)	2014	USA Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Version Information	
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Read Fault Code	
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Clear Fault Memory	
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Read Data Stream	
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Actuation Test	SSB Illumination
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Actuation Test	SSB LED Amber
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Actuation Test	SSB LED White
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Actuation Test	ACC Relay
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Actuation Test	IGN1 Relay
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Actuation Test	IGN2 Relay
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Actuation Test	Starter Relay
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Actuation Test	External Buzzer
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Actuation Test	Key Out Indicator
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Actuation Test	SSB LED OFF
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Actuation Test	Interior Antenna 1

model	year	area	system	function	subfunction
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Actuation Test	Interior Antenna 2
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Actuation Test	Trunk Antenna
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Actuation Test	Interior Antenna 3
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Special Function	Smart Key Code Saving
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Special Function	Neutralization Mode
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Special Function	SMK Status Information
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Special Function	FOB KEY Status Information
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Special Function	Current FOB Key Check
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Special Function	Antenna Status Check
Optima(TF/QF)	2014	USA Area	Smart Key Unit	Special Function	Serial Communication Line Check
Optima(TF/QF)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima(TF/QF)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima(TF/QF)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima(TF/QF)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima(TF/QF)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding

model	year	area	system	function	subfunction
Optima(TF/QF)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
Optima(TF/QF)	2014	USA Area	TCM(Transmission Control Module)	Version Information	
Optima(TF/QF)	2014	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Optima(TF/QF)	2014	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima(TF/QF)	2014	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Optima(TF/QF)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Optima(TF/QF)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Optima(TF/QF)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Optima(TF/QF)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Optima(TF/QF)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Optima(TF/QF)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Optima(TF/QF)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Optima(TF/QF)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Optima(TF/QF)	2014	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Optima(TF/QF)	2014	USA Area	Telematics Unit	Version Information	
Optima(TF/QF)	2014	USA Area	Telematics Unit	Read Fault Code	
Optima(TF/QF)	2014	USA Area	Telematics Unit	Clear Fault Memory	
Optima(TF/QF)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	

model	year	area	system	function	subfunction
Optima(TF/QF)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Optima(TF/QF)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Optima(TF/QF)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Optima(TF/QF)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Optima(TF/QF)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Optima(TF/QF)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Optima(TF/QF)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Optima(TF/QF)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Optima(TF/QF)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Optima(TF/QF)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Optima(TF/QF)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Optima(TF/QF)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Optima(TF/QF)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Optima(TF/QF)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Optima(TF/QF)	2013	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Optima(TF/QF)	2013	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Optima(TF/QF)	2013	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Optima(TF/QF)	2013	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Optima(TF/QF)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Optima(TF/QF)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Optima(TF/QF)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Optima(TF/QF)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Optima(TF/QF)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear

model	year	area	system	function	subfunction
Optima(TF/QF)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Optima(TF/QF)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Optima(TF/QF)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Optima(TF/QF)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Optima(TF/QF)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Optima(TF/QF)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Optima(TF/QF)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
Optima(TF/QF)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
Optima(TF/QF)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Optima(TF/QF)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Optima(TF/QF)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Optima(TF/QF)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Optima(TF/QF)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	In-Line mode-Apply/Release
Optima(TF/QF)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Optima(TF/QF)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Optima(TF/QF)	2013	USA Area	ABS(Anti-Lock Brake System)	Special Function	Steering Angle Sensor
Optima(TF/QF)	2013	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Optima(TF/QF)	2013	USA Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Optima(TF/QF)	2013	USA Area	ABS(Anti-Lock Brake System)	Special Function	PAD Change Mode(Before Change)
Optima(TF/QF)	2013	USA Area	ABS(Anti-Lock Brake System)	Special Function	PAD Change Mode(After Change)

model	year	area	system	function	subfunction
Optima(TF/QF)	2013	USA Area	AC(Air Conditioning)	Version Information	
Optima(TF/QF)	2013	USA Area	AC(Air Conditioning)	Read Fault Code	
Optima(TF/QF)	2013	USA Area	AC(Air Conditioning)	Clear Fault Memory	
Optima(TF/QF)	2013	USA Area	AC(Air Conditioning)	Read Data Stream	
Optima(TF/QF)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Optima(TF/QF)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Optima(TF/QF)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Optima(TF/QF)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Optima(TF/QF)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Optima(TF/QF)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Optima(TF/QF)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Optima(TF/QF)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Optima(TF/QF)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Optima(TF/QF)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Optima(TF/QF)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Optima(TF/QF)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Optima(TF/QF)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Optima(TF/QF)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Optima(TF/QF)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Optima(TF/QF)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Optima(TF/QF)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Optima(TF/QF)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Normal Mode

model	year	area	system	function	subfunction
Optima(TF/QF)	2013	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Optima(TF/QF)	2013	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Optima(TF/QF)	2013	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Optima(TF/QF)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Optima(TF/QF)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Optima(TF/QF)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Optima(TF/QF)	2013	USA Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Optima(TF/QF)	2013	USA Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Optima(TF/QF)	2013	USA Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Optima(TF/QF)	2013	USA Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Optima(TF/QF)	2013	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Optima(TF/QF)	2013	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Optima(TF/QF)	2013	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL normal position
Optima(TF/QF)	2013	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Optima(TF/QF)	2013	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Setting&Zero position Initial
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Version Information	
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Read Fault Code	
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Read Data Stream	
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Cruise Indicator
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Seatbelt Indicator

model	year	area	system	function	subfunction
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Door open indicator
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Starter Inhibit Relay
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay

model	year	area	system	function	subfunction
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Turn Left Signal
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Turn Right Signal
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Foot Lamp
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Optima(TF/QF)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Optima(TF/QF)	2013	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Optima(TF/QF)	2013	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Version Information	

model	year	area	system	function	subfunction
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Read Fault Code	
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Read Data Stream	
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Waste Gate Valve(Turbo Only)
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values

model	year	area	system	function	subfunction
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Special Function	CVVT Test
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Optima(TF/QF)	2013	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Optima(TF/QF)	2013	USA Area	IMMO(Immobilizer)	Read Data Stream	
Optima(TF/QF)	2013	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Optima(TF/QF)	2013	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral Mode
Optima(TF/QF)	2013	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Optima(TF/QF)	2013	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Optima(TF/QF)	2013	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Optima(TF/QF)	2013	USA Area	Power Steering	Version Information	
Optima(TF/QF)	2013	USA Area	Power Steering	Read Fault Code	
Optima(TF/QF)	2013	USA Area	Power Steering	Clear Fault Memory	
Optima(TF/QF)	2013	USA Area	Power Steering	Read Data Stream	
Optima(TF/QF)	2013	USA Area	Power Steering	Special Function	ASP Calibration
Optima(TF/QF)	2013	USA Area	Power Steering	Special Function	EPS Type Recognition
Optima(TF/QF)	2013	USA Area	Smart Key Unit	Version Information	
Optima(TF/QF)	2013	USA Area	Smart Key Unit	Read Fault Code	
Optima(TF/QF)	2013	USA Area	Smart Key Unit	Clear Fault Memory	

model	year	area	system	function	subfunction
Optima(TF/QF)	2013	USA Area	Smart Key Unit	Read Data Stream	
Optima(TF/QF)	2013	USA Area	Smart Key Unit	Actuation Test	External Buzzer
Optima(TF/QF)	2013	USA Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Optima(TF/QF)	2013	USA Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Optima(TF/QF)	2013	USA Area	Smart Key Unit	Actuation Test	FOB Holder Illumination
Optima(TF/QF)	2013	USA Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Optima(TF/QF)	2013	USA Area	Smart Key Unit	Actuation Test	ACC Relay
Optima(TF/QF)	2013	USA Area	Smart Key Unit	Actuation Test	IGN1 Relay
Optima(TF/QF)	2013	USA Area	Smart Key Unit	Actuation Test	IGN2 Relay
Optima(TF/QF)	2013	USA Area	Smart Key Unit	Actuation Test	START Relay
Optima(TF/QF)	2013	USA Area	Smart Key Unit	Actuation Test	Interior Antenna 1
Optima(TF/QF)	2013	USA Area	Smart Key Unit	Actuation Test	Interior Antenna 2
Optima(TF/QF)	2013	USA Area	Smart Key Unit	Actuation Test	Trunk Antenna
Optima(TF/QF)	2013	USA Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Optima(TF/QF)	2013	USA Area	Smart Key Unit	Actuation Test	Driver Door Handle Antenna
Optima(TF/QF)	2013	USA Area	Smart Key Unit	Actuation Test	Assist Door Handle Antenna
Optima(TF/QF)	2013	USA Area	Smart Key Unit	Special Function	Smart Key Code Saving
Optima(TF/QF)	2013	USA Area	Smart Key Unit	Special Function	Neutralization Mode
Optima(TF/QF)	2013	USA Area	Smart Key Unit	Special Function	PDM Status Information
Optima(TF/QF)	2013	USA Area	Smart Key Unit	Special Function	FOB KEY Status Information
Optima(TF/QF)	2013	USA Area	Smart Key Unit	Special Function	User Option
Optima(TF/QF)	2013	USA Area	Smart Key Unit	Special Function	Current FOB Key Check

model	year	area	system	function	subfunction
Optima(TF/QF)	2013	USA Area	Smart Key Unit	Special Function	Serial Communication Line Check
Optima(TF/QF)	2013	USA Area	Smart Key Unit	Special Function	Antenna Status Check
Optima(TF/QF)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima(TF/QF)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima(TF/QF)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima(TF/QF)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima(TF/QF)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Optima(TF/QF)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
Optima(TF/QF)	2013	USA Area	TCM(Transmission Control Module)	Version Information	
Optima(TF/QF)	2013	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Optima(TF/QF)	2013	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima(TF/QF)	2013	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Optima(TF/QF)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Optima(TF/QF)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Optima(TF/QF)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Optima(TF/QF)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)

model	year	area	system	function	subfunction
Optima(TF/QF)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Optima(TF/QF)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Optima(TF/QF)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Optima(TF/QF)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Optima(TF/QF)	2013	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Optima(TF/QF)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Optima(TF/QF)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Optima(TF/QF)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Optima(TF/QF)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Optima(TF/QF)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Optima(TF/QF)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Optima(TF/QF)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Optima(TF/QF)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Optima(TF/QF)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Optima(TF/QF)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Optima(TF/QF)	2012	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Optima(TF/QF)	2012	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Optima(TF/QF)	2012	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Optima(TF/QF)	2012	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Optima(TF/QF)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Optima(TF/QF)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front

model	year	area	system	function	subfunction
Optima(TF/QF)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Optima(TF/QF)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Optima(TF/QF)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Optima(TF/QF)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Optima(TF/QF)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Optima(TF/QF)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Optima(TF/QF)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Optima(TF/QF)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Optima(TF/QF)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Optima(TF/QF)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
Optima(TF/QF)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
Optima(TF/QF)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Optima(TF/QF)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Optima(TF/QF)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Optima(TF/QF)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Optima(TF/QF)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	In-Line mode-Apply/Release
Optima(TF/QF)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Optima(TF/QF)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Optima(TF/QF)	2012	USA Area	ABS(Anti-Lock Brake System)	Special Function	Steering Angle Sensor
Optima(TF/QF)	2012	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Optima(TF/QF)	2012	USA Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)

model	year	area	system	function	subfunction
Optima(TF/QF)	2012	USA Area	ABS(Anti-Lock Brake System)	Special Function	PAD Change Mode(Before Change)
Optima(TF/QF)	2012	USA Area	ABS(Anti-Lock Brake System)	Special Function	PAD Change Mode(After Change)
Optima(TF/QF)	2012	USA Area	AC(Air Conditioning)	Version Information	
Optima(TF/QF)	2012	USA Area	AC(Air Conditioning)	Read Fault Code	
Optima(TF/QF)	2012	USA Area	AC(Air Conditioning)	Clear Fault Memory	
Optima(TF/QF)	2012	USA Area	AC(Air Conditioning)	Read Data Stream	
Optima(TF/QF)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Optima(TF/QF)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Optima(TF/QF)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Optima(TF/QF)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Optima(TF/QF)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Optima(TF/QF)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Optima(TF/QF)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Optima(TF/QF)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Optima(TF/QF)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Optima(TF/QF)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Optima(TF/QF)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Optima(TF/QF)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Optima(TF/QF)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Optima(TF/QF)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Optima(TF/QF)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Optima(TF/QF)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh

model	year	area	system	function	subfunction
Optima(TF/QF)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Optima(TF/QF)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Optima(TF/QF)	2012	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Optima(TF/QF)	2012	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Optima(TF/QF)	2012	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Optima(TF/QF)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Optima(TF/QF)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Optima(TF/QF)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Optima(TF/QF)	2012	USA Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Optima(TF/QF)	2012	USA Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Optima(TF/QF)	2012	USA Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Optima(TF/QF)	2012	USA Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Optima(TF/QF)	2012	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Optima(TF/QF)	2012	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Optima(TF/QF)	2012	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL normal position
Optima(TF/QF)	2012	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Optima(TF/QF)	2012	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Setting&Zero position Initial
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Version Information	
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Read Fault Code	
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Cruise Indicator
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Seatbelt Indicator
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Door open indicator
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Starter Inhibit Relay

model	year	area	system	function	subfunction
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Turn Left Signal
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Turn Right Signal
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Foot Lamp
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Optima(TF/QF)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Optima(TF/QF)	2012	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	

model	year	area	system	function	subfunction
Optima(TF/QF)	2012	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Version Information	
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Read Fault Code	
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Read Data Stream	
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)

model	year	area	system	function	subfunction
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Waste Gate Valve(Turbo Only)
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel

model	year	area	system	function	subfunction
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Special Function	CVVT Test
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Optima(TF/QF)	2012	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Optima(TF/QF)	2012	USA Area	IMMO(Immobilizer)	Read Data Stream	
Optima(TF/QF)	2012	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Optima(TF/QF)	2012	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral Mode
Optima(TF/QF)	2012	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Optima(TF/QF)	2012	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Optima(TF/QF)	2012	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Optima(TF/QF)	2012	USA Area	Power Steering	Version Information	
Optima(TF/QF)	2012	USA Area	Power Steering	Read Fault Code	
Optima(TF/QF)	2012	USA Area	Power Steering	Clear Fault Memory	
Optima(TF/QF)	2012	USA Area	Power Steering	Read Data Stream	
Optima(TF/QF)	2012	USA Area	Power Steering	Special Function	ASP Calibration
Optima(TF/QF)	2012	USA Area	Power Steering	Special Function	EPS Type Recognition
Optima(TF/QF)	2012	USA Area	Smart Key Unit	Version Information	

model	year	area	system	function	subfunction
Optima(TF/QF)	2012	USA Area	Smart Key Unit	Read Fault Code	
Optima(TF/QF)	2012	USA Area	Smart Key Unit	Clear Fault Memory	
Optima(TF/QF)	2012	USA Area	Smart Key Unit	Read Data Stream	
Optima(TF/QF)	2012	USA Area	Smart Key Unit	Actuation Test	External Buzzer
Optima(TF/QF)	2012	USA Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Optima(TF/QF)	2012	USA Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Optima(TF/QF)	2012	USA Area	Smart Key Unit	Actuation Test	FOB Holder Illumination
Optima(TF/QF)	2012	USA Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Optima(TF/QF)	2012	USA Area	Smart Key Unit	Actuation Test	ACC Relay
Optima(TF/QF)	2012	USA Area	Smart Key Unit	Actuation Test	IGN1 Relay
Optima(TF/QF)	2012	USA Area	Smart Key Unit	Actuation Test	IGN2 Relay
Optima(TF/QF)	2012	USA Area	Smart Key Unit	Actuation Test	START Relay
Optima(TF/QF)	2012	USA Area	Smart Key Unit	Actuation Test	Interior Antenna 1
Optima(TF/QF)	2012	USA Area	Smart Key Unit	Actuation Test	Interior Antenna 2
Optima(TF/QF)	2012	USA Area	Smart Key Unit	Actuation Test	Trunk Antenna
Optima(TF/QF)	2012	USA Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Optima(TF/QF)	2012	USA Area	Smart Key Unit	Actuation Test	Driver Door Handle Antenna
Optima(TF/QF)	2012	USA Area	Smart Key Unit	Actuation Test	Assist Door Handle Antenna
Optima(TF/QF)	2012	USA Area	Smart Key Unit	Special Function	Smart Key Code Saving
Optima(TF/QF)	2012	USA Area	Smart Key Unit	Special Function	Neutralization Mode
Optima(TF/QF)	2012	USA Area	Smart Key Unit	Special Function	PDM Status Information
Optima(TF/QF)	2012	USA Area	Smart Key Unit	Special Function	FOB KEY Status Information
Optima(TF/QF)	2012	USA Area	Smart Key Unit	Special Function	User Option

model	year	area	system	function	subfunction
Optima(TF/QF)	2012	USA Area	Smart Key Unit	Special Function	Current FOB Key Check
Optima(TF/QF)	2012	USA Area	Smart Key Unit	Special Function	Serial Communication Line Check
Optima(TF/QF)	2012	USA Area	Smart Key Unit	Special Function	Antenna Status Check
Optima(TF/QF)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima(TF/QF)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima(TF/QF)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima(TF/QF)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima(TF/QF)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Optima(TF/QF)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
Optima(TF/QF)	2012	USA Area	TCM(Transmission Control Module)	Version Information	
Optima(TF/QF)	2012	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Optima(TF/QF)	2012	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima(TF/QF)	2012	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Optima(TF/QF)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Optima(TF/QF)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Optima(TF/QF)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Optima(TF/QF)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)

model	year	area	system	function	subfunction
Optima(TF/QF)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Optima(TF/QF)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Optima(TF/QF)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Optima(TF/QF)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Optima(TF/QF)	2012	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Optima(TF/QF)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Optima(TF/QF)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Optima(TF/QF)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Optima(TF/QF)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Optima(TF/QF)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Optima(TF/QF)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Optima(TF/QF)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Optima(TF/QF)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Optima(TF/QF)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Optima(TF/QF)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Optima(TF/QF)	2011	USA Area	AC(Air Conditioning)	Version Information	
Optima(TF/QF)	2011	USA Area	AC(Air Conditioning)	Read Fault Code	
Optima(TF/QF)	2011	USA Area	AC(Air Conditioning)	Clear Fault Memory	
Optima(TF/QF)	2011	USA Area	AC(Air Conditioning)	Read Data Stream	
Optima(TF/QF)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Optima(TF/QF)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off

model	year	area	system	function	subfunction
Optima(TF/QF)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Optima(TF/QF)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Optima(TF/QF)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Optima(TF/QF)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Optima(TF/QF)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Optima(TF/QF)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Optima(TF/QF)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Optima(TF/QF)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Optima(TF/QF)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Optima(TF/QF)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Optima(TF/QF)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Optima(TF/QF)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Optima(TF/QF)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Optima(TF/QF)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Optima(TF/QF)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Optima(TF/QF)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Optima(TF/QF)	2011	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Optima(TF/QF)	2011	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Optima(TF/QF)	2011	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Optima(TF/QF)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Optima(TF/QF)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Optima(TF/QF)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)

model	year	area	system	function	subfunction
Optima(TF/QF)	2011	USA Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Optima(TF/QF)	2011	USA Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Optima(TF/QF)	2011	USA Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Optima(TF/QF)	2011	USA Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Optima(TF/QF)	2011	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Optima(TF/QF)	2011	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Optima(TF/QF)	2011	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL normal position
Optima(TF/QF)	2011	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Optima(TF/QF)	2011	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Setting&Zero position Initial
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Version Information	
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Read Fault Code	
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Read Data Stream	
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Cruise Indicator
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Seatbelt Indicator
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Door open indicator
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)

model	year	area	system	function	subfunction
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Starter Inhibit Relay
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Turn Left Signal

model	year	area	system	function	subfunction
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Turn Right Signal
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Foot Lamp
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Optima(TF/QF)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Optima(TF/QF)	2011	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Optima(TF/QF)	2011	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Version Information	
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Read Fault Code	
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Read Data Stream	
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2

model	year	area	system	function	subfunction
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear

model	year	area	system	function	subfunction
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Waste Gate Valve(Turbo Only)
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Optima(TF/QF)	2011	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Optima(TF/QF)	2011	USA Area	ESP(Electronic Stability Program)	Version Information	
Optima(TF/QF)	2011	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Optima(TF/QF)	2011	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Optima(TF/QF)	2011	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Optima(TF/QF)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Optima(TF/QF)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Optima(TF/QF)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Optima(TF/QF)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Optima(TF/QF)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Optima(TF/QF)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Optima(TF/QF)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front

model	year	area	system	function	subfunction
Optima(TF/QF)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Optima(TF/QF)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Optima(TF/QF)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Optima(TF/QF)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Optima(TF/QF)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Optima(TF/QF)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Optima(TF/QF)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Optima(TF/QF)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Optima(TF/QF)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Optima(TF/QF)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Optima(TF/QF)	2011	USA Area	ESP(Electronic Stability Program)	Special Function	Steering Angle Sensor
Optima(TF/QF)	2011	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Optima(TF/QF)	2011	USA Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Optima(TF/QF)	2011	USA Area	IMMO(Immobilizer)	Read Data Stream	
Optima(TF/QF)	2011	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Optima(TF/QF)	2011	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral Mode
Optima(TF/QF)	2011	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Optima(TF/QF)	2011	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Optima(TF/QF)	2011	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Optima(TF/QF)	2011	USA Area	Power Steering	Version Information	
Optima(TF/QF)	2011	USA Area	Power Steering	Read Fault Code	

model	year	area	system	function	subfunction
Optima(TF/QF)	2011	USA Area	Power Steering	Clear Fault Memory	
Optima(TF/QF)	2011	USA Area	Power Steering	Read Data Stream	
Optima(TF/QF)	2011	USA Area	Power Steering	Special Function	ASP Calibration
Optima(TF/QF)	2011	USA Area	Power Steering	Special Function	EPS Type Recognition
Optima(TF/QF)	2011	USA Area	Smart Key Unit	Version Information	
Optima(TF/QF)	2011	USA Area	Smart Key Unit	Read Fault Code	
Optima(TF/QF)	2011	USA Area	Smart Key Unit	Clear Fault Memory	
Optima(TF/QF)	2011	USA Area	Smart Key Unit	Read Data Stream	
Optima(TF/QF)	2011	USA Area	Smart Key Unit	Actuation Test	External Buzzer
Optima(TF/QF)	2011	USA Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Optima(TF/QF)	2011	USA Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Optima(TF/QF)	2011	USA Area	Smart Key Unit	Actuation Test	FOB Holder Illumination
Optima(TF/QF)	2011	USA Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Optima(TF/QF)	2011	USA Area	Smart Key Unit	Actuation Test	ACC Relay
Optima(TF/QF)	2011	USA Area	Smart Key Unit	Actuation Test	IGN1 Relay
Optima(TF/QF)	2011	USA Area	Smart Key Unit	Actuation Test	IGN2 Relay
Optima(TF/QF)	2011	USA Area	Smart Key Unit	Actuation Test	START Relay
Optima(TF/QF)	2011	USA Area	Smart Key Unit	Actuation Test	Interior Antenna 1
Optima(TF/QF)	2011	USA Area	Smart Key Unit	Actuation Test	Interior Antenna 2
Optima(TF/QF)	2011	USA Area	Smart Key Unit	Actuation Test	Trunk Antenna
Optima(TF/QF)	2011	USA Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Optima(TF/QF)	2011	USA Area	Smart Key Unit	Actuation Test	Driver Door Handle Antenna
Optima(TF/QF)	2011	USA Area	Smart Key Unit	Actuation Test	Assist Door Handle Antenna

model	year	area	system	function	subfunction
Optima(TF/QF)	2011	USA Area	Smart Key Unit	Special Function	Smart Key Code Saving
Optima(TF/QF)	2011	USA Area	Smart Key Unit	Special Function	Neutralization Mode
Optima(TF/QF)	2011	USA Area	Smart Key Unit	Special Function	PDM Status Information
Optima(TF/QF)	2011	USA Area	Smart Key Unit	Special Function	FOB KEY Status Information
Optima(TF/QF)	2011	USA Area	Smart Key Unit	Special Function	User Option
Optima(TF/QF)	2011	USA Area	Smart Key Unit	Special Function	Current FOB Key Check
Optima(TF/QF)	2011	USA Area	Smart Key Unit	Special Function	Serial Communication Line Check
Optima(TF/QF)	2011	USA Area	Smart Key Unit	Special Function	Antenna Status Check
Optima(TF/QF)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Optima(TF/QF)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Optima(TF/QF)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Optima(TF/QF)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Optima(TF/QF)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Optima(TF/QF)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
Optima(TF/QF)	2011	USA Area	TCM(Transmission Control Module)	Version Information	
Optima(TF/QF)	2011	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Optima(TF/QF)	2011	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Optima(TF/QF)	2011	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Optima(TF/QF)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)

model	year	area	system	function	subfunction
Optima(TF/QF)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Optima(TF/QF)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Optima(TF/QF)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Optima(TF/QF)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Optima(TF/QF)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Optima(TF/QF)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Optima(TF/QF)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Optima(TF/QF)	2011	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Optima(TF/QF)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Optima(TF/QF)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Optima(TF/QF)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Optima(TF/QF)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Optima(TF/QF)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Optima(TF/QF)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Optima(TF/QF)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Optima(TF/QF)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Optima(TF/QF)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Optima(TF/QF)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
RIO(BC)	2005	USA Area	ABS(Anti-Lock Brake System)	Version Information	

model	year	area	system	function	subfunction
RIO(BC)	2005	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(BC)	2005	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(BC)	2005	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(BC)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Relay
RIO(BC)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(BC)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(BC)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(BC)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(BC)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(BC)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(BC)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(BC)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(BC)	2005	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
RIO(BC)	2005	USA Area	ECM(Engine Control Module)	Version Information	
RIO(BC)	2005	USA Area	ECM(Engine Control Module)	Read Fault Code	
RIO(BC)	2005	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(BC)	2005	USA Area	ECM(Engine Control Module)	Read Data Stream	
RIO(BC)	2005	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
RIO(BC)	2005	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
RIO(BC)	2005	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(BC)	2005	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(BC)	2005	USA Area	TCM(Transmission Control Module)	Version Information	

model	year	area	system	function	subfunction
RIO(BC)	2005	USA Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(BC)	2005	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(BC)	2005	USA Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(BC)	2005	USA Area	TCM(Transmission Control Module)	Special Function	Readiness Test
RIO(BC)	2004	USA Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(BC)	2004	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(BC)	2004	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(BC)	2004	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(BC)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Relay
RIO(BC)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(BC)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(BC)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(BC)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(BC)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(BC)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(BC)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(BC)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(BC)	2004	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
RIO(BC)	2004	USA Area	ECM(Engine Control Module)	Version Information	
RIO(BC)	2004	USA Area	ECM(Engine Control Module)	Read Fault Code	
RIO(BC)	2004	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(BC)	2004	USA Area	ECM(Engine Control Module)	Read Data Stream	
RIO(BC)	2004	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test

model	year	area	system	function	subfunction
RIO(BC)	2004	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
RIO(BC)	2004	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(BC)	2004	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(BC)	2004	USA Area	TCM(Transmission Control Module)	Version Information	
RIO(BC)	2004	USA Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(BC)	2004	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(BC)	2004	USA Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(BC)	2003	USA Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(BC)	2003	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(BC)	2003	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(BC)	2003	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(BC)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Relay
RIO(BC)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(BC)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(BC)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(BC)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(BC)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(BC)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(BC)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(BC)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(BC)	2003	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
RIO(BC)	2003	USA Area	ECM(Engine Control Module)	Version Information	

model	year	area	system	function	subfunction
RIO(BC)	2003	USA Area	ECM(Engine Control Module)	Read Fault Code	
RIO(BC)	2003	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(BC)	2003	USA Area	ECM(Engine Control Module)	Read Data Stream	
RIO(BC)	2003	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
RIO(BC)	2003	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
RIO(BC)	2003	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(BC)	2003	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(BC)	2003	USA Area	TCM(Transmission Control Module)	Version Information	
RIO(BC)	2003	USA Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(BC)	2003	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(BC)	2003	USA Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(BC)	2002	USA Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(BC)	2002	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(BC)	2002	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(BC)	2002	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(BC)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Valve/Motor-Right Front
RIO(BC)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Valve/Motor-Left Front
RIO(BC)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Valve/Motor-Right Rear
RIO(BC)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Valve/Motor-Left Rear
RIO(BC)	2002	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(BC)	2002	USA Area	ECM(Engine Control Module)	Version Information	
RIO(BC)	2002	USA Area	ECM(Engine Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
RIO(BC)	2002	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(BC)	2002	USA Area	ECM(Engine Control Module)	Read Data Stream	
RIO(BC)	2002	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
RIO(BC)	2002	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
RIO(BC)	2002	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(BC)	2002	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(BC)	2002	USA Area	TCM(Transmission Control Module)	Version Information	
RIO(BC)	2002	USA Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(BC)	2002	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(BC)	2002	USA Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(BC)	2002	USA Area	TCM(Transmission Control Module)	Special Function	Readiness Test
RIO(BC)	2001	USA Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(BC)	2001	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(BC)	2001	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(BC)	2001	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(BC)	2001	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Valve/Motor-Right Front
RIO(BC)	2001	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Valve/Motor-Left Front
RIO(BC)	2001	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Valve/Motor-Right Rear
RIO(BC)	2001	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Valve/Motor-Left Rear
RIO(BC)	2001	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(BC)	2001	USA Area	ECM(Engine Control Module)	Version Information	
RIO(BC)	2001	USA Area	ECM(Engine Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
RIO(BC)	2001	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(BC)	2001	USA Area	ECM(Engine Control Module)	Read Data Stream	
RIO(BC)	2001	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
RIO(BC)	2001	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
RIO(BC)	2001	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(BC)	2001	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(BC)	2001	USA Area	TCM(Transmission Control Module)	Version Information	
RIO(BC)	2001	USA Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(BC)	2001	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(BC)	2001	USA Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(BC)	2001	USA Area	TCM(Transmission Control Module)	Special Function	Readiness Test
RIO(JB)	2012	USA Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(JB)	2012	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(JB)	2012	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(JB)	2012	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(JB)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(JB)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(JB)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(JB)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(JB)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(JB)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(JB)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front

model	year	area	system	function	subfunction
RIO(JB)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(JB)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(JB)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(JB)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(JB)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
RIO(JB)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
RIO(JB)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
RIO(JB)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
RIO(JB)	2012	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(JB)	2012	USA Area	AC(Air Conditioning)	Version	
RIO(JB)	2012	USA Area	AC(Air Conditioning)	Read Fault Code	
RIO(JB)	2012	USA Area	AC(Air Conditioning)	Clear Fault	
RIO(JB)	2012	USA Area	AC(Air Conditioning)	Read Data	
RIO(JB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
RIO(JB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
RIO(JB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
RIO(JB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
RIO(JB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
RIO(JB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
RIO(JB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
RIO(JB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
RIO(JB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
RIO(JB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
RIO(JB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
RIO(JB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
RIO(JB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh

model	year	area	system	function	subfunction
RIO(JB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
RIO(JB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
RIO(JB)	2012	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
RIO(JB)	2012	USA Area	ECM(Engine Control Module)	Version Information	
RIO(JB)	2012	USA Area	ECM(Engine Control Module)	Read Fault Code	
RIO(JB)	2012	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(JB)	2012	USA Area	ECM(Engine Control Module)	Read Data Stream	
RIO(JB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
RIO(JB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Closed
RIO(JB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
RIO(JB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
RIO(JB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
RIO(JB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
RIO(JB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Clocked
RIO(JB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
RIO(JB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
RIO(JB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
RIO(JB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
RIO(JB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
RIO(JB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
RIO(JB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
RIO(JB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
RIO(JB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
RIO(JB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
RIO(JB)	2012	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
RIO(JB)	2012	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
RIO(JB)	2012	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
RIO(JB)	2012	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
RIO(JB)	2012	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
RIO(JB)	2012	USA Area	Power Steering	Version	
RIO(JB)	2012	USA Area	Power Steering	Read Fault Code	
RIO(JB)	2012	USA Area	Power Steering	Clear Fault	
RIO(JB)	2012	USA Area	Power Steering	Read Data	
RIO(JB)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
RIO(JB)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(JB)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(JB)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(JB)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
RIO(JB)	2012	USA Area	TCM(Transmission Control Module)	Version Information	
RIO(JB)	2012	USA Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(JB)	2012	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
RIO(JB)	2012	USA Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(JB)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-A
RIO(JB)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-B
RIO(JB)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-C
RIO(JB)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
RIO(JB)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
RIO(JB)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
RIO(JB)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
RIO(JB)	2012	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
RIO(JB)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
RIO(JB)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
RIO(JB)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
RIO(JB)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
RIO(JB)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
RIO(JB)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
RIO(JB)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
RIO(JB)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
RIO(JB)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
RIO(JB)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
RIO(JB)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
RIO(JB)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
RIO(JB)	2011	USA Area	ABS(Anti-Lock Brake System)	Version Information	

model	year	area	system	function	subfunction
RIO(JB)	2011	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(JB)	2011	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(JB)	2011	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(JB)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(JB)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(JB)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(JB)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(JB)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(JB)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(JB)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(JB)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(JB)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(JB)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(JB)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(JB)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
RIO(JB)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
RIO(JB)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
RIO(JB)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
RIO(JB)	2011	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(JB)	2011	USA Area	AC(Air Conditioning)	Version	
RIO(JB)	2011	USA Area	AC(Air Conditioning)	Read Fault Code	
RIO(JB)	2011	USA Area	AC(Air Conditioning)	Clear Fault	
RIO(JB)	2011	USA Area	AC(Air Conditioning)	Read Data	
RIO(JB)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
RIO(JB)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
RIO(JB)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off

model	year	area	system	function	subfunction
RIO(JB)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
RIO(JB)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
RIO(JB)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
RIO(JB)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
RIO(JB)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
RIO(JB)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
RIO(JB)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
RIO(JB)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
RIO(JB)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
RIO(JB)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
RIO(JB)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
RIO(JB)	2011	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
RIO(JB)	2011	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
RIO(JB)	2011	USA Area	ECM(Engine Control Module)	Version Information	
RIO(JB)	2011	USA Area	ECM(Engine Control Module)	Read Fault Code	
RIO(JB)	2011	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(JB)	2011	USA Area	ECM(Engine Control Module)	Read Data Stream	
RIO(JB)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
RIO(JB)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Closed
RIO(JB)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
RIO(JB)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
RIO(JB)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control

model	year	area	system	function	subfunction
RIO(JB)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
RIO(JB)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Clocked
RIO(JB)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
RIO(JB)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
RIO(JB)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
RIO(JB)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
RIO(JB)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
RIO(JB)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
RIO(JB)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
RIO(JB)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
RIO(JB)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
RIO(JB)	2011	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
RIO(JB)	2011	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
RIO(JB)	2011	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
RIO(JB)	2011	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
RIO(JB)	2011	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
RIO(JB)	2011	USA Area	Power Steering	Version	
RIO(JB)	2011	USA Area	Power Steering	Read Fault Code	
RIO(JB)	2011	USA Area	Power Steering	Clear Fault	
RIO(JB)	2011	USA Area	Power Steering	Read Data	

model	year	area	system	function	subfunction
RIO(JB)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
RIO(JB)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(JB)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(JB)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(JB)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
RIO(JB)	2011	USA Area	TCM(Transmission Control Module)	Version Information	
RIO(JB)	2011	USA Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(JB)	2011	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(JB)	2011	USA Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(JB)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-A
RIO(JB)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-B
RIO(JB)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-C
RIO(JB)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
RIO(JB)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
RIO(JB)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
RIO(JB)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
RIO(JB)	2011	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
RIO(JB)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
RIO(JB)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	

model	year	area	system	function	subfunction
RIO(JB)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
RIO(JB)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
RIO(JB)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
RIO(JB)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
RIO(JB)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
RIO(JB)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
RIO(JB)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
RIO(JB)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
RIO(JB)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
RIO(JB)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
RIO(JB)	2010	USA Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(JB)	2010	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(JB)	2010	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(JB)	2010	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(JB)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(JB)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(JB)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(JB)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(JB)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(JB)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(JB)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(JB)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(JB)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear

model	year	area	system	function	subfunction
RIO(JB)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(JB)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(JB)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
RIO(JB)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
RIO(JB)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
RIO(JB)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
RIO(JB)	2010	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(JB)	2010	USA Area	AC(Air Conditioning)	Version	
RIO(JB)	2010	USA Area	AC(Air Conditioning)	Read Fault Code	
RIO(JB)	2010	USA Area	AC(Air Conditioning)	Clear Fault	
RIO(JB)	2010	USA Area	AC(Air Conditioning)	Read Data	
RIO(JB)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
RIO(JB)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
RIO(JB)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
RIO(JB)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
RIO(JB)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
RIO(JB)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
RIO(JB)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
RIO(JB)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
RIO(JB)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
RIO(JB)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
RIO(JB)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
RIO(JB)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
RIO(JB)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
RIO(JB)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation

model	year	area	system	function	subfunction
RIO(JB)	2010	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
RIO(JB)	2010	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
RIO(JB)	2010	USA Area	ECM(Engine Control Module)	Version Information	
RIO(JB)	2010	USA Area	ECM(Engine Control Module)	Read Fault Code	
RIO(JB)	2010	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(JB)	2010	USA Area	ECM(Engine Control Module)	Read Data Stream	
RIO(JB)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
RIO(JB)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Closed
RIO(JB)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
RIO(JB)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
RIO(JB)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
RIO(JB)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
RIO(JB)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Clocked
RIO(JB)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
RIO(JB)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
RIO(JB)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
RIO(JB)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
RIO(JB)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
RIO(JB)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1

model	year	area	system	function	subfunction
RIO(JB)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
RIO(JB)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
RIO(JB)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
RIO(JB)	2010	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
RIO(JB)	2010	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
RIO(JB)	2010	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
RIO(JB)	2010	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
RIO(JB)	2010	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
RIO(JB)	2010	USA Area	Power Steering	Version	
RIO(JB)	2010	USA Area	Power Steering	Read Fault Code	
RIO(JB)	2010	USA Area	Power Steering	Clear Fault	
RIO(JB)	2010	USA Area	Power Steering	Read Data	
RIO(JB)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
RIO(JB)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(JB)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(JB)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(JB)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
RIO(JB)	2010	USA Area	TCM(Transmission Control Module)	Version Information	
RIO(JB)	2010	USA Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(JB)	2010	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(JB)	2010	USA Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(JB)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-A

model	year	area	system	function	subfunction
RIO(JB)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-B
RIO(JB)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-C
RIO(JB)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
RIO(JB)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
RIO(JB)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
RIO(JB)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
RIO(JB)	2010	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
RIO(JB)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
RIO(JB)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
RIO(JB)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
RIO(JB)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
RIO(JB)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
RIO(JB)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
RIO(JB)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
RIO(JB)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
RIO(JB)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
RIO(JB)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
RIO(JB)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
RIO(JB)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
RIO(JB)	2009	USA Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(JB)	2009	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(JB)	2009	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	

model	year	area	system	function	subfunction
RIO(JB)	2009	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(JB)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(JB)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(JB)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(JB)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(JB)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(JB)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(JB)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(JB)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(JB)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(JB)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(JB)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(JB)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
RIO(JB)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
RIO(JB)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
RIO(JB)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
RIO(JB)	2009	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(JB)	2009	USA Area	AC(Air Conditioning)	Version	
RIO(JB)	2009	USA Area	AC(Air Conditioning)	Read Fault Code	
RIO(JB)	2009	USA Area	AC(Air Conditioning)	Clear Fault	
RIO(JB)	2009	USA Area	AC(Air Conditioning)	Read Data	
RIO(JB)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
RIO(JB)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
RIO(JB)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
RIO(JB)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
RIO(JB)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium

model	year	area	system	function	subfunction
RIO(JB)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
RIO(JB)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
RIO(JB)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
RIO(JB)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
RIO(JB)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
RIO(JB)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
RIO(JB)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
RIO(JB)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
RIO(JB)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
RIO(JB)	2009	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
RIO(JB)	2009	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
RIO(JB)	2009	USA Area	ECM(Engine Control Module)	Version Information	
RIO(JB)	2009	USA Area	ECM(Engine Control Module)	Read Fault Code	
RIO(JB)	2009	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(JB)	2009	USA Area	ECM(Engine Control Module)	Read Data Stream	
RIO(JB)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
RIO(JB)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Closed
RIO(JB)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
RIO(JB)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
RIO(JB)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
RIO(JB)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
RIO(JB)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Clocked

model	year	area	system	function	subfunction
RIO(JB)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
RIO(JB)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
RIO(JB)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
RIO(JB)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
RIO(JB)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
RIO(JB)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
RIO(JB)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
RIO(JB)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
RIO(JB)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
RIO(JB)	2009	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
RIO(JB)	2009	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
RIO(JB)	2009	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
RIO(JB)	2009	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
RIO(JB)	2009	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
RIO(JB)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
RIO(JB)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(JB)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	

model	year	area	system	function	subfunction
RIO(JB)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(JB)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
RIO(JB)	2009	USA Area	TCM(Transmission Control Module)	Version Information	
RIO(JB)	2009	USA Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(JB)	2009	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(JB)	2009	USA Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(JB)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-A
RIO(JB)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-B
RIO(JB)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-C
RIO(JB)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
RIO(JB)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
RIO(JB)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
RIO(JB)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
RIO(JB)	2009	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
RIO(JB)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
RIO(JB)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
RIO(JB)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
RIO(JB)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
RIO(JB)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
RIO(JB)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
RIO(JB)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps

model	year	area	system	function	subfunction
RIO(JB)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
RIO(JB)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
RIO(JB)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
RIO(JB)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
RIO(JB)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
RIO(JB)	2008	USA Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(JB)	2008	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(JB)	2008	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(JB)	2008	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(JB)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(JB)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(JB)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(JB)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(JB)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(JB)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(JB)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(JB)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(JB)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(JB)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(JB)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(JB)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
RIO(JB)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
RIO(JB)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left

model	year	area	system	function	subfunction
RIO(JB)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
RIO(JB)	2008	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(JB)	2008	USA Area	AC(Air Conditioning)	Version	
RIO(JB)	2008	USA Area	AC(Air Conditioning)	Read Fault Code	
RIO(JB)	2008	USA Area	AC(Air Conditioning)	Clear Fault	
RIO(JB)	2008	USA Area	AC(Air Conditioning)	Read Data	
RIO(JB)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
RIO(JB)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
RIO(JB)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
RIO(JB)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
RIO(JB)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
RIO(JB)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
RIO(JB)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
RIO(JB)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
RIO(JB)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
RIO(JB)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
RIO(JB)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
RIO(JB)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
RIO(JB)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
RIO(JB)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
RIO(JB)	2008	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
RIO(JB)	2008	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
RIO(JB)	2008	USA Area	ECM(Engine Control Module)	Version Information	
RIO(JB)	2008	USA Area	ECM(Engine Control Module)	Read Fault Code	
RIO(JB)	2008	USA Area	ECM(Engine Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
RIO(JB)	2008	USA Area	ECM(Engine Control Module)	Read Data Stream	
RIO(JB)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
RIO(JB)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Closed
RIO(JB)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
RIO(JB)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
RIO(JB)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
RIO(JB)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
RIO(JB)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Clocked
RIO(JB)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
RIO(JB)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
RIO(JB)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
RIO(JB)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
RIO(JB)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
RIO(JB)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
RIO(JB)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
RIO(JB)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
RIO(JB)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
RIO(JB)	2008	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
RIO(JB)	2008	USA Area	ECM(Engine Control Module)	Special Function	Write VIN

model	year	area	system	function	subfunction
RIO(JB)	2008	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
RIO(JB)	2008	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
RIO(JB)	2008	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
RIO(JB)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
RIO(JB)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(JB)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(JB)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(JB)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
RIO(JB)	2008	USA Area	TCM(Transmission Control Module)	Version Information	
RIO(JB)	2008	USA Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(JB)	2008	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(JB)	2008	USA Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(JB)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-A
RIO(JB)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-B
RIO(JB)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-C
RIO(JB)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
RIO(JB)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
RIO(JB)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
RIO(JB)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp

model	year	area	system	function	subfunction
RIO(JB)	2008	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
RIO(JB)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
RIO(JB)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
RIO(JB)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
RIO(JB)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
RIO(JB)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
RIO(JB)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
RIO(JB)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
RIO(JB)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
RIO(JB)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
RIO(JB)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
RIO(JB)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
RIO(JB)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
RIO(JB)	2007	USA Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(JB)	2007	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(JB)	2007	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(JB)	2007	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(JB)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(JB)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(JB)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(JB)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(JB)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(JB)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front

model	year	area	system	function	subfunction
RIO(JB)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(JB)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(JB)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(JB)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(JB)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(JB)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
RIO(JB)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
RIO(JB)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
RIO(JB)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
RIO(JB)	2007	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(JB)	2007	USA Area	AC(Air Conditioning)	Version	
RIO(JB)	2007	USA Area	AC(Air Conditioning)	Read Fault Code	
RIO(JB)	2007	USA Area	AC(Air Conditioning)	Clear Fault	
RIO(JB)	2007	USA Area	AC(Air Conditioning)	Read Data	
RIO(JB)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
RIO(JB)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
RIO(JB)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
RIO(JB)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
RIO(JB)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
RIO(JB)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
RIO(JB)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
RIO(JB)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
RIO(JB)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
RIO(JB)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
RIO(JB)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
RIO(JB)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost

model	year	area	system	function	subfunction
RIO(JB)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
RIO(JB)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
RIO(JB)	2007	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
RIO(JB)	2007	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
RIO(JB)	2007	USA Area	ECM(Engine Control Module)	Version Information	
RIO(JB)	2007	USA Area	ECM(Engine Control Module)	Read Fault Code	
RIO(JB)	2007	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(JB)	2007	USA Area	ECM(Engine Control Module)	Read Data Stream	
RIO(JB)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
RIO(JB)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Closed
RIO(JB)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
RIO(JB)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
RIO(JB)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
RIO(JB)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
RIO(JB)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Clocked
RIO(JB)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
RIO(JB)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
RIO(JB)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
RIO(JB)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
RIO(JB)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
RIO(JB)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
RIO(JB)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
RIO(JB)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
RIO(JB)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
RIO(JB)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
RIO(JB)	2007	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
RIO(JB)	2007	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
RIO(JB)	2007	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
RIO(JB)	2007	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
RIO(JB)	2007	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
RIO(JB)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
RIO(JB)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(JB)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(JB)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(JB)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
RIO(JB)	2007	USA Area	TCM(Transmission Control Module)	Version Information	
RIO(JB)	2007	USA Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(JB)	2007	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(JB)	2007	USA Area	TCM(Transmission Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
RIO(JB)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-A
RIO(JB)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-B
RIO(JB)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-C
RIO(JB)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
RIO(JB)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
RIO(JB)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
RIO(JB)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
RIO(JB)	2007	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
RIO(JB)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
RIO(JB)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
RIO(JB)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
RIO(JB)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
RIO(JB)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
RIO(JB)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
RIO(JB)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
RIO(JB)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
RIO(JB)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
RIO(JB)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
RIO(JB)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
RIO(JB)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
RIO(JB)	2006	USA Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(JB)	2006	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	

model	year	area	system	function	subfunction
RIO(JB)	2006	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(JB)	2006	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(JB)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(JB)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(JB)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(JB)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(JB)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(JB)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(JB)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(JB)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(JB)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(JB)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(JB)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(JB)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
RIO(JB)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
RIO(JB)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
RIO(JB)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
RIO(JB)	2006	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(JB)	2006	USA Area	AC(Air Conditioning)	Version	
RIO(JB)	2006	USA Area	AC(Air Conditioning)	Read Fault Code	
RIO(JB)	2006	USA Area	AC(Air Conditioning)	Clear Fault	
RIO(JB)	2006	USA Area	AC(Air Conditioning)	Read Data	
RIO(JB)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
RIO(JB)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
RIO(JB)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
RIO(JB)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low

model	year	area	system	function	subfunction
RIO(JB)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
RIO(JB)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
RIO(JB)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
RIO(JB)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
RIO(JB)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
RIO(JB)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
RIO(JB)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
RIO(JB)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
RIO(JB)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
RIO(JB)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
RIO(JB)	2006	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
RIO(JB)	2006	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
RIO(JB)	2006	USA Area	ECM(Engine Control Module)	Version Information	
RIO(JB)	2006	USA Area	ECM(Engine Control Module)	Read Fault Code	
RIO(JB)	2006	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(JB)	2006	USA Area	ECM(Engine Control Module)	Read Data Stream	
RIO(JB)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
RIO(JB)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Closed
RIO(JB)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
RIO(JB)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
RIO(JB)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
RIO(JB)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp

model	year	area	system	function	subfunction
RIO(JB)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Clocked
RIO(JB)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
RIO(JB)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
RIO(JB)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
RIO(JB)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
RIO(JB)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
RIO(JB)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(JB)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
RIO(JB)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
RIO(JB)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
RIO(JB)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
RIO(JB)	2006	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
RIO(JB)	2006	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
RIO(JB)	2006	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
RIO(JB)	2006	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
RIO(JB)	2006	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
RIO(JB)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
RIO(JB)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	

model	year	area	system	function	subfunction
RIO(JB)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(JB)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(JB)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
RIO(JB)	2006	USA Area	TCM(Transmission Control Module)	Version Information	
RIO(JB)	2006	USA Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(JB)	2006	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(JB)	2006	USA Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(JB)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-A
RIO(JB)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-B
RIO(JB)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-C
RIO(JB)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
RIO(JB)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
RIO(JB)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
RIO(JB)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
RIO(JB)	2006	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
RIO(JB)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
RIO(JB)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
RIO(JB)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
RIO(JB)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
RIO(JB)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp

model	year	area	system	function	subfunction
RIO(JB)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
RIO(JB)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
RIO(JB)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
RIO(JB)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
RIO(JB)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
RIO(JB)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
RIO(JB)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
RIO(UB)	2016	USA Area	ABS/ESC	Version	
RIO(UB)	2016	USA Area	ABS/ESC	Read Fault Code	
RIO(UB)	2016	USA Area	ABS/ESC	Clear Fault	
RIO(UB)	2016	USA Area	ABS/ESC	Read Data	
RIO(UB)	2016	USA Area	ABS/ESC	Actuation Test	Motor
RIO(UB)	2016	USA Area	ABS/ESC	Actuation Test	Inlet Valve-Left Front
RIO(UB)	2016	USA Area	ABS/ESC	Actuation Test	Inlet Valve-Right Front
RIO(UB)	2016	USA Area	ABS/ESC	Actuation Test	Inlet Valve-Left Rear
RIO(UB)	2016	USA Area	ABS/ESC	Actuation Test	Inlet Valve-Right Rear
RIO(UB)	2016	USA Area	ABS/ESC	Actuation Test	Outlet Valve-Left Front
RIO(UB)	2016	USA Area	ABS/ESC	Actuation Test	Outlet Valve-Right Front
RIO(UB)	2016	USA Area	ABS/ESC	Actuation Test	Outlet Valve-Left Rear
RIO(UB)	2016	USA Area	ABS/ESC	Actuation Test	Outlet Valve-Right Rear
RIO(UB)	2016	USA Area	ABS/ESC	Actuation Test	TCS Valve-Left Front
RIO(UB)	2016	USA Area	ABS/ESC	Actuation Test	TCS Valve-Right Front
RIO(UB)	2016	USA Area	ABS/ESC	Actuation Test	Reservoir Cut Valve(PRCV)
RIO(UB)	2016	USA Area	ABS/ESC	Actuation Test	Reservoir Cut Valve(SRCV)
RIO(UB)	2016	USA Area	ABS/ESC	Actuation Test	Electric Shuttle Valve-Right Front

model	year	area	system	function	subfunction
RIO(UB)	2016	USA Area	ABS/ESC	Actuation Test	Electric Shuttle Valve-Left Front
RIO(UB)	2016	USA Area	ABS/ESC	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
RIO(UB)	2016	USA Area	ABS/ESC	Actuation Test	ESS Brake Lamp Relay(ESS Only)
RIO(UB)	2016	USA Area	ABS/ESC	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
RIO(UB)	2016	USA Area	ABS/ESC	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
RIO(UB)	2016	USA Area	ABS/ESC	Special Function	HCU Air Bleeding Mode
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Version	
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Read Fault Code	
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Clear Fault	
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Read Data	
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent

model	year	area	system	function	subfunction
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Vent
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Floor
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defog
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-VENT-0%
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-TEMP-50%
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
RIO(UB)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Version Information	
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Read Fault Code	
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Read Data Stream	
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock Output
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock Output
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Actuation Test	2-Turn Unlock/Dead Lock Output
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Output
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low Output
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Output
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Start inhibit Output
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Output
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Output
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low GND Control Output
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Output(+RK)
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Output
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Output
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Actuation Test	DRL Output(Canada)
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Output
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Defogger Output
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output

model	year	area	system	function	subfunction
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Actuation Test	DRL Europe Output(Dedicated Lamp)
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Actuation Test	RPAS Off Switch Indicator
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Actuation Test	ATM Shift Lock Solenoid
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending Light(LHD)
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending Light(RHD)
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Indicator
RIO(UB)	2016	USA Area	BCM(Body Control Module)	Special Function	User Option
RIO(UB)	2016	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
RIO(UB)	2016	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Version Information	
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Read Fault Code	
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Read Data Stream	
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)

model	year	area	system	function	subfunction
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank

model	year	area	system	function	subfunction
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3

model	year	area	system	function	subfunction
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1

model	year	area	system	function	subfunction
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Special Function	ISG TEST(Option)

model	year	area	system	function	subfunction
RIO(UB)	2016	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
RIO(UB)	2016	USA Area	IMMO(Immobilizer)	Read Fault Code	
RIO(UB)	2016	USA Area	IMMO(Immobilizer)	Clear Fault	
RIO(UB)	2016	USA Area	IMMO(Immobilizer)	Read Data	
RIO(UB)	2016	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
RIO(UB)	2016	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
RIO(UB)	2016	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
RIO(UB)	2016	USA Area	IMMO(Immobilizer)	Special Function	Teaching
RIO(UB)	2016	USA Area	MDPS(Motor Driven Power Steering)	Version Information	
RIO(UB)	2016	USA Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
RIO(UB)	2016	USA Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
RIO(UB)	2016	USA Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
RIO(UB)	2016	USA Area	MDPS(Motor Driven Power Steering)	Actuation Test	Wheel alignment procedure
RIO(UB)	2016	USA Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
RIO(UB)	2016	USA Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
RIO(UB)	2016	USA Area	Smart Key Unit	Version	
RIO(UB)	2016	USA Area	Smart Key Unit	Read Fault Code	
RIO(UB)	2016	USA Area	Smart Key Unit	Clear Fault	
RIO(UB)	2016	USA Area	Smart Key Unit	Read Data	
RIO(UB)	2016	USA Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
RIO(UB)	2016	USA Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
RIO(UB)	2016	USA Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
RIO(UB)	2016	USA Area	Smart Key Unit	Actuation Test	ACC Relay
RIO(UB)	2016	USA Area	Smart Key Unit	Actuation Test	IGN1 Relay
RIO(UB)	2016	USA Area	Smart Key Unit	Actuation Test	IGN2 Relay
RIO(UB)	2016	USA Area	Smart Key Unit	Actuation Test	START Relay
RIO(UB)	2016	USA Area	Smart Key Unit	Actuation Test	External Buzzer
RIO(UB)	2016	USA Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
RIO(UB)	2016	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
RIO(UB)	2016	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
RIO(UB)	2016	USA Area	Smart Key Unit	Actuation Test	Interior Antenna

model	year	area	system	function	subfunction
RIO(UB)	2016	USA Area	Smart Key Unit	Actuation Test	Trunk Antenna(Sedan Only)
RIO(UB)	2016	USA Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
RIO(UB)	2016	USA Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna
RIO(UB)	2016	USA Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
RIO(UB)	2016	USA Area	Smart Key Unit	Special Function	Smart Key Code Saving
RIO(UB)	2016	USA Area	Smart Key Unit	Special Function	Neutralization Mode
RIO(UB)	2016	USA Area	Smart Key Unit	Special Function	SMK Status Information
RIO(UB)	2016	USA Area	Smart Key Unit	Special Function	FOB KEY Status Information
RIO(UB)	2016	USA Area	Smart Key Unit	Special Function	Current FOB Key Check
RIO(UB)	2016	USA Area	Smart Key Unit	Special Function	Antenna Status Check
RIO(UB)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
RIO(UB)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(UB)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(UB)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(UB)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
RIO(UB)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
RIO(UB)	2016	USA Area	TCM(Transmission Control Module)	Version Information	
RIO(UB)	2016	USA Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(UB)	2016	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
RIO(UB)	2016	USA Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(UB)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
RIO(UB)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
RIO(UB)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
RIO(UB)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
RIO(UB)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
RIO(UB)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
RIO(UB)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
RIO(UB)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
RIO(UB)	2016	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
RIO(UB)	2016	USA Area	Telematics Unit	Version	
RIO(UB)	2016	USA Area	Telematics Unit	Read Fault Code	
RIO(UB)	2016	USA Area	Telematics Unit	Clear Fault	
RIO(UB)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
RIO(UB)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
RIO(UB)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
RIO(UB)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
RIO(UB)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
RIO(UB)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
RIO(UB)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN

model	year	area	system	function	subfunction
RIO(UB)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
RIO(UB)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
RIO(UB)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
RIO(UB)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
RIO(UB)	2015	USA Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(UB)	2015	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(UB)	2015	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(UB)	2015	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(UB)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(UB)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(UB)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(UB)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(UB)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(UB)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(UB)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(UB)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(UB)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(UB)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(UB)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(UB)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
RIO(UB)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
RIO(UB)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
RIO(UB)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front

model	year	area	system	function	subfunction
RIO(UB)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
RIO(UB)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
RIO(UB)	2015	USA Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
RIO(UB)	2015	USA Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
RIO(UB)	2015	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Version	
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Read Fault Code	
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Clear Fault	
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Read Data	
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor

model	year	area	system	function	subfunction
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Vent
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Floor
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Def
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-VENT-0%
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-TEMP-50%
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
RIO(UB)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
RIO(UB)	2015	USA Area	BCM(Body Control Module)	Version Information	
RIO(UB)	2015	USA Area	BCM(Body Control Module)	Read Fault Code	
RIO(UB)	2015	USA Area	BCM(Body Control Module)	Clear Fault Memory	
RIO(UB)	2015	USA Area	BCM(Body Control Module)	Read Data Stream	
RIO(UB)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock Output

model	year	area	system	function	subfunction
RIO(UB)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock Output
RIO(UB)	2015	USA Area	BCM(Body Control Module)	Actuation Test	2-Turn Unlock/Dead Lock Output
RIO(UB)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Output
RIO(UB)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low Output
RIO(UB)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Output
RIO(UB)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Start inhibit Output
RIO(UB)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Output
RIO(UB)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
RIO(UB)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Output
RIO(UB)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
RIO(UB)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low GND Control Output
RIO(UB)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Output(+RK)
RIO(UB)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
RIO(UB)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
RIO(UB)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Output
RIO(UB)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Output
RIO(UB)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Defogger Output
RIO(UB)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
RIO(UB)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
RIO(UB)	2015	USA Area	BCM(Body Control Module)	Actuation Test	DRL Europe Output(Dedicated Lamp)
RIO(UB)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut

model	year	area	system	function	subfunction
RIO(UB)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
RIO(UB)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
RIO(UB)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
RIO(UB)	2015	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
RIO(UB)	2015	USA Area	BCM(Body Control Module)	Actuation Test	ATM Shift Lock Solenoid
RIO(UB)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
RIO(UB)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Indicator
RIO(UB)	2015	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
RIO(UB)	2015	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Version Information	
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Read Fault Code	
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Read Data Stream	
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay

model	year	area	system	function	subfunction
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer

model	year	area	system	function	subfunction
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1

model	year	area	system	function	subfunction
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1

model	year	area	system	function	subfunction
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Special Function	ISG TEST(Option)
RIO(UB)	2015	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
RIO(UB)	2015	USA Area	IMMO(Immobilizer)	Read Fault Code	
RIO(UB)	2015	USA Area	IMMO(Immobilizer)	Clear Fault	
RIO(UB)	2015	USA Area	IMMO(Immobilizer)	Read Data	
RIO(UB)	2015	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
RIO(UB)	2015	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
RIO(UB)	2015	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
RIO(UB)	2015	USA Area	IMMO(Immobilizer)	Special Function	Teaching
RIO(UB)	2015	USA Area	MDPS(Motor Driven Power Steering)	Version Information	
RIO(UB)	2015	USA Area	MDPS(Motor Driven Power Steering)	Read Fault Code	

model	year	area	system	function	subfunction
RIO(UB)	2015	USA Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
RIO(UB)	2015	USA Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
RIO(UB)	2015	USA Area	MDPS(Motor Driven Power Steering)	Actuation Test	Wheel alignment procedure
RIO(UB)	2015	USA Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
RIO(UB)	2015	USA Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
RIO(UB)	2015	USA Area	Smart Key Unit	Version	
RIO(UB)	2015	USA Area	Smart Key Unit	Read Fault Code	
RIO(UB)	2015	USA Area	Smart Key Unit	Clear Fault	
RIO(UB)	2015	USA Area	Smart Key Unit	Read Data	
RIO(UB)	2015	USA Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
RIO(UB)	2015	USA Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
RIO(UB)	2015	USA Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
RIO(UB)	2015	USA Area	Smart Key Unit	Actuation Test	ACC Relay
RIO(UB)	2015	USA Area	Smart Key Unit	Actuation Test	IGN1 Relay
RIO(UB)	2015	USA Area	Smart Key Unit	Actuation Test	IGN2 Relay
RIO(UB)	2015	USA Area	Smart Key Unit	Actuation Test	START Relay
RIO(UB)	2015	USA Area	Smart Key Unit	Actuation Test	External Buzzer
RIO(UB)	2015	USA Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
RIO(UB)	2015	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
RIO(UB)	2015	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
RIO(UB)	2015	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
RIO(UB)	2015	USA Area	Smart Key Unit	Actuation Test	Trunk Antenna(Sedan Only)
RIO(UB)	2015	USA Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
RIO(UB)	2015	USA Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna
RIO(UB)	2015	USA Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
RIO(UB)	2015	USA Area	Smart Key Unit	Special Function	Smart Key Code Saving
RIO(UB)	2015	USA Area	Smart Key Unit	Special Function	Neutralization Mode
RIO(UB)	2015	USA Area	Smart Key Unit	Special Function	SMK Status Information

model	year	area	system	function	subfunction
RIO(UB)	2015	USA Area	Smart Key Unit	Special Function	FOB KEY Status Information
RIO(UB)	2015	USA Area	Smart Key Unit	Special Function	Current FOB Key Check
RIO(UB)	2015	USA Area	Smart Key Unit	Special Function	Antenna Status Check
RIO(UB)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
RIO(UB)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(UB)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(UB)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(UB)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
RIO(UB)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
RIO(UB)	2015	USA Area	TCM(Transmission Control Module)	Version Information	
RIO(UB)	2015	USA Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(UB)	2015	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(UB)	2015	USA Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(UB)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
RIO(UB)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
RIO(UB)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
RIO(UB)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)

model	year	area	system	function	subfunction
RIO(UB)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
RIO(UB)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
RIO(UB)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
RIO(UB)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
RIO(UB)	2015	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
RIO(UB)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
RIO(UB)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
RIO(UB)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
RIO(UB)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
RIO(UB)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
RIO(UB)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
RIO(UB)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
RIO(UB)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
RIO(UB)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
RIO(UB)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
RIO(UB)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
RIO(UB)	2014	USA Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(UB)	2014	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(UB)	2014	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(UB)	2014	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(UB)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor

model	year	area	system	function	subfunction
RIO(UB)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(UB)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(UB)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(UB)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(UB)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(UB)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(UB)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(UB)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(UB)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(UB)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(UB)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
RIO(UB)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
RIO(UB)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
RIO(UB)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
RIO(UB)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
RIO(UB)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
RIO(UB)	2014	USA Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
RIO(UB)	2014	USA Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
RIO(UB)	2014	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Version	
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Read Fault Code	

model	year	area	system	function	subfunction
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Clear Fault	
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Read Data	
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Vent
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Floor
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Def
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-VENT-0%

model	year	area	system	function	subfunction
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-TEMP-50%
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
RIO(UB)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
RIO(UB)	2014	USA Area	BCM(Body Control Module)	Version Information	
RIO(UB)	2014	USA Area	BCM(Body Control Module)	Read Fault Code	
RIO(UB)	2014	USA Area	BCM(Body Control Module)	Clear Fault Memory	
RIO(UB)	2014	USA Area	BCM(Body Control Module)	Read Data Stream	
RIO(UB)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock Output
RIO(UB)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock Output
RIO(UB)	2014	USA Area	BCM(Body Control Module)	Actuation Test	2-Turn Unlock/Dead Lock Output
RIO(UB)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Output
RIO(UB)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low Output
RIO(UB)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Output
RIO(UB)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Start inhibit Output
RIO(UB)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Output
RIO(UB)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output

model	year	area	system	function	subfunction
RIO(UB)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Output
RIO(UB)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
RIO(UB)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low GND Control Output
RIO(UB)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Output(+RK)
RIO(UB)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
RIO(UB)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
RIO(UB)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Output
RIO(UB)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Output
RIO(UB)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Defogger Output
RIO(UB)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
RIO(UB)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
RIO(UB)	2014	USA Area	BCM(Body Control Module)	Actuation Test	DRL Europe Output(Dedicated Lamp)
RIO(UB)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut
RIO(UB)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
RIO(UB)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
RIO(UB)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
RIO(UB)	2014	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
RIO(UB)	2014	USA Area	BCM(Body Control Module)	Actuation Test	ATM Shift Lock Solenoid
RIO(UB)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
RIO(UB)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Indicator
RIO(UB)	2014	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	

model	year	area	system	function	subfunction
RIO(UB)	2014	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Version Information	
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Read Fault Code	
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Read Data Stream	
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG

model	year	area	system	function	subfunction
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters

model	year	area	system	function	subfunction
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3

model	year	area	system	function	subfunction
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Special Function	ISG TEST(Option)
RIO(UB)	2014	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
RIO(UB)	2014	USA Area	IMMO(Immobilizer)	Read Fault Code	
RIO(UB)	2014	USA Area	IMMO(Immobilizer)	Clear Fault	
RIO(UB)	2014	USA Area	IMMO(Immobilizer)	Read Data	
RIO(UB)	2014	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
RIO(UB)	2014	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
RIO(UB)	2014	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
RIO(UB)	2014	USA Area	IMMO(Immobilizer)	Special Function	Teaching
RIO(UB)	2014	USA Area	MDPS(Motor Driven Power Steering)	Version Information	
RIO(UB)	2014	USA Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
RIO(UB)	2014	USA Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
RIO(UB)	2014	USA Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
RIO(UB)	2014	USA Area	MDPS(Motor Driven Power Steering)	Actuation Test	Wheel alignment procedure
RIO(UB)	2014	USA Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
RIO(UB)	2014	USA Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
RIO(UB)	2014	USA Area	Smart Key Unit	Version	
RIO(UB)	2014	USA Area	Smart Key Unit	Read Fault Code	
RIO(UB)	2014	USA Area	Smart Key Unit	Clear Fault	
RIO(UB)	2014	USA Area	Smart Key Unit	Read Data	
RIO(UB)	2014	USA Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
RIO(UB)	2014	USA Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green

model	year	area	system	function	subfunction
RIO(UB)	2014	USA Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
RIO(UB)	2014	USA Area	Smart Key Unit	Actuation Test	ACC Relay
RIO(UB)	2014	USA Area	Smart Key Unit	Actuation Test	IGN1 Relay
RIO(UB)	2014	USA Area	Smart Key Unit	Actuation Test	IGN2 Relay
RIO(UB)	2014	USA Area	Smart Key Unit	Actuation Test	START Relay
RIO(UB)	2014	USA Area	Smart Key Unit	Actuation Test	External Buzzer
RIO(UB)	2014	USA Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
RIO(UB)	2014	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
RIO(UB)	2014	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
RIO(UB)	2014	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
RIO(UB)	2014	USA Area	Smart Key Unit	Actuation Test	Trunk Antenna(Sedan Only)
RIO(UB)	2014	USA Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
RIO(UB)	2014	USA Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna
RIO(UB)	2014	USA Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
RIO(UB)	2014	USA Area	Smart Key Unit	Special Function	Smart Key Code Saving
RIO(UB)	2014	USA Area	Smart Key Unit	Special Function	Neutralization Mode
RIO(UB)	2014	USA Area	Smart Key Unit	Special Function	SMK Status Information
RIO(UB)	2014	USA Area	Smart Key Unit	Special Function	FOB KEY Status Information
RIO(UB)	2014	USA Area	Smart Key Unit	Special Function	Current FOB Key Check
RIO(UB)	2014	USA Area	Smart Key Unit	Special Function	Antenna Status Check
RIO(UB)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
RIO(UB)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(UB)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(UB)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	

model	year	area	system	function	subfunction
RIO(UB)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
RIO(UB)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
RIO(UB)	2014	USA Area	TCM(Transmission Control Module)	Version Information	
RIO(UB)	2014	USA Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(UB)	2014	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(UB)	2014	USA Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(UB)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
RIO(UB)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
RIO(UB)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
RIO(UB)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
RIO(UB)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
RIO(UB)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
RIO(UB)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
RIO(UB)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
RIO(UB)	2014	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
RIO(UB)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
RIO(UB)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
RIO(UB)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	

model	year	area	system	function	subfunction
RIO(UB)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
RIO(UB)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
RIO(UB)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
RIO(UB)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
RIO(UB)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
RIO(UB)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
RIO(UB)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
RIO(UB)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
RIO(UB)	2013	USA Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(UB)	2013	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(UB)	2013	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
RIO(UB)	2013	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(UB)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(UB)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(UB)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(UB)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(UB)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(UB)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(UB)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(UB)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(UB)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(UB)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(UB)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front

model	year	area	system	function	subfunction
RIO(UB)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
RIO(UB)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
RIO(UB)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
RIO(UB)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
RIO(UB)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
RIO(UB)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
RIO(UB)	2013	USA Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
RIO(UB)	2013	USA Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
RIO(UB)	2013	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Version	
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Read Fault Code	
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Clear Fault	
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Read Data	
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%

model	year	area	system	function	subfunction
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Vent
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Floor
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Def
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-VENT-0%
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-TEMP-50%
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
RIO(UB)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
RIO(UB)	2013	USA Area	BCM(Body Control Module)	Version Information	

model	year	area	system	function	subfunction
RIO(UB)	2013	USA Area	BCM(Body Control Module)	Read Fault Code	
RIO(UB)	2013	USA Area	BCM(Body Control Module)	Clear Fault Memory	
RIO(UB)	2013	USA Area	BCM(Body Control Module)	Read Data Stream	
RIO(UB)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock Output
RIO(UB)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock Output
RIO(UB)	2013	USA Area	BCM(Body Control Module)	Actuation Test	2-Turn Unlock/Dead Lock Output
RIO(UB)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Output
RIO(UB)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low Output
RIO(UB)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Output
RIO(UB)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Start inhibit Output
RIO(UB)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Output
RIO(UB)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
RIO(UB)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Output
RIO(UB)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
RIO(UB)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low GND Control Output
RIO(UB)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Output(+RK)
RIO(UB)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
RIO(UB)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
RIO(UB)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Output
RIO(UB)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Output
RIO(UB)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Defogger Output
RIO(UB)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output

model	year	area	system	function	subfunction
RIO(UB)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
RIO(UB)	2013	USA Area	BCM(Body Control Module)	Actuation Test	DRL Europe Output(Dedicated Lamp)
RIO(UB)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut
RIO(UB)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
RIO(UB)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
RIO(UB)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
RIO(UB)	2013	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
RIO(UB)	2013	USA Area	BCM(Body Control Module)	Actuation Test	ATM Shift Lock Solenoid
RIO(UB)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
RIO(UB)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Indicator
RIO(UB)	2013	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
RIO(UB)	2013	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Version Information	
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Read Fault Code	
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Read Data Stream	
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)

model	year	area	system	function	subfunction
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)

model	year	area	system	function	subfunction
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8

model	year	area	system	function	subfunction
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2

model	year	area	system	function	subfunction
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
RIO(UB)	2013	USA Area	ECM(Engine Control Module)	Special Function	ISG TEST(Option)
RIO(UB)	2013	USA Area	IMMO(Immobilizer)	Read Fault Code	
RIO(UB)	2013	USA Area	IMMO(Immobilizer)	Clear Fault	
RIO(UB)	2013	USA Area	IMMO(Immobilizer)	Read Data	
RIO(UB)	2013	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
RIO(UB)	2013	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
RIO(UB)	2013	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
RIO(UB)	2013	USA Area	IMMO(Immobilizer)	Special Function	Teaching

model	year	area	system	function	subfunction
RIO(UB)	2013	USA Area	MDPS(Motor Driven Power Steering)	Version Information	
RIO(UB)	2013	USA Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
RIO(UB)	2013	USA Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
RIO(UB)	2013	USA Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
RIO(UB)	2013	USA Area	MDPS(Motor Driven Power Steering)	Actuation Test	Wheel alignment procedure
RIO(UB)	2013	USA Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
RIO(UB)	2013	USA Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
RIO(UB)	2013	USA Area	Smart Key Unit	Version	
RIO(UB)	2013	USA Area	Smart Key Unit	Read Fault Code	
RIO(UB)	2013	USA Area	Smart Key Unit	Clear Fault	
RIO(UB)	2013	USA Area	Smart Key Unit	Read Data	
RIO(UB)	2013	USA Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
RIO(UB)	2013	USA Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
RIO(UB)	2013	USA Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
RIO(UB)	2013	USA Area	Smart Key Unit	Actuation Test	ACC Relay
RIO(UB)	2013	USA Area	Smart Key Unit	Actuation Test	IGN1 Relay
RIO(UB)	2013	USA Area	Smart Key Unit	Actuation Test	IGN2 Relay
RIO(UB)	2013	USA Area	Smart Key Unit	Actuation Test	START Relay
RIO(UB)	2013	USA Area	Smart Key Unit	Actuation Test	External Buzzer
RIO(UB)	2013	USA Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
RIO(UB)	2013	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
RIO(UB)	2013	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
RIO(UB)	2013	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
RIO(UB)	2013	USA Area	Smart Key Unit	Actuation Test	Trunk Antenna(Sedan Only)
RIO(UB)	2013	USA Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
RIO(UB)	2013	USA Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna
RIO(UB)	2013	USA Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
RIO(UB)	2013	USA Area	Smart Key Unit	Special Function	Smart Key Code Saving

model	year	area	system	function	subfunction
RIO(UB)	2013	USA Area	Smart Key Unit	Special Function	Neutralization Mode
RIO(UB)	2013	USA Area	Smart Key Unit	Special Function	SMK Status Information
RIO(UB)	2013	USA Area	Smart Key Unit	Special Function	FOB KEY Status Information
RIO(UB)	2013	USA Area	Smart Key Unit	Special Function	Current FOB Key Check
RIO(UB)	2013	USA Area	Smart Key Unit	Special Function	Antenna Status Check
RIO(UB)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
RIO(UB)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(UB)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(UB)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
RIO(UB)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
RIO(UB)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
RIO(UB)	2013	USA Area	TCM(Transmission Control Module)	Version Information	
RIO(UB)	2013	USA Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(UB)	2013	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(UB)	2013	USA Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(UB)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
RIO(UB)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
RIO(UB)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)

model	year	area	system	function	subfunction
RIO(UB)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
RIO(UB)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
RIO(UB)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
RIO(UB)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
RIO(UB)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
RIO(UB)	2013	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
RIO(UB)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
RIO(UB)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
RIO(UB)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
RIO(UB)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
RIO(UB)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
RIO(UB)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
RIO(UB)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
RIO(UB)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
RIO(UB)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
RIO(UB)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
RIO(UB)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
RIO(UB)	2012	USA Area	ABS(Anti-Lock Brake System)	Version Information	
RIO(UB)	2012	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
RIO(UB)	2012	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	

model	year	area	system	function	subfunction
RIO(UB)	2012	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
RIO(UB)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
RIO(UB)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
RIO(UB)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
RIO(UB)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
RIO(UB)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
RIO(UB)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
RIO(UB)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
RIO(UB)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
RIO(UB)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
RIO(UB)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
RIO(UB)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
RIO(UB)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
RIO(UB)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
RIO(UB)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
RIO(UB)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
RIO(UB)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
RIO(UB)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
RIO(UB)	2012	USA Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
RIO(UB)	2012	USA Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)

model	year	area	system	function	subfunction
RIO(UB)	2012	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Version	
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Read Fault Code	
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Clear Fault	
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Read Data	
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Vent
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Floor
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger mode door-Def
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation

model	year	area	system	function	subfunction
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-VENT-0%
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-TEMP-50%
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
RIO(UB)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
RIO(UB)	2012	USA Area	BCM(Body Control Module)	Version Information	
RIO(UB)	2012	USA Area	BCM(Body Control Module)	Read Fault Code	
RIO(UB)	2012	USA Area	BCM(Body Control Module)	Clear Fault Memory	
RIO(UB)	2012	USA Area	BCM(Body Control Module)	Read Data Stream	
RIO(UB)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock Output
RIO(UB)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock Output
RIO(UB)	2012	USA Area	BCM(Body Control Module)	Actuation Test	2-Turn Unlock/Dead Lock Output
RIO(UB)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Output
RIO(UB)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low Output
RIO(UB)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Output
RIO(UB)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Start inhibit Output

model	year	area	system	function	subfunction
RIO(UB)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Output
RIO(UB)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
RIO(UB)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Output
RIO(UB)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
RIO(UB)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low GND Control Output
RIO(UB)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Output(+RK)
RIO(UB)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
RIO(UB)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
RIO(UB)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Output
RIO(UB)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Output
RIO(UB)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Defogger Output
RIO(UB)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
RIO(UB)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
RIO(UB)	2012	USA Area	BCM(Body Control Module)	Actuation Test	DRL Europe Output(Dedicated Lamp)
RIO(UB)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut
RIO(UB)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
RIO(UB)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
RIO(UB)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
RIO(UB)	2012	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
RIO(UB)	2012	USA Area	BCM(Body Control Module)	Actuation Test	ATM Shift Lock Solenoid
RIO(UB)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer

model	year	area	system	function	subfunction
RIO(UB)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Indicator
RIO(UB)	2012	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
RIO(UB)	2012	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Version Information	
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Read Fault Code	
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Read Data Stream	
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump

model	year	area	system	function	subfunction
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters

model	year	area	system	function	subfunction
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2

model	year	area	system	function	subfunction
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
RIO(UB)	2012	USA Area	ECM(Engine Control Module)	Special Function	ISG TEST(Option)
RIO(UB)	2012	USA Area	IMMO(Immobilizer)	Read Fault Code	
RIO(UB)	2012	USA Area	IMMO(Immobilizer)	Clear Fault	
RIO(UB)	2012	USA Area	IMMO(Immobilizer)	Read Data	
RIO(UB)	2012	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
RIO(UB)	2012	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
RIO(UB)	2012	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
RIO(UB)	2012	USA Area	IMMO(Immobilizer)	Special Function	Teaching
RIO(UB)	2012	USA Area	MDPS(Motor Driven Power Steering)	Version Information	
RIO(UB)	2012	USA Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
RIO(UB)	2012	USA Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
RIO(UB)	2012	USA Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
RIO(UB)	2012	USA Area	MDPS(Motor Driven Power Steering)	Actuation Test	Wheel alignment procedure
RIO(UB)	2012	USA Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
RIO(UB)	2012	USA Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
RIO(UB)	2012	USA Area	Smart Key Unit	Version	
RIO(UB)	2012	USA Area	Smart Key Unit	Read Fault Code	
RIO(UB)	2012	USA Area	Smart Key Unit	Clear Fault	
RIO(UB)	2012	USA Area	Smart Key Unit	Read Data	
RIO(UB)	2012	USA Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
RIO(UB)	2012	USA Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green

model	year	area	system	function	subfunction
RIO(UB)	2012	USA Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
RIO(UB)	2012	USA Area	Smart Key Unit	Actuation Test	ACC Relay
RIO(UB)	2012	USA Area	Smart Key Unit	Actuation Test	IGN1 Relay
RIO(UB)	2012	USA Area	Smart Key Unit	Actuation Test	IGN2 Relay
RIO(UB)	2012	USA Area	Smart Key Unit	Actuation Test	START Relay
RIO(UB)	2012	USA Area	Smart Key Unit	Actuation Test	External Buzzer
RIO(UB)	2012	USA Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
RIO(UB)	2012	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
RIO(UB)	2012	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
RIO(UB)	2012	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
RIO(UB)	2012	USA Area	Smart Key Unit	Actuation Test	Trunk Antenna(Sedan Only)
RIO(UB)	2012	USA Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
RIO(UB)	2012	USA Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna
RIO(UB)	2012	USA Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
RIO(UB)	2012	USA Area	Smart Key Unit	Special Function	Smart Key Code Saving
RIO(UB)	2012	USA Area	Smart Key Unit	Special Function	Neutralization Mode
RIO(UB)	2012	USA Area	Smart Key Unit	Special Function	SMK Status Information
RIO(UB)	2012	USA Area	Smart Key Unit	Special Function	FOB KEY Status Information
RIO(UB)	2012	USA Area	Smart Key Unit	Special Function	Current FOB Key Check
RIO(UB)	2012	USA Area	Smart Key Unit	Special Function	Antenna Status Check
RIO(UB)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
RIO(UB)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
RIO(UB)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
RIO(UB)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	

model	year	area	system	function	subfunction
RIO(UB)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
RIO(UB)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
RIO(UB)	2012	USA Area	TCM(Transmission Control Module)	Version Information	
RIO(UB)	2012	USA Area	TCM(Transmission Control Module)	Read Fault Code	
RIO(UB)	2012	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
RIO(UB)	2012	USA Area	TCM(Transmission Control Module)	Read Data Stream	
RIO(UB)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
RIO(UB)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
RIO(UB)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
RIO(UB)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
RIO(UB)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
RIO(UB)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
RIO(UB)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
RIO(UB)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
RIO(UB)	2012	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
RIO(UB)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
RIO(UB)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
RIO(UB)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	

model	year	area	system	function	subfunction
RIO(UB)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
RIO(UB)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
RIO(UB)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
RIO(UB)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
RIO(UB)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
RIO(UB)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
RIO(UB)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
RIO(UB)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Rondo(UN)	2010	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Rondo(UN)	2010	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Rondo(UN)	2010	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Rondo(UN)	2010	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Rondo(UN)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Rondo(UN)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Rondo(UN)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Rondo(UN)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Rondo(UN)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Rondo(UN)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Rondo(UN)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Rondo(UN)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Rondo(UN)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Rondo(UN)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Rondo(UN)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front

model	year	area	system	function	subfunction
Rondo(UN)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
Rondo(UN)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
Rondo(UN)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
Rondo(UN)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
Rondo(UN)	2010	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Version	
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Read Fault Code	
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Clear Fault	
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Read Data	
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low

model	year	area	system	function	subfunction
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Rondo(UN)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Rondo(UN)	2010	USA Area	BCM(Body Control Module)	Version Information	
Rondo(UN)	2010	USA Area	BCM(Body Control Module)	Read Data Stream	
Rondo(UN)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Rondo(UN)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Rondo(UN)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Rondo(UN)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate unlock relay
Rondo(UN)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay

model	year	area	system	function	subfunction
Rondo(UN)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Rondo(UN)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Rondo(UN)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Rondo(UN)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Starter Inhibit Relay
Rondo(UN)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Rondo(UN)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Rondo(UN)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Rondo(UN)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Rondo(UN)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Rondo(UN)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Rondo(UN)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Rondo(UN)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Rondo(UN)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Folding Mirror Relay
Rondo(UN)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Rondo(UN)	2010	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Rondo(UN)	2010	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Version Information	
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Read Fault Code	
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Read Data Stream	
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2

model	year	area	system	function	subfunction
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front

model	year	area	system	function	subfunction
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Special Function	CVVT Test
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test

model	year	area	system	function	subfunction
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Rondo(UN)	2010	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Rondo(UN)	2010	USA Area	IMMO(Immobilizer)	Read Data	
Rondo(UN)	2010	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Rondo(UN)	2010	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Rondo(UN)	2010	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Rondo(UN)	2010	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Rondo(UN)	2010	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Rondo(UN)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Rondo(UN)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Rondo(UN)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Rondo(UN)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Rondo(UN)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Rondo(UN)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
Rondo(UN)	2010	USA Area	TCM(Transmission Control Module)	Version Information	
Rondo(UN)	2010	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Rondo(UN)	2010	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Rondo(UN)	2010	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Rondo(UN)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Rondo(UN)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-

model	year	area	system	function	subfunction
Rondo(UN)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Rondo(UN)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Rondo(UN)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Rondo(UN)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Rondo(UN)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Rondo(UN)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay(5A/T ONLY)
Rondo(UN)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Rondo(UN)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Rondo(UN)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Rondo(UN)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Rondo(UN)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Rondo(UN)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Rondo(UN)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Rondo(UN)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Rondo(UN)	2010	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Rondo(UN)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Rondo(UN)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Rondo(UN)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Rondo(UN)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Rondo(UN)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Rondo(UN)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Rondo(UN)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Rondo(UN)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN

model	year	area	system	function	subfunction
Rondo(UN)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Rondo(UN)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Rondo(UN)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Rondo(UN)	2009	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Rondo(UN)	2009	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Rondo(UN)	2009	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Rondo(UN)	2009	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Rondo(UN)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Rondo(UN)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Rondo(UN)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Rondo(UN)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Rondo(UN)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Rondo(UN)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Rondo(UN)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Rondo(UN)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Rondo(UN)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Rondo(UN)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Rondo(UN)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Rondo(UN)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
Rondo(UN)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
Rondo(UN)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
Rondo(UN)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
Rondo(UN)	2009	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode

model	year	area	system	function	subfunction
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Version	
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Read Fault Code	
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Clear Fault	
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Read Data	
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%

model	year	area	system	function	subfunction
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Rondo(UN)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Rondo(UN)	2009	USA Area	BCM(Body Control Module)	Version Information	
Rondo(UN)	2009	USA Area	BCM(Body Control Module)	Read Data Stream	
Rondo(UN)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Rondo(UN)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Rondo(UN)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Rondo(UN)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate unlock relay
Rondo(UN)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Rondo(UN)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Rondo(UN)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Rondo(UN)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Rondo(UN)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Starter Inhibit Relay
Rondo(UN)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay

model	year	area	system	function	subfunction
Rondo(UN)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Rondo(UN)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Rondo(UN)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Rondo(UN)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Rondo(UN)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Rondo(UN)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Rondo(UN)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Rondo(UN)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Folding Mirror Relay
Rondo(UN)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Rondo(UN)	2009	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Rondo(UN)	2009	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Version Information	
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Read Fault Code	
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Read Data Stream	
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Clocked
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)

model	year	area	system	function	subfunction
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve for CVVT(OCV)
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve for CVVT Exhaust side
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Switch
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(SULEV
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5

model	year	area	system	function	subfunction
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Special Function	CVVT Test
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Rondo(UN)	2009	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Rondo(UN)	2009	USA Area	IMMO(Immobilizer)	Read Data	
Rondo(UN)	2009	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin

model	year	area	system	function	subfunction
Rondo(UN)	2009	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Rondo(UN)	2009	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Rondo(UN)	2009	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Rondo(UN)	2009	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Rondo(UN)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Rondo(UN)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Rondo(UN)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Rondo(UN)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Rondo(UN)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Rondo(UN)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
Rondo(UN)	2009	USA Area	TCM(Transmission Control Module)	Version Information	
Rondo(UN)	2009	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Rondo(UN)	2009	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Rondo(UN)	2009	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Rondo(UN)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Rondo(UN)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Rondo(UN)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Rondo(UN)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Rondo(UN)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Rondo(UN)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Rondo(UN)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve

model	year	area	system	function	subfunction
Rondo(UN)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay(5A/T ONLY)
Rondo(UN)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Rondo(UN)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Rondo(UN)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Rondo(UN)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Rondo(UN)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Rondo(UN)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Rondo(UN)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Rondo(UN)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Rondo(UN)	2009	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Rondo(UN)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Rondo(UN)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Rondo(UN)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Rondo(UN)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Rondo(UN)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Rondo(UN)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Rondo(UN)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Rondo(UN)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Rondo(UN)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Rondo(UN)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Rondo(UN)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Rondo(UN)	2008	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Rondo(UN)	2008	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	

model	year	area	system	function	subfunction
Rondo(UN)	2008	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Rondo(UN)	2008	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Rondo(UN)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Rondo(UN)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Rondo(UN)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Rondo(UN)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Rondo(UN)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Rondo(UN)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Rondo(UN)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Rondo(UN)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Rondo(UN)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Rondo(UN)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Rondo(UN)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Rondo(UN)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
Rondo(UN)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
Rondo(UN)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
Rondo(UN)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
Rondo(UN)	2008	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Version	
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Read Fault Code	
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Clear Fault	
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Read Data	
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low

model	year	area	system	function	subfunction
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%

model	year	area	system	function	subfunction
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Rondo(UN)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Rondo(UN)	2008	USA Area	BCM(Body Control Module)	Version Information	
Rondo(UN)	2008	USA Area	BCM(Body Control Module)	Read Data Stream	
Rondo(UN)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Rondo(UN)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Rondo(UN)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Rondo(UN)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate unlock relay
Rondo(UN)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Rondo(UN)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Rondo(UN)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Rondo(UN)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Rondo(UN)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Starter Inhibit Relay
Rondo(UN)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Rondo(UN)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Rondo(UN)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Rondo(UN)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Rondo(UN)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)

model	year	area	system	function	subfunction
Rondo(UN)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Rondo(UN)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Rondo(UN)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Rondo(UN)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Folding Mirror Relay
Rondo(UN)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Rondo(UN)	2008	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Rondo(UN)	2008	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Version Information	
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Read Fault Code	
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Read Data Stream	
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Clocked
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values

model	year	area	system	function	subfunction
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Special Function	CVVT Test
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Rondo(UN)	2008	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Rondo(UN)	2008	USA Area	IMMO(Immobilizer)	Read Data	
Rondo(UN)	2008	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Rondo(UN)	2008	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Rondo(UN)	2008	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Rondo(UN)	2008	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Rondo(UN)	2008	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Rondo(UN)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Rondo(UN)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Rondo(UN)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Rondo(UN)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Rondo(UN)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Rondo(UN)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset

model	year	area	system	function	subfunction
Rondo(UN)	2008	USA Area	TCM(Transmission Control Module)	Version Information	
Rondo(UN)	2008	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Rondo(UN)	2008	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Rondo(UN)	2008	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Rondo(UN)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Rondo(UN)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Rondo(UN)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Rondo(UN)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Rondo(UN)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Rondo(UN)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Rondo(UN)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Rondo(UN)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay(5A/T ONLY)
Rondo(UN)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Rondo(UN)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Rondo(UN)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Rondo(UN)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Rondo(UN)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Rondo(UN)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Rondo(UN)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Rondo(UN)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Rondo(UN)	2008	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Rondo(UN)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	

model	year	area	system	function	subfunction
Rondo(UN)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Rondo(UN)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Rondo(UN)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Rondo(UN)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Rondo(UN)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Rondo(UN)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Rondo(UN)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Rondo(UN)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Rondo(UN)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Rondo(UN)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Rondo(UN)	2007	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Rondo(UN)	2007	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Rondo(UN)	2007	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Rondo(UN)	2007	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Rondo(UN)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Rondo(UN)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Rondo(UN)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Rondo(UN)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Rondo(UN)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Rondo(UN)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Rondo(UN)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Rondo(UN)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Rondo(UN)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear

model	year	area	system	function	subfunction
Rondo(UN)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Rondo(UN)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Rondo(UN)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
Rondo(UN)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
Rondo(UN)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
Rondo(UN)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
Rondo(UN)	2007	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Version	
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Read Fault Code	
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Clear Fault	
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Read Data	
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation

model	year	area	system	function	subfunction
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Rondo(UN)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Rondo(UN)	2007	USA Area	BCM(Body Control Module)	Version Information	
Rondo(UN)	2007	USA Area	BCM(Body Control Module)	Read Data Stream	
Rondo(UN)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Rondo(UN)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Rondo(UN)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay

model	year	area	system	function	subfunction
Rondo(UN)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate unlock relay
Rondo(UN)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Rondo(UN)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Rondo(UN)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Rondo(UN)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Rondo(UN)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Starter Inhibit Relay
Rondo(UN)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Rondo(UN)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Rondo(UN)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Rondo(UN)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Rondo(UN)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Assist seat belt indicator(EC)
Rondo(UN)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Rondo(UN)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Rondo(UN)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Rondo(UN)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Folding Mirror Relay
Rondo(UN)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Rondo(UN)	2007	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Rondo(UN)	2007	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Version Information	
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Read Fault Code	
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Indicator Lamp
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Clocked
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1

model	year	area	system	function	subfunction
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Special Function	CVVT Test
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Rondo(UN)	2007	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Rondo(UN)	2007	USA Area	IMMO(Immobilizer)	Read Data	
Rondo(UN)	2007	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Rondo(UN)	2007	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Rondo(UN)	2007	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Rondo(UN)	2007	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode

model	year	area	system	function	subfunction
Rondo(UN)	2007	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Rondo(UN)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Rondo(UN)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Rondo(UN)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Rondo(UN)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Rondo(UN)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Rondo(UN)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
Rondo(UN)	2007	USA Area	TCM(Transmission Control Module)	Version Information	
Rondo(UN)	2007	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Rondo(UN)	2007	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Rondo(UN)	2007	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Rondo(UN)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Rondo(UN)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Rondo(UN)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Rondo(UN)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Rondo(UN)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Rondo(UN)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Rondo(UN)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Rondo(UN)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay(5A/T ONLY)
Rondo(UN)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR

model	year	area	system	function	subfunction
Rondo(UN)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Rondo(UN)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Rondo(UN)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Rondo(UN)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Rondo(UN)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Rondo(UN)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Rondo(UN)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Rondo(UN)	2007	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Rondo(UN)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Rondo(UN)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Rondo(UN)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Rondo(UN)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Rondo(UN)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Rondo(UN)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Rondo(UN)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Rondo(UN)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Rondo(UN)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Rondo(UN)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Rondo(UN)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sedona(GQ)	2005	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Sedona(GQ)	2005	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sedona(GQ)	2005	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sedona(GQ)	2005	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	

model	year	area	system	function	subfunction
Sedona(GQ)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Relay
Sedona(GQ)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sedona(GQ)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sedona(GQ)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sedona(GQ)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sedona(GQ)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sedona(GQ)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sedona(GQ)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sedona(GQ)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sedona(GQ)	2005	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sedona(GQ)	2005	USA Area	ECM(Engine Control Module)	Version Information	
Sedona(GQ)	2005	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sedona(GQ)	2005	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sedona(GQ)	2005	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sedona(GQ)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sedona(GQ)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sedona(GQ)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sedona(GQ)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sedona(GQ)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sedona(GQ)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sedona(GQ)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sedona(GQ)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve

model	year	area	system	function	subfunction
Sedona(GQ)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Sedona(GQ)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Sedona(GQ)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve
Sedona(GQ)	2005	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Sedona(GQ)	2005	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Sedona(GQ)	2005	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Adjust Mode
Sedona(GQ)	2005	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sedona(GQ)	2005	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Sedona(GQ)	2005	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sedona(GQ)	2005	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sedona(GQ)	2005	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sedona(GQ)	2005	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sedona(GQ)	2005	USA Area	TCM(Transmission Control Module)	Version Information	
Sedona(GQ)	2005	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sedona(GQ)	2005	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sedona(GQ)	2005	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sedona(GQ)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Sedona(GQ)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sedona(GQ)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Solenoid Valve(SCSV C)
Sedona(GQ)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Solenoid

model	year	area	system	function	subfunction
Sedona(GQ)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Vlave(5 A/T Only)
Sedona(GQ)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Sedona(GQ)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Sedona(GQ)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Sedona(GQ)	2005	USA Area	TCM(Transmission Control Module)	Special Function	Init of TCU Learning
Sedona(GQ)	2004	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Sedona(GQ)	2004	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sedona(GQ)	2004	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sedona(GQ)	2004	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sedona(GQ)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Relay
Sedona(GQ)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sedona(GQ)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sedona(GQ)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sedona(GQ)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sedona(GQ)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sedona(GQ)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sedona(GQ)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sedona(GQ)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sedona(GQ)	2004	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sedona(GQ)	2004	USA Area	ECM(Engine Control Module)	Version Information	
Sedona(GQ)	2004	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sedona(GQ)	2004	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sedona(GQ)	2004	USA Area	ECM(Engine Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Sedona(GQ)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sedona(GQ)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sedona(GQ)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sedona(GQ)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sedona(GQ)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sedona(GQ)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sedona(GQ)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sedona(GQ)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Sedona(GQ)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Sedona(GQ)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Sedona(GQ)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Purge Solenoid Vent
Sedona(GQ)	2004	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Adjust Mode
Sedona(GQ)	2004	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sedona(GQ)	2004	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Sedona(GQ)	2004	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sedona(GQ)	2004	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sedona(GQ)	2004	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sedona(GQ)	2004	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sedona(GQ)	2004	USA Area	TCM(Transmission Control Module)	Version Information	
Sedona(GQ)	2004	USA Area	TCM(Transmission Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Sedona(GQ)	2004	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sedona(GQ)	2004	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sedona(GQ)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Sedona(GQ)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sedona(GQ)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Solenoid Valve(SCSV C)
Sedona(GQ)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Solenoid
Sedona(GQ)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve
Sedona(GQ)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Sedona(GQ)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Sedona(GQ)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Sedona(GQ)	2003	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Sedona(GQ)	2003	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sedona(GQ)	2003	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sedona(GQ)	2003	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sedona(GQ)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Relay
Sedona(GQ)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sedona(GQ)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sedona(GQ)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sedona(GQ)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sedona(GQ)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sedona(GQ)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sedona(GQ)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear

model	year	area	system	function	subfunction
Sedona(GQ)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sedona(GQ)	2003	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sedona(GQ)	2003	USA Area	ECM(Engine Control Module)	Version Information	
Sedona(GQ)	2003	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sedona(GQ)	2003	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sedona(GQ)	2003	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sedona(GQ)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sedona(GQ)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sedona(GQ)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sedona(GQ)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sedona(GQ)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sedona(GQ)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sedona(GQ)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sedona(GQ)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Sedona(GQ)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Sedona(GQ)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Sedona(GQ)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Purge Solenoid Vent
Sedona(GQ)	2003	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Adjust Mode
Sedona(GQ)	2003	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sedona(GQ)	2003	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Sedona(GQ)	2003	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	

model	year	area	system	function	subfunction
Sedona(GQ)	2003	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sedona(GQ)	2003	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sedona(GQ)	2003	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sedona(GQ)	2003	USA Area	TCM(Transmission Control Module)	Version Information	
Sedona(GQ)	2003	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sedona(GQ)	2003	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sedona(GQ)	2003	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sedona(GQ)	2003	USA Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Sedona(GQ)	2003	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sedona(GQ)	2003	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Solenoid Valve(SCSV C)
Sedona(GQ)	2003	USA Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Solenoid
Sedona(GQ)	2003	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve
Sedona(GQ)	2003	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Sedona(GQ)	2003	USA Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Sedona(GQ)	2003	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Sedona(GQ)	2002	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Sedona(GQ)	2002	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sedona(GQ)	2002	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sedona(GQ)	2002	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sedona(GQ)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Relay
Sedona(GQ)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front

model	year	area	system	function	subfunction
Sedona(GQ)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sedona(GQ)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sedona(GQ)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sedona(GQ)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sedona(GQ)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sedona(GQ)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sedona(GQ)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sedona(GQ)	2002	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sedona(GQ)	2002	USA Area	ECM(Engine Control Module)	Version Information	
Sedona(GQ)	2002	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sedona(GQ)	2002	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sedona(GQ)	2002	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sedona(GQ)	2002	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sedona(GQ)	2002	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sedona(GQ)	2002	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sedona(GQ)	2002	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sedona(GQ)	2002	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sedona(GQ)	2002	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sedona(GQ)	2002	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sedona(GQ)	2002	USA Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Sedona(GQ)	2002	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Sedona(GQ)	2002	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low

model	year	area	system	function	subfunction
Sedona(GQ)	2002	USA Area	ECM(Engine Control Module)	Actuation Test	Purge Solenoid Vent
Sedona(GQ)	2002	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Adjust Mode
Sedona(GQ)	2002	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sedona(GQ)	2002	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Sedona(GQ)	2002	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sedona(GQ)	2002	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sedona(GQ)	2002	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sedona(GQ)	2002	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sedona(GQ)	2002	USA Area	TCM(Transmission Control Module)	Version Information	
Sedona(GQ)	2002	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sedona(GQ)	2002	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sedona(GQ)	2002	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sedona(GQ)	2002	USA Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Sedona(GQ)	2002	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sedona(GQ)	2002	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Solenoid Valve(SCSV C)
Sedona(GQ)	2002	USA Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Solenoid
Sedona(GQ)	2002	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve
Sedona(GQ)	2002	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Sedona(GQ)	2002	USA Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Sedona(GQ)	2002	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay

model	year	area	system	function	subfunction
Sedona(VQ)	2014	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Sedona(VQ)	2014	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sedona(VQ)	2014	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sedona(VQ)	2014	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sedona(VQ)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Sedona(VQ)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sedona(VQ)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sedona(VQ)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sedona(VQ)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sedona(VQ)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sedona(VQ)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sedona(VQ)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sedona(VQ)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sedona(VQ)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Brake Lamp Control
Sedona(VQ)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	IFL Control
Sedona(VQ)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	IFR Control
Sedona(VQ)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	IRL Control
Sedona(VQ)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	IRR Control
Sedona(VQ)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	OFL Control
Sedona(VQ)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	OFR Control
Sedona(VQ)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ORL Control
Sedona(VQ)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ORR Control
Sedona(VQ)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FL Valve Control

model	year	area	system	function	subfunction
Sedona(VQ)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FR Valve Control
Sedona(VQ)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-R Control
Sedona(VQ)	2014	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-L Control
Sedona(VQ)	2014	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sedona(VQ)	2014	USA Area	ABS(Anti-Lock Brake System)	Special Function	SAS Calibration(CAN-ESP Only)
Sedona(VQ)	2014	USA Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Version	
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Read Fault Code	
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Clear Fault	
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Read Data	
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation

model	year	area	system	function	subfunction
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Sedona(VQ)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Version Information	
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Read Fault Code	
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Read Data Stream	
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Indicator

model	year	area	system	function	subfunction
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defog Indicator
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	VAS Switch Indicator
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Relay
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Adjustable Pedal On/Off
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Sunroof Relay
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Sound Mute Signal
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Panel Light Trip Computer
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	MTS Burglar Alram
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Auto Light Sensor
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Indicator
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Voice Alarm System(VAS)
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Front Washer Switch
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Washer Switch
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp High
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp-Low
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Right Parking Lamp
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Right Fog Lamp
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right

model	year	area	system	function	subfunction
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Left Head Lamp High
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low-Left
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Parking Lamp-Left
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Left Fog Lamp
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal-Left
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Wiper On/Off
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low/High State
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Horn
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp Door
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-Down
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-Down
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Open/Close
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Open/Close
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	PTG Open/Close

model	year	area	system	function	subfunction
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	PSD PTG On/Off
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Parking Signal
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defog
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Left
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp and Warning
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	License Side Marker
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Motor
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Blower Switch
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Filler Door Solenoid
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	MAP Lamp
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Fold Motor Power Feed
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Up
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Up
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Down

model	year	area	system	function	subfunction
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Down
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Up
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Down
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Illumination
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp(ADM)
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock(ADM)
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock(ADM)
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up(ADM)
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down(ADM)
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left(ADM)
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right(ADM)
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog(ADM)
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Up(ADM)
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Down(ADM)
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Forward
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Backward
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Pedal Forward Motor

model	year	area	system	function	subfunction
Sedona(VQ)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Pedal Backward Motor
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Version Information	
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	TEC Learn
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Special Function	VCM Learning
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test

model	year	area	system	function	subfunction
Sedona(VQ)	2014	USA Area	ECM(Engine Control Module)	Special Function	ETC Motor Cleaning
Sedona(VQ)	2014	USA Area	IMMO(Immobilizer)	Read Data	
Sedona(VQ)	2014	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sedona(VQ)	2014	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Sedona(VQ)	2014	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sedona(VQ)	2014	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sedona(VQ)	2014	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Sedona(VQ)	2014	USA Area	PSD(Power Sliding	Version	
Sedona(VQ)	2014	USA Area	PSD(Power Sliding	Read Fault Code	
Sedona(VQ)	2014	USA Area	PSD(Power Sliding	Clear Fault	
Sedona(VQ)	2014	USA Area	PSD(Power Sliding	Read Data	
Sedona(VQ)	2014	USA Area	PTG(Power Tail Gate)	Version	
Sedona(VQ)	2014	USA Area	PTG(Power Tail Gate)	Read Fault Code	
Sedona(VQ)	2014	USA Area	PTG(Power Tail Gate)	Clear Fault	
Sedona(VQ)	2014	USA Area	PTG(Power Tail Gate)	Read Data	
Sedona(VQ)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sedona(VQ)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sedona(VQ)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sedona(VQ)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sedona(VQ)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
Sedona(VQ)	2014	USA Area	TCM(Transmission Control Module)	Version Information	
Sedona(VQ)	2014	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sedona(VQ)	2014	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sedona(VQ)	2014	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sedona(VQ)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)

model	year	area	system	function	subfunction
Sedona(VQ)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sedona(VQ)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sedona(VQ)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sedona(VQ)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sedona(VQ)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sedona(VQ)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sedona(VQ)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sedona(VQ)	2014	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sedona(VQ)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sedona(VQ)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sedona(VQ)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sedona(VQ)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sedona(VQ)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sedona(VQ)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sedona(VQ)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Sedona(VQ)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sedona(VQ)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sedona(VQ)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sedona(VQ)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing

model	year	area	system	function	subfunction
Sedona(VQ)	2013	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Sedona(VQ)	2013	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sedona(VQ)	2013	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sedona(VQ)	2013	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sedona(VQ)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Sedona(VQ)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sedona(VQ)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sedona(VQ)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sedona(VQ)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sedona(VQ)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sedona(VQ)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sedona(VQ)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sedona(VQ)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sedona(VQ)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Brake Lamp Control
Sedona(VQ)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	IFL Control
Sedona(VQ)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	IFR Control
Sedona(VQ)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	IRL Control
Sedona(VQ)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	IRR Control
Sedona(VQ)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	OFL Control
Sedona(VQ)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	OFR Control
Sedona(VQ)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ORL Control
Sedona(VQ)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ORR Control
Sedona(VQ)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FL Valve Control

model	year	area	system	function	subfunction
Sedona(VQ)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FR Valve Control
Sedona(VQ)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-R Control
Sedona(VQ)	2013	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-L Control
Sedona(VQ)	2013	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sedona(VQ)	2013	USA Area	ABS(Anti-Lock Brake System)	Special Function	SAS Calibration(CAN-ESP Only)
Sedona(VQ)	2013	USA Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Version	
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Read Fault Code	
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Clear Fault	
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Read Data	
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation

model	year	area	system	function	subfunction
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Sedona(VQ)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Version Information	
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Read Fault Code	
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Read Data Stream	
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Indicator

model	year	area	system	function	subfunction
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defog Indicator
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	VAS Switch Indicator
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Relay
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Adjustable Pedal On/Off
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Sunroof Relay
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Sound Mute Signal
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Panel Light Trip Computer
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	MTS Burglar Alram
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Auto Light Sensor
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Indicator
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Voice Alarm System(VAS)
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Front Washer Switch
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Rear Washer Switch
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp High
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp-Low
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Right Parking Lamp
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Right Fog Lamp
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right

model	year	area	system	function	subfunction
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Left Head Lamp High
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low-Left
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Parking Lamp-Left
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Left Fog Lamp
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal-Left
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Wiper On/Off
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low/High State
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Horn
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp Door
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-Down
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-Down
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Open/Close
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Open/Close
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	PTG Open/Close

model	year	area	system	function	subfunction
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	PSD PTG On/Off
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Parking Signal
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defog
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Left
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp and Warning
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	License Side Marker
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Motor
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Rear Blower Switch
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Filler Door Solenoid
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	MAP Lamp
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Fold Motor Power Feed
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Up
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Up
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Down

model	year	area	system	function	subfunction
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Down
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Up
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Down
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Illumination
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp(ADM)
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock(ADM)
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock(ADM)
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up(ADM)
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down(ADM)
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left(ADM)
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right(ADM)
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog(ADM)
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Up(ADM)
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Down(ADM)
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Forward
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Backward
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Pedal Forward Motor

model	year	area	system	function	subfunction
Sedona(VQ)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Pedal Backward Motor
Sedona(VQ)	2013	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sedona(VQ)	2013	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Version Information	
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	TEC Learn
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Special Function	Write VIN

model	year	area	system	function	subfunction
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Special Function	VCM Learning
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sedona(VQ)	2013	USA Area	ECM(Engine Control Module)	Special Function	ETC Motor Cleaning
Sedona(VQ)	2013	USA Area	IMMO(Immobilizer)	Read Data	
Sedona(VQ)	2013	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sedona(VQ)	2013	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Sedona(VQ)	2013	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sedona(VQ)	2013	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sedona(VQ)	2013	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Sedona(VQ)	2013	USA Area	PSD(Power Sliding	Version	
Sedona(VQ)	2013	USA Area	PSD(Power Sliding	Read Fault Code	
Sedona(VQ)	2013	USA Area	PSD(Power Sliding	Clear Fault	
Sedona(VQ)	2013	USA Area	PSD(Power Sliding	Read Data	
Sedona(VQ)	2013	USA Area	PTG(Power Tail Gate)	Version	
Sedona(VQ)	2013	USA Area	PTG(Power Tail Gate)	Read Fault Code	
Sedona(VQ)	2013	USA Area	PTG(Power Tail Gate)	Clear Fault	
Sedona(VQ)	2013	USA Area	PTG(Power Tail Gate)	Read Data	
Sedona(VQ)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sedona(VQ)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sedona(VQ)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sedona(VQ)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sedona(VQ)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
Sedona(VQ)	2013	USA Area	TCM(Transmission Control Module)	Version Information	
Sedona(VQ)	2013	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sedona(VQ)	2013	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sedona(VQ)	2013	USA Area	TCM(Transmission Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Sedona(VQ)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sedona(VQ)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sedona(VQ)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sedona(VQ)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sedona(VQ)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sedona(VQ)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sedona(VQ)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sedona(VQ)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sedona(VQ)	2013	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sedona(VQ)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sedona(VQ)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sedona(VQ)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sedona(VQ)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sedona(VQ)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sedona(VQ)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sedona(VQ)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Sedona(VQ)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sedona(VQ)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sedona(VQ)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading

model	year	area	system	function	subfunction
Sedona(VQ)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sedona(VQ)	2012	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Sedona(VQ)	2012	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sedona(VQ)	2012	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sedona(VQ)	2012	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sedona(VQ)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Sedona(VQ)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sedona(VQ)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sedona(VQ)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sedona(VQ)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sedona(VQ)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sedona(VQ)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sedona(VQ)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sedona(VQ)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sedona(VQ)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Brake Lamp Control
Sedona(VQ)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	IFL Control
Sedona(VQ)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	IFR Control
Sedona(VQ)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	IRL Control
Sedona(VQ)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	IRR Control
Sedona(VQ)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	OFL Control
Sedona(VQ)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	OFR Control
Sedona(VQ)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ORL Control
Sedona(VQ)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ORR Control

model	year	area	system	function	subfunction
Sedona(VQ)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FL Valve Control
Sedona(VQ)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FR Valve Control
Sedona(VQ)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-R Control
Sedona(VQ)	2012	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-L Control
Sedona(VQ)	2012	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sedona(VQ)	2012	USA Area	ABS(Anti-Lock Brake System)	Special Function	SAS Calibration(CAN-ESP Only)
Sedona(VQ)	2012	USA Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Version	
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Read Fault Code	
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Clear Fault	
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Read Data	
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh

model	year	area	system	function	subfunction
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Sedona(VQ)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Version Information	
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Read Fault Code	
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Read Data Stream	
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Indicator
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defog Indicator
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	VAS Switch Indicator
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Relay
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Adjustable Pedal On/Off
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Sunroof Relay
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Sound Mute Signal
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Panel Light Trip Computer
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	MTS Burglar Alram
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Auto Light Sensor
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Indicator
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Voice Alarm System(VAS)
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Front Washer Switch
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Rear Washer Switch
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp High
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp-Low
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Right Parking Lamp

model	year	area	system	function	subfunction
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Right Fog Lamp
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Left Head Lamp High
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low-Left
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Parking Lamp-Left
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Left Fog Lamp
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal-Left
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Wiper On/Off
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low/High State
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Horn
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp Door
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-Down
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-Down
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Open/Close

model	year	area	system	function	subfunction
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Open/Close
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	PTG Open/Close
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	PSD PTG On/Off
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Parking Signal
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defog
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Left
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp and Warning
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	License Side Marker
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Motor
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Rear Blower Switch
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Filler Door Solenoid
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	MAP Lamp
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Fold Motor Power Feed
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Up
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Up

model	year	area	system	function	subfunction
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Down
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Down
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Up
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Down
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Illumination
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp(ADM)
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock(ADM)
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock(ADM)
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up(ADM)
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down(ADM)
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left(ADM)
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right(ADM)
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog(ADM)
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Up(ADM)
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Down(ADM)
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Forward

model	year	area	system	function	subfunction
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Backward
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Pedal Forward Motor
Sedona(VQ)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Pedal Backward Motor
Sedona(VQ)	2012	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sedona(VQ)	2012	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Version Information	
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	TEC Learn
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset

model	year	area	system	function	subfunction
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Special Function	VCM Learning
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sedona(VQ)	2012	USA Area	ECM(Engine Control Module)	Special Function	ETC Motor Cleaning
Sedona(VQ)	2012	USA Area	IMMO(Immobilizer)	Read Data	
Sedona(VQ)	2012	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sedona(VQ)	2012	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Sedona(VQ)	2012	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sedona(VQ)	2012	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sedona(VQ)	2012	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Sedona(VQ)	2012	USA Area	PSD(Power Sliding	Version	
Sedona(VQ)	2012	USA Area	PSD(Power Sliding	Read Fault Code	
Sedona(VQ)	2012	USA Area	PSD(Power Sliding	Clear Fault	
Sedona(VQ)	2012	USA Area	PSD(Power Sliding	Read Data	
Sedona(VQ)	2012	USA Area	PTG(Power Tail Gate)	Version	
Sedona(VQ)	2012	USA Area	PTG(Power Tail Gate)	Read Fault Code	
Sedona(VQ)	2012	USA Area	PTG(Power Tail Gate)	Clear Fault	
Sedona(VQ)	2012	USA Area	PTG(Power Tail Gate)	Read Data	
Sedona(VQ)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sedona(VQ)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sedona(VQ)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sedona(VQ)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sedona(VQ)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
Sedona(VQ)	2012	USA Area	TCM(Transmission Control Module)	Version Information	
Sedona(VQ)	2012	USA Area	TCM(Transmission Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Sedona(VQ)	2012	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sedona(VQ)	2012	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sedona(VQ)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sedona(VQ)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sedona(VQ)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sedona(VQ)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sedona(VQ)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sedona(VQ)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sedona(VQ)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sedona(VQ)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sedona(VQ)	2012	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sedona(VQ)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sedona(VQ)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sedona(VQ)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sedona(VQ)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sedona(VQ)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sedona(VQ)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sedona(VQ)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Sedona(VQ)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN

model	year	area	system	function	subfunction
Sedona(VQ)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sedona(VQ)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sedona(VQ)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sedona(VQ)	2011	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Sedona(VQ)	2011	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sedona(VQ)	2011	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sedona(VQ)	2011	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sedona(VQ)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Sedona(VQ)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sedona(VQ)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sedona(VQ)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sedona(VQ)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sedona(VQ)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sedona(VQ)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sedona(VQ)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sedona(VQ)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sedona(VQ)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Brake Lamp Control
Sedona(VQ)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	IFL Control
Sedona(VQ)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	IFR Control
Sedona(VQ)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	IRL Control
Sedona(VQ)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	IRR Control
Sedona(VQ)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	OFL Control
Sedona(VQ)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	OFR Control

model	year	area	system	function	subfunction
Sedona(VQ)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ORL Control
Sedona(VQ)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ORR Control
Sedona(VQ)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FL Valve Control
Sedona(VQ)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FR Valve Control
Sedona(VQ)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-R Control
Sedona(VQ)	2011	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-L Control
Sedona(VQ)	2011	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sedona(VQ)	2011	USA Area	ABS(Anti-Lock Brake System)	Special Function	SAS Calibration(CAN-ESP Only)
Sedona(VQ)	2011	USA Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Version	
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Read Fault Code	
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Clear Fault	
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Read Data	
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor

model	year	area	system	function	subfunction
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Sedona(VQ)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Version Information	

model	year	area	system	function	subfunction
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Read Fault Code	
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Read Data Stream	
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Indicator
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defog Indicator
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	VAS Switch Indicator
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Relay
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Adjustable Pedal On/Off
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Sunroof Relay
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Sound Mute Signal
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Panel Light Trip Computer
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	MTS Burglar Alram
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Auto Light Sensor
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Indicator
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Voice Alarm System(VAS)
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Front Washer Switch
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Rear Washer Switch
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp High

model	year	area	system	function	subfunction
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp-Low
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Right Parking Lamp
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Right Fog Lamp
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Left Head Lamp High
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low-Left
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Parking Lamp-Left
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Left Fog Lamp
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal-Left
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Wiper On/Off
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low/High State
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Horn
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp Door
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-Down
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-

model	year	area	system	function	subfunction
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-Down
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Open/Close
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Open/Close
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	PTG Open/Close
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	PSD PTG On/Off
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Parking Signal
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defog
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Left
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp and Warning
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	License Side Marker
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Motor
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Rear Blower Switch
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Filler Door Solenoid
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	MAP Lamp
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog

model	year	area	system	function	subfunction
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Fold Motor Power Feed
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Up
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Up
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Down
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Down
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Up
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Down
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Illumination
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp(ADM)
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock(ADM)
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock(ADM)
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up(ADM)
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down(ADM)
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left(ADM)
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right(ADM)
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog(ADM)
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Up(ADM)
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Down(ADM)
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down

model	year	area	system	function	subfunction
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Forward
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Backward
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Pedal Forward Motor
Sedona(VQ)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Pedal Backward Motor
Sedona(VQ)	2011	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sedona(VQ)	2011	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Version Information	
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve

model	year	area	system	function	subfunction
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	TEC Learn
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2

model	year	area	system	function	subfunction
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Special Function	VCM Learning
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sedona(VQ)	2011	USA Area	ECM(Engine Control Module)	Special Function	ETC Motor Cleaning
Sedona(VQ)	2011	USA Area	IMMO(Immobilizer)	Read Data	
Sedona(VQ)	2011	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sedona(VQ)	2011	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Sedona(VQ)	2011	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sedona(VQ)	2011	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sedona(VQ)	2011	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Sedona(VQ)	2011	USA Area	PSD(Power Sliding	Version	
Sedona(VQ)	2011	USA Area	PSD(Power Sliding	Read Fault Code	
Sedona(VQ)	2011	USA Area	PSD(Power Sliding	Clear Fault	
Sedona(VQ)	2011	USA Area	PSD(Power Sliding	Read Data	
Sedona(VQ)	2011	USA Area	PTG(Power Tail Gate)	Version	
Sedona(VQ)	2011	USA Area	PTG(Power Tail Gate)	Read Fault Code	
Sedona(VQ)	2011	USA Area	PTG(Power Tail Gate)	Clear Fault	
Sedona(VQ)	2011	USA Area	PTG(Power Tail Gate)	Read Data	
Sedona(VQ)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sedona(VQ)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sedona(VQ)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sedona(VQ)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sedona(VQ)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset

model	year	area	system	function	subfunction
Sedona(VQ)	2011	USA Area	TCM(Transmission Control Module)	Version Information	
Sedona(VQ)	2011	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sedona(VQ)	2011	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sedona(VQ)	2011	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sedona(VQ)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sedona(VQ)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sedona(VQ)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sedona(VQ)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sedona(VQ)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sedona(VQ)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sedona(VQ)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sedona(VQ)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sedona(VQ)	2011	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sedona(VQ)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sedona(VQ)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sedona(VQ)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sedona(VQ)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sedona(VQ)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sedona(VQ)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp

model	year	area	system	function	subfunction
Sedona(VQ)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Sedona(VQ)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sedona(VQ)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sedona(VQ)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sedona(VQ)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV1)
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV2)
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV1)
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV2)
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Brake Lamp Control

model	year	area	system	function	subfunction
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	IFL Control
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	IFR Control
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	IRL Control
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	IRR Control
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	OFL Control
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	OFR Control
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ORL Control
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ORR Control
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FL Valve Control
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS FR Valve Control
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-R Control
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV-L Control
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Special Function	Steering Angle Sensor
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Special Function	Solenoid Valve Test
Sedona(VQ)	2010	USA Area	ABS(Anti-Lock Brake System)	Special Function	SAS Calibration(CAN-ESP Only)
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Version	
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Read Fault Code	
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Clear Fault	
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Read Data	
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off

model	year	area	system	function	subfunction
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%

model	year	area	system	function	subfunction
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Sedona(VQ)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Version Information	
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Read Fault Code	
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Read Data Stream	
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Indicator
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defog Indicator
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	VAS Switch Indicator
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Relay
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Adjustable Pedal On/Off
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Sunroof Relay
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Sound Mute Signal
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Panel Light Trip Computer
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	MTS Burglar Alram

model	year	area	system	function	subfunction
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Auto Light Sensor
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Indicator
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Voice Alarm System(VAS)
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Front Washer Switch
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Rear Washer Switch
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp High
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp-Low
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Right Parking Lamp
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Right Fog Lamp
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Left Head Lamp High
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low-Left
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Parking Lamp-Left
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Left Fog Lamp
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal-Left
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Wiper On/Off
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low/High State
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Horn
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp Door
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp

model	year	area	system	function	subfunction
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-Down
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-Down
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Open/Close
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Open/Close
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	PTG Open/Close
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	PSD PTG On/Off
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Parking Signal
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defog
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Left
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp and Warning
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	License Side Marker
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Motor
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Rear Blower Switch
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Filler Door Solenoid

model	year	area	system	function	subfunction
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	MAP Lamp
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Fold Motor Power Feed
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Up
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Up
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Down
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Down
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Up
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Down
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Illumination
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp(ADM)
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock(ADM)
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock(ADM)
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up(ADM)
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down(ADM)
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left(ADM)
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right(ADM)

model	year	area	system	function	subfunction
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog(ADM)
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Up(ADM)
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Down(ADM)
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Forward
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Backward
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Pedal Forward Motor
Sedona(VQ)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Pedal Backward Motor
Sedona(VQ)	2010	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sedona(VQ)	2010	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Version Information	
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4

model	year	area	system	function	subfunction
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2

model	year	area	system	function	subfunction
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sedona(VQ)	2010	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Sedona(VQ)	2010	USA Area	IMMO(Immobilizer)	Read Data	
Sedona(VQ)	2010	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sedona(VQ)	2010	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Sedona(VQ)	2010	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sedona(VQ)	2010	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sedona(VQ)	2010	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Sedona(VQ)	2010	USA Area	PSD(Power Sliding	Version	
Sedona(VQ)	2010	USA Area	PSD(Power Sliding	Read Fault Code	
Sedona(VQ)	2010	USA Area	PSD(Power Sliding	Clear Fault	
Sedona(VQ)	2010	USA Area	PSD(Power Sliding	Read Data	
Sedona(VQ)	2010	USA Area	PTG(Power Tail Gate)	Version	
Sedona(VQ)	2010	USA Area	PTG(Power Tail Gate)	Read Fault Code	
Sedona(VQ)	2010	USA Area	PTG(Power Tail Gate)	Clear Fault	
Sedona(VQ)	2010	USA Area	PTG(Power Tail Gate)	Read Data	
Sedona(VQ)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sedona(VQ)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sedona(VQ)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sedona(VQ)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	

model	year	area	system	function	subfunction
Sedona(VQ)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
Sedona(VQ)	2010	USA Area	TCM(Transmission Control Module)	Version Information	
Sedona(VQ)	2010	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sedona(VQ)	2010	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sedona(VQ)	2010	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sedona(VQ)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Sedona(VQ)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sedona(VQ)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sedona(VQ)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sedona(VQ)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Sedona(VQ)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Sedona(VQ)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Sedona(VQ)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Sedona(VQ)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Sedona(VQ)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Sedona(VQ)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Sedona(VQ)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Sedona(VQ)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay(5A/T ONLY)
Sedona(VQ)	2010	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sedona(VQ)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sedona(VQ)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sedona(VQ)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Sedona(VQ)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sedona(VQ)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sedona(VQ)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sedona(VQ)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Sedona(VQ)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sedona(VQ)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sedona(VQ)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sedona(VQ)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sedona(VQ)	2009	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Sedona(VQ)	2009	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sedona(VQ)	2009	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sedona(VQ)	2009	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sedona(VQ)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Sedona(VQ)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sedona(VQ)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sedona(VQ)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sedona(VQ)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sedona(VQ)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sedona(VQ)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sedona(VQ)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sedona(VQ)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sedona(VQ)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV1)
Sedona(VQ)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV2)

model	year	area	system	function	subfunction
Sedona(VQ)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV1)
Sedona(VQ)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV2)
Sedona(VQ)	2009	USA Area	ABS(Anti-Lock Brake System)	Special Function	Steering Angle Sensor
Sedona(VQ)	2009	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sedona(VQ)	2009	USA Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Sedona(VQ)	2009	USA Area	ABS(Anti-Lock Brake System)	Special Function	Solenoid Valve Test
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Version	
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Read Fault Code	
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Clear Fault	
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Read Data	
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation

model	year	area	system	function	subfunction
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Sedona(VQ)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Version Information	
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Read Fault Code	
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Read Data Stream	
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Indicator

model	year	area	system	function	subfunction
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defog Indicator
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	VAS Switch Indicator
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Relay
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Adjustable Pedal On/Off
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Sunroof Relay
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Sound Mute Signal
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Panel Light Trip Computer
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	MTS Burglar Alram
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Auto Light Sensor
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Indicator
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Voice Alarm System(VAS)
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Front Washer Switch
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Rear Washer Switch
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp High
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp-Low
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Right Parking Lamp
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Right Fog Lamp
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right

model	year	area	system	function	subfunction
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Left Head Lamp High
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low-Left
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Parking Lamp-Left
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Left Fog Lamp
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal-Left
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Wiper On/Off
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low/High State
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Horn
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp Door
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-Down
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-Down
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Open/Close
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Open/Close
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	PTG Open/Close

model	year	area	system	function	subfunction
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	PSD PTG On/Off
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Parking Signal
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defog
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Left
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp and Warning
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	License Side Marker
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Motor
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Rear Blower Switch
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Filler Door Solenoid
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	MAP Lamp
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Fold Motor Power Feed
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Up
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Up
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Down

model	year	area	system	function	subfunction
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Down
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Up
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Down
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Illumination
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp(ADM)
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock(ADM)
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock(ADM)
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up(ADM)
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down(ADM)
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left(ADM)
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right(ADM)
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog(ADM)
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Up(ADM)
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Down(ADM)
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Forward
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Backward
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Pedal Forward Motor

model	year	area	system	function	subfunction
Sedona(VQ)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Pedal Backward Motor
Sedona(VQ)	2009	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sedona(VQ)	2009	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Version Information	
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sedona(VQ)	2009	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Sedona(VQ)	2009	USA Area	IMMO(Immobilizer)	Read Data	
Sedona(VQ)	2009	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sedona(VQ)	2009	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Sedona(VQ)	2009	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sedona(VQ)	2009	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sedona(VQ)	2009	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Sedona(VQ)	2009	USA Area	PSD(Power Sliding	Version	

model	year	area	system	function	subfunction
Sedona(VQ)	2009	USA Area	PSD(Power Sliding	Read Fault Code	
Sedona(VQ)	2009	USA Area	PSD(Power Sliding	Clear Fault	
Sedona(VQ)	2009	USA Area	PSD(Power Sliding	Read Data	
Sedona(VQ)	2009	USA Area	PTG(Power Tail Gate)	Version	
Sedona(VQ)	2009	USA Area	PTG(Power Tail Gate)	Read Fault Code	
Sedona(VQ)	2009	USA Area	PTG(Power Tail Gate)	Clear Fault	
Sedona(VQ)	2009	USA Area	PTG(Power Tail Gate)	Read Data	
Sedona(VQ)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sedona(VQ)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sedona(VQ)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sedona(VQ)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sedona(VQ)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Sedona(VQ)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
Sedona(VQ)	2009	USA Area	TCM(Transmission Control Module)	Version Information	
Sedona(VQ)	2009	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sedona(VQ)	2009	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sedona(VQ)	2009	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sedona(VQ)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Sedona(VQ)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sedona(VQ)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sedona(VQ)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sedona(VQ)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Sedona(VQ)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid

model	year	area	system	function	subfunction
Sedona(VQ)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Sedona(VQ)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Sedona(VQ)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Sedona(VQ)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Sedona(VQ)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Sedona(VQ)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Sedona(VQ)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay(5A/T ONLY)
Sedona(VQ)	2009	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sedona(VQ)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sedona(VQ)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sedona(VQ)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sedona(VQ)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sedona(VQ)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sedona(VQ)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sedona(VQ)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Sedona(VQ)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Sedona(VQ)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Sedona(VQ)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Sedona(VQ)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Sedona(VQ)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sedona(VQ)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sedona(VQ)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sedona(VQ)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing

model	year	area	system	function	subfunction
Sedona(VQ)	2008	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Sedona(VQ)	2008	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sedona(VQ)	2008	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sedona(VQ)	2008	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sedona(VQ)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Sedona(VQ)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sedona(VQ)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sedona(VQ)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sedona(VQ)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sedona(VQ)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sedona(VQ)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sedona(VQ)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sedona(VQ)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sedona(VQ)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV1)
Sedona(VQ)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV2)
Sedona(VQ)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV1)
Sedona(VQ)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV2)
Sedona(VQ)	2008	USA Area	ABS(Anti-Lock Brake System)	Special Function	Steering Angle Sensor
Sedona(VQ)	2008	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sedona(VQ)	2008	USA Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Sedona(VQ)	2008	USA Area	ABS(Anti-Lock Brake System)	Special Function	Solenoid Valve Test
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Version	
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Read Fault Code	

model	year	area	system	function	subfunction
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Clear Fault	
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Read Data	
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face

model	year	area	system	function	subfunction
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Sedona(VQ)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Version Information	
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Read Fault Code	
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Read Data Stream	
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Indicator
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defog Indicator
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	VAS Switch Indicator
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Relay
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Adjustable Pedal On/Off
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Sunroof Relay
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay

model	year	area	system	function	subfunction
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Sound Mute Signal
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Panel Light Trip Computer
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	MTS Burglar Alram
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Auto Light Sensor
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Indicator
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Voice Alarm System(VAS)
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Front Washer Switch
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Rear Washer Switch
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp High
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp-Low
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Right Parking Lamp
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Right Fog Lamp
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Left Head Lamp High
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low-Left
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Parking Lamp-Left
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Left Fog Lamp
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal-Left
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Wiper On/Off
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low/High State
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Horn

model	year	area	system	function	subfunction
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp Door
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-Down
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-Down
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Open/Close
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Open/Close
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	PTG Open/Close
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	PSD PTG On/Off
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Parking Signal
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defog
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Left
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp and Warning
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	License Side Marker
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock

model	year	area	system	function	subfunction
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Motor
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Rear Blower Switch
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Filler Door Solenoid
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	MAP Lamp
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Fold Motor Power Feed
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Up
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Up
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Down
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Down
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Up
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Down
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Illumination
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp(ADM)
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock(ADM)
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock(ADM)
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up(ADM)

model	year	area	system	function	subfunction
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down(ADM)
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left(ADM)
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right(ADM)
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog(ADM)
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Up(ADM)
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Down(ADM)
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Forward
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Backward
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Pedal Forward Motor
Sedona(VQ)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Pedal Backward Motor
Sedona(VQ)	2008	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sedona(VQ)	2008	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Version Information	
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1

model	year	area	system	function	subfunction
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard

model	year	area	system	function	subfunction
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sedona(VQ)	2008	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Sedona(VQ)	2008	USA Area	IMMO(Immobilizer)	Read Data	
Sedona(VQ)	2008	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sedona(VQ)	2008	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Sedona(VQ)	2008	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sedona(VQ)	2008	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sedona(VQ)	2008	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Sedona(VQ)	2008	USA Area	PSD(Power Sliding	Version	
Sedona(VQ)	2008	USA Area	PSD(Power Sliding	Read Fault Code	
Sedona(VQ)	2008	USA Area	PSD(Power Sliding	Clear Fault	
Sedona(VQ)	2008	USA Area	PSD(Power Sliding	Read Data	
Sedona(VQ)	2008	USA Area	PTG(Power Tail Gate)	Version	
Sedona(VQ)	2008	USA Area	PTG(Power Tail Gate)	Read Fault Code	
Sedona(VQ)	2008	USA Area	PTG(Power Tail Gate)	Clear Fault	
Sedona(VQ)	2008	USA Area	PTG(Power Tail Gate)	Read Data	
Sedona(VQ)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sedona(VQ)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sedona(VQ)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Sedona(VQ)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sedona(VQ)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Sedona(VQ)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
Sedona(VQ)	2008	USA Area	TCM(Transmission Control Module)	Version Information	
Sedona(VQ)	2008	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sedona(VQ)	2008	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sedona(VQ)	2008	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sedona(VQ)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Sedona(VQ)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sedona(VQ)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sedona(VQ)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sedona(VQ)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Sedona(VQ)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Sedona(VQ)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Sedona(VQ)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Sedona(VQ)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Sedona(VQ)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Sedona(VQ)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Sedona(VQ)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Sedona(VQ)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay(5A/T ONLY)
Sedona(VQ)	2008	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values

model	year	area	system	function	subfunction
Sedona(VQ)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sedona(VQ)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sedona(VQ)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sedona(VQ)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sedona(VQ)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sedona(VQ)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sedona(VQ)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Sedona(VQ)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Sedona(VQ)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Sedona(VQ)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Sedona(VQ)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Sedona(VQ)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sedona(VQ)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sedona(VQ)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sedona(VQ)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sedona(VQ)	2007	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Sedona(VQ)	2007	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sedona(VQ)	2007	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sedona(VQ)	2007	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sedona(VQ)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Sedona(VQ)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sedona(VQ)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sedona(VQ)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear

model	year	area	system	function	subfunction
Sedona(VQ)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sedona(VQ)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sedona(VQ)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sedona(VQ)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sedona(VQ)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sedona(VQ)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV1)
Sedona(VQ)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV2)
Sedona(VQ)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV1)
Sedona(VQ)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV2)
Sedona(VQ)	2007	USA Area	ABS(Anti-Lock Brake System)	Special Function	Steering Angle Sensor
Sedona(VQ)	2007	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sedona(VQ)	2007	USA Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Sedona(VQ)	2007	USA Area	ABS(Anti-Lock Brake System)	Special Function	Solenoid Valve Test
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Version	
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Read Fault Code	
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Clear Fault	
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Read Data	
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%

model	year	area	system	function	subfunction
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost

model	year	area	system	function	subfunction
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Sedona(VQ)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Version Information	
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Read Fault Code	
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Read Data Stream	
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Indicator
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defog Indicator
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	VAS Switch Indicator
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Relay
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Adjustable Pedal On/Off
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Sunroof Relay
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Sound Mute Signal
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Panel Light Trip Computer
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	MTS Burglar Alram
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Auto Light Sensor
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Indicator
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Voice Alarm System(VAS)
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Chime buzzer

model	year	area	system	function	subfunction
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Front Washer Switch
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Rear Washer Switch
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp High
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp-Low
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Right Parking Lamp
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Right Fog Lamp
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Left Head Lamp High
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low-Left
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Parking Lamp-Left
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Left Fog Lamp
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal-Left
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Wiper On/Off
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low/High State
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Horn
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp Door
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-

model	year	area	system	function	subfunction
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-Down
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-Down
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Open/Close
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Open/Close
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	PTG Open/Close
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	PSD PTG On/Off
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Parking Signal
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defog
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Left
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp and Warning
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	License Side Marker
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Motor
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Rear Blower Switch
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Filler Door Solenoid
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	MAP Lamp
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left

model	year	area	system	function	subfunction
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Fold Motor Power Feed
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Up
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Up
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Down
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Down
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Up
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Down
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Illumination
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp(ADM)
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock(ADM)
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock(ADM)
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up(ADM)
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down(ADM)
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left(ADM)
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right(ADM)
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog(ADM)
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Up(ADM)
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Down(ADM)
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor

model	year	area	system	function	subfunction
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Forward
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Backward
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Pedal Forward Motor
Sedona(VQ)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Pedal Backward Motor
Sedona(VQ)	2007	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sedona(VQ)	2007	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Version Information	
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay

model	year	area	system	function	subfunction
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Special Function	Read VIN

model	year	area	system	function	subfunction
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sedona(VQ)	2007	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Sedona(VQ)	2007	USA Area	IMMO(Immobilizer)	Read Data	
Sedona(VQ)	2007	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sedona(VQ)	2007	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Sedona(VQ)	2007	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sedona(VQ)	2007	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sedona(VQ)	2007	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Sedona(VQ)	2007	USA Area	PSD(Power Sliding	Version	
Sedona(VQ)	2007	USA Area	PSD(Power Sliding	Read Fault Code	
Sedona(VQ)	2007	USA Area	PSD(Power Sliding	Clear Fault	
Sedona(VQ)	2007	USA Area	PSD(Power Sliding	Read Data	
Sedona(VQ)	2007	USA Area	PTG(Power Tail Gate)	Version	
Sedona(VQ)	2007	USA Area	PTG(Power Tail Gate)	Read Fault Code	
Sedona(VQ)	2007	USA Area	PTG(Power Tail Gate)	Clear Fault	
Sedona(VQ)	2007	USA Area	PTG(Power Tail Gate)	Read Data	
Sedona(VQ)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sedona(VQ)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sedona(VQ)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sedona(VQ)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sedona(VQ)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Sedona(VQ)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
Sedona(VQ)	2007	USA Area	TCM(Transmission Control Module)	Version Information	
Sedona(VQ)	2007	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sedona(VQ)	2007	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Sedona(VQ)	2007	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sedona(VQ)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Sedona(VQ)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sedona(VQ)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sedona(VQ)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sedona(VQ)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Sedona(VQ)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Sedona(VQ)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Sedona(VQ)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Sedona(VQ)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Sedona(VQ)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Sedona(VQ)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Sedona(VQ)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Sedona(VQ)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay(5A/T ONLY)
Sedona(VQ)	2007	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sedona(VQ)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sedona(VQ)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sedona(VQ)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sedona(VQ)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sedona(VQ)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sedona(VQ)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sedona(VQ)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Sedona(VQ)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front

model	year	area	system	function	subfunction
Sedona(VQ)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Sedona(VQ)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Sedona(VQ)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Sedona(VQ)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sedona(VQ)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sedona(VQ)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sedona(VQ)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Version	
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Read Fault Code	
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Clear Fault	
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Read Data	
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation

model	year	area	system	function	subfunction
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Sedona(VQ)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Version Information	
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Read Fault Code	
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Read Data Stream	
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Windshield Defog Indicator

model	year	area	system	function	subfunction
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defog Indicator
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	VAS Switch Indicator
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Relay
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Adjustable Pedal On/Off
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Sunroof Relay
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Sound Mute Signal
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Panel Light Trip Computer
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	MTS Burglar Alram
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Auto Light Sensor
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Indicator
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Voice Alarm System(VAS)
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Front Washer Switch
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Rear Washer Switch
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp High
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Right Head Lamp-Low
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Right Parking Lamp
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Right Fog Lamp
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Right

model	year	area	system	function	subfunction
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Left Head Lamp High
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low-Left
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Parking Lamp-Left
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Left Fog Lamp
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal-Left
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Wiper On/Off
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low/High State
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Alarm Horn
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp Door
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Left Quarter Glass Motor-
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Right Quarter Glass Motor-
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Power Window-Down
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Power Window-Down
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Left Sliding Door Open/Close
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Right Sliding Door Open/Close
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	PTG Open/Close

model	year	area	system	function	subfunction
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	PSD PTG On/Off
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Parking Signal
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defog
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Turn Signal Lamp-Left
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp and Warning
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	License Side Marker
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Motor
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Rear Blower Switch
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Filler Door Solenoid
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	MAP Lamp
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Fold Motor Power Feed
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Up
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Up
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Auto Down

model	year	area	system	function	subfunction
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window-Down
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Up
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Down
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Illumination
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Door Courtesy Lamp(ADM)
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock(ADM)
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock(ADM)
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Up(ADM)
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Down(ADM)
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Left(ADM)
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Right(ADM)
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Out Side Mirror-Defog(ADM)
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Up(ADM)
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Power Window-Down(ADM)
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Forward Motor
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Slide Backward Motor
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Up Motor
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Front Height Down
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Up Motor
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Rear Height Down
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Forward
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Power Seat Recline Backward
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Pedal Forward Motor

model	year	area	system	function	subfunction
Sedona(VQ)	2006	USA Area	BCM(Body Control Module)	Actuation Test	Pedal Backward Motor
Sedona(VQ)	2006	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sedona(VQ)	2006	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Version Information	
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Clutch
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	TPS Min Learnt Reset
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve

model	year	area	system	function	subfunction
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Vent
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Vent Clocked
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sedona(VQ)	2006	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Sedona(VQ)	2006	USA Area	ESP(Electronic Stability Program)	Version Information	
Sedona(VQ)	2006	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Sedona(VQ)	2006	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sedona(VQ)	2006	USA Area	ESP(Electronic Stability Program)	Read Data Stream	

model	year	area	system	function	subfunction
Sedona(VQ)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Sedona(VQ)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Sedona(VQ)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sedona(VQ)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sedona(VQ)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Sedona(VQ)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sedona(VQ)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Sedona(VQ)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sedona(VQ)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sedona(VQ)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve(USV1)
Sedona(VQ)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve(USV2)
Sedona(VQ)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESC(ESP)Valve(HSV1)
Sedona(VQ)	2006	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESC(ESP)Valve(HSV2)
Sedona(VQ)	2006	USA Area	ESP(Electronic Stability Program)	Special Function	Steering Angle Sensor
Sedona(VQ)	2006	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sedona(VQ)	2006	USA Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Sedona(VQ)	2006	USA Area	ESP(Electronic Stability Program)	Special Function	Solenoid Valve Test
Sedona(VQ)	2006	USA Area	IMMO(Immobilizer)	Read Data	
Sedona(VQ)	2006	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sedona(VQ)	2006	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Sedona(VQ)	2006	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sedona(VQ)	2006	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Sedona(VQ)	2006	USA Area	PSD(Power Sliding	Version	
Sedona(VQ)	2006	USA Area	PSD(Power Sliding	Read Fault Code	
Sedona(VQ)	2006	USA Area	PSD(Power Sliding	Clear Fault	
Sedona(VQ)	2006	USA Area	PSD(Power Sliding	Read Data	

model	year	area	system	function	subfunction
Sedona(VQ)	2006	USA Area	PTG(Power Tail Gate)	Version	
Sedona(VQ)	2006	USA Area	PTG(Power Tail Gate)	Read Fault Code	
Sedona(VQ)	2006	USA Area	PTG(Power Tail Gate)	Clear Fault	
Sedona(VQ)	2006	USA Area	PTG(Power Tail Gate)	Read Data	
Sedona(VQ)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sedona(VQ)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sedona(VQ)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sedona(VQ)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sedona(VQ)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Sedona(VQ)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
Sedona(VQ)	2006	USA Area	TCM(Transmission Control Module)	Version Information	
Sedona(VQ)	2006	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sedona(VQ)	2006	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sedona(VQ)	2006	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sedona(VQ)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Relay
Sedona(VQ)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Solenoid Valve(SCSV-A)-Left Rear
Sedona(VQ)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sedona(VQ)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Solenoid Valve(SCSV C)
Sedona(VQ)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Solenoid
Sedona(VQ)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve
Sedona(VQ)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid

model	year	area	system	function	subfunction
Sedona(VQ)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Sedona(VQ)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Sedona(VQ)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Sedona(VQ)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Sedona(VQ)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp
Sedona(VQ)	2006	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sedona(VQ)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sedona(VQ)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sedona(VQ)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sedona(VQ)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sedona(VQ)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sedona(VQ)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sedona(VQ)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Sedona(VQ)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Sedona(VQ)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Sedona(VQ)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Sedona(VQ)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Sedona(VQ)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sedona(VQ)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sedona(VQ)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sedona(VQ)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sedona(YP)	2016	USA Area	AC(Air Conditioning)	Version	
Sedona(YP)	2016	USA Area	AC(Air Conditioning)	Read Fault Code	
Sedona(YP)	2016	USA Area	AC(Air Conditioning)	Clear Fault	
Sedona(YP)	2016	USA Area	AC(Air Conditioning)	Read Data	

model	year	area	system	function	subfunction
Sedona(YP)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sedona(YP)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sedona(YP)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sedona(YP)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sedona(YP)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sedona(YP)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sedona(YP)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sedona(YP)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sedona(YP)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sedona(YP)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sedona(YP)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sedona(YP)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sedona(YP)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-1Step
Sedona(YP)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-2Step
Sedona(YP)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-3Step
Sedona(YP)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-4Step
Sedona(YP)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-5Step
Sedona(YP)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-6Step
Sedona(YP)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-7Step
Sedona(YP)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-8Step
Sedona(YP)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sedona(YP)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sedona(YP)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Sedona(YP)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Def Door-Close

model	year	area	system	function	subfunction
Sedona(YP)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Drive Mode Door Open
Sedona(YP)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Drive Mode Door Close
Sedona(YP)	2016	USA Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Sedona(YP)	2016	USA Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Sedona(YP)	2016	USA Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Sedona(YP)	2016	USA Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Sedona(YP)	2016	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Actuator 20%
Sedona(YP)	2016	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Actuator 80%
Sedona(YP)	2016	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Sensor Origin Point
Sedona(YP)	2016	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Setting&Zero position Initial
Sedona(YP)	2016	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Sedona(YP)	2016	USA Area	AHS(Active Hood System)	Version Information	
Sedona(YP)	2016	USA Area	AHS(Active Hood System)	Read Fault Code	
Sedona(YP)	2016	USA Area	AHS(Active Hood System)	Clear Fault Memory	
Sedona(YP)	2016	USA Area	Amplifier	Version	
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Version Information	
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Read Fault Code	
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Read Data Stream	
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)

model	year	area	system	function	subfunction
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(Headrest
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(Headrest
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Foremost Position(Cushion Extension)
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Last Position(Cushion Extension)
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail

model	year	area	system	function	subfunction
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Parasitic Current Auto-Block IPS
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay

model	year	area	system	function	subfunction
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt Indicator
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt Indicator
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt Indicator
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left/Right
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Right
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	High Mounted Stop Lamp
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	RL Door Lock Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	RL Door Unlock Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Up
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Down
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Left
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Right
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window DOWN
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window UP
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window DOWN
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LOCK

model	year	area	system	function	subfunction
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Door Courtesy Lamp
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Power Window UP
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Power Window DOWN
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window UP
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window Up
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Highest Position
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Lowest Position
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Left Position
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Right Position
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Fold
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Unfold
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Drive Side Puddle Lamp
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Lock
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Side Repeater
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp

model	year	area	system	function	subfunction
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	BSD Indicator
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Courtesy Lamp
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Heater Control
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Window Auto Up
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Auto
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Up
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Down
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Pocket Light Output(Option)
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Auto Up
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Auto
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Up
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Down
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Auto Up
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Auto
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Up
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Down
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Illumination
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Window Lock to Driver Door
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window Up
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window

model	year	area	system	function	subfunction
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Highest Position
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Lowest Position
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Left Position
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Right Position
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Fold
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Unfold
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Side Puddle Lamp
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Door Lock
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Door Unlock
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Side Repeater
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Courtesy Lamp
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Heater Control
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Auto
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Up
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Down
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Window Lock to Assist Door
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Security LED Output

model	year	area	system	function	subfunction
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH

model	year	area	system	function	subfunction
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator

model	year	area	system	function	subfunction
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator

model	year	area	system	function	subfunction
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Heated Handle Output
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Heated Handle Indicator
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Map Lamp Output
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Alt'L Signal Out
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Relay
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Lamp
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Front Washer Motor Output
Sedona(YP)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Washer Motor Output
Sedona(YP)	2016	USA Area	CCS(Cruise Control System)	Version Information	
Sedona(YP)	2016	USA Area	CCS(Cruise Control System)	Read Fault Code	
Sedona(YP)	2016	USA Area	CCS(Cruise Control System)	Clear Fault Memory	
Sedona(YP)	2016	USA Area	CCS(Cruise Control System)	Read Data Stream	
Sedona(YP)	2016	USA Area	CCS(Cruise Control System)	Special Function	SCC Alignment
Sedona(YP)	2016	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sedona(YP)	2016	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Version Information	
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-High
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-Low
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1

model	year	area	system	function	subfunction
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Type VIS 2
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 1
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 2
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 3
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 4
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 5

model	year	area	system	function	subfunction
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 6
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	GDI High Pressure Offset
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Sedona(YP)	2016	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sedona(YP)	2016	USA Area	ESC(Electronic Stability Control)	Version Information	
Sedona(YP)	2016	USA Area	ESC(Electronic Stability Control)	Read Fault Code	
Sedona(YP)	2016	USA Area	ESC(Electronic Stability Control)	Clear Fault Memory	
Sedona(YP)	2016	USA Area	ESC(Electronic Stability Control)	Read Data Stream	
Sedona(YP)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Motor
Sedona(YP)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Inlet Valve-Left Front
Sedona(YP)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Inlet Valve-Right Front
Sedona(YP)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Inlet Valve-Left Rear
Sedona(YP)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Inlet Valve-Right Rear
Sedona(YP)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Outlet Valve-Left Front
Sedona(YP)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Outlet Valve-Right Front
Sedona(YP)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Outlet Valve-Left Rear
Sedona(YP)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Outlet Valve-Right Rear
Sedona(YP)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	TCS Valve-Left Front
Sedona(YP)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	TCS Valve-Right Front
Sedona(YP)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Electric Shuttle Valve-Right Front
Sedona(YP)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Electric Shuttle Valve-Left Front

model	year	area	system	function	subfunction
Sedona(YP)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Sedona(YP)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Sedona(YP)	2016	USA Area	ESC(Electronic Stability Control)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Sedona(YP)	2016	USA Area	ESC(Electronic Stability Control)	Special Function	HCU Air Bleeding Mode
Sedona(YP)	2016	USA Area	ESC(Electronic Stability Control)	Special Function	SAS Calibration(CAN-ESP Only)
Sedona(YP)	2016	USA Area	ESC(Electronic Stability Control)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Sedona(YP)	2016	USA Area	ESC(Electronic Stability Control)	Special Function	Variant Coding
Sedona(YP)	2016	USA Area	IMMO(Immobilizer)	Read Fault Code	
Sedona(YP)	2016	USA Area	IMMO(Immobilizer)	Clear Fault	
Sedona(YP)	2016	USA Area	IMMO(Immobilizer)	Read Data	
Sedona(YP)	2016	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sedona(YP)	2016	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Sedona(YP)	2016	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sedona(YP)	2016	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Sedona(YP)	2016	USA Area	LDWS(Lane Departure Warning System)	Version Information	
Sedona(YP)	2016	USA Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Sedona(YP)	2016	USA Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Sedona(YP)	2016	USA Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Sedona(YP)	2016	USA Area	LDWS(Lane Departure Warning System)	Actuation Test	Left Mirror LED ON
Sedona(YP)	2016	USA Area	LDWS(Lane Departure Warning System)	Actuation Test	Left Mirror LED Blinking
Sedona(YP)	2016	USA Area	LDWS(Lane Departure Warning System)	Actuation Test	Right Mirror LED ON
Sedona(YP)	2016	USA Area	LDWS(Lane Departure Warning System)	Actuation Test	Right Mirror LED Blinking

model	year	area	system	function	subfunction
Sedona(YP)	2016	USA Area	LDWS(Lane Departure Warning System)	Actuation Test	BSD Switch LED ON/OFF
Sedona(YP)	2016	USA Area	LDWS(Lane Departure Warning System)	Special Function	SPTAC Calibration
Sedona(YP)	2016	USA Area	LDWS(Lane Departure Warning System)	Special Function	LKAS/LDWS Variant Coding
Sedona(YP)	2016	USA Area	LDWS(Lane Departure Warning System)	Special Function	BSD Radar Calibration
Sedona(YP)	2016	USA Area	MDPS(Motor Driven Power Steering)	Version Information	
Sedona(YP)	2016	USA Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Sedona(YP)	2016	USA Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Sedona(YP)	2016	USA Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Sedona(YP)	2016	USA Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Sedona(YP)	2016	USA Area	PSD(Power Sliding	Version	
Sedona(YP)	2016	USA Area	PSD(Power Sliding	Read Fault Code	
Sedona(YP)	2016	USA Area	PSD(Power Sliding	Clear Fault	
Sedona(YP)	2016	USA Area	PSD(Power Sliding	Read Data	
Sedona(YP)	2016	USA Area	PSD(Power Sliding	Special Function	User Option
Sedona(YP)	2016	USA Area	PTG(Power Tail Gate)	Version	
Sedona(YP)	2016	USA Area	PTG(Power Tail Gate)	Read Fault Code	
Sedona(YP)	2016	USA Area	PTG(Power Tail Gate)	Clear Fault	
Sedona(YP)	2016	USA Area	PTG(Power Tail Gate)	Read Data	
Sedona(YP)	2016	USA Area	PTG(Power Tail Gate)	Special Function	Power Tailgate Mode Configuration
Sedona(YP)	2016	USA Area	Smart Key Unit	Version	
Sedona(YP)	2016	USA Area	Smart Key Unit	Read Fault Code	
Sedona(YP)	2016	USA Area	Smart Key Unit	Clear Fault	
Sedona(YP)	2016	USA Area	Smart Key Unit	Read Data	
Sedona(YP)	2016	USA Area	Smart Key Unit	Actuation Test	SSB Illumination
Sedona(YP)	2016	USA Area	Smart Key Unit	Actuation Test	SSB LED Amber
Sedona(YP)	2016	USA Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Sedona(YP)	2016	USA Area	Smart Key Unit	Actuation Test	SSB LED White
Sedona(YP)	2016	USA Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Sedona(YP)	2016	USA Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Sedona(YP)	2016	USA Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Sedona(YP)	2016	USA Area	Smart Key Unit	Actuation Test	ACC Relay
Sedona(YP)	2016	USA Area	Smart Key Unit	Actuation Test	IGN1 Relay

model	year	area	system	function	subfunction
Sedona(YP)	2016	USA Area	Smart Key Unit	Actuation Test	IGN2 Relay
Sedona(YP)	2016	USA Area	Smart Key Unit	Actuation Test	Starter Relay
Sedona(YP)	2016	USA Area	Smart Key Unit	Actuation Test	External Buzzer
Sedona(YP)	2016	USA Area	Smart Key Unit	Actuation Test	Key Out Indicator
Sedona(YP)	2016	USA Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Sedona(YP)	2016	USA Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Sedona(YP)	2016	USA Area	Smart Key Unit	Actuation Test	SSB LED OFF
Sedona(YP)	2016	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Sedona(YP)	2016	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Sedona(YP)	2016	USA Area	Smart Key Unit	Actuation Test	Trunk Antenna
Sedona(YP)	2016	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Sedona(YP)	2016	USA Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Sedona(YP)	2016	USA Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Sedona(YP)	2016	USA Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Sedona(YP)	2016	USA Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Sedona(YP)	2016	USA Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Sedona(YP)	2016	USA Area	Smart Key Unit	Special Function	Smart Key Code Saving
Sedona(YP)	2016	USA Area	Smart Key Unit	Special Function	Neutralization Mode
Sedona(YP)	2016	USA Area	Smart Key Unit	Special Function	SMK Status Information
Sedona(YP)	2016	USA Area	Smart Key Unit	Special Function	FOB KEY Status Information
Sedona(YP)	2016	USA Area	Smart Key Unit	Special Function	Current FOB Key Check
Sedona(YP)	2016	USA Area	Smart Key Unit	Special Function	Antenna Status Check
Sedona(YP)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sedona(YP)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sedona(YP)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Sedona(YP)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sedona(YP)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Sedona(YP)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Body Sensor Reset
Sedona(YP)	2016	USA Area	SVMS(Surround View Monitor System)	Version Information	
Sedona(YP)	2016	USA Area	SVMS(Surround View Monitor System)	Read Fault Code	
Sedona(YP)	2016	USA Area	SVMS(Surround View Monitor System)	Clear Fault Memory	
Sedona(YP)	2016	USA Area	SVMS(Surround View Monitor System)	Read Data Stream	
Sedona(YP)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-SVM View
Sedona(YP)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Front-SVM View
Sedona(YP)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Left View
Sedona(YP)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Left View
Sedona(YP)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Right View
Sedona(YP)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Right View
Sedona(YP)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Wide View
Sedona(YP)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Wide View
Sedona(YP)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 25%
Sedona(YP)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 100%
Sedona(YP)	2016	USA Area	TCM(Transmission Control Module)	Version Information	
Sedona(YP)	2016	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sedona(YP)	2016	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sedona(YP)	2016	USA Area	TCM(Transmission Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Sedona(YP)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sedona(YP)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sedona(YP)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sedona(YP)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sedona(YP)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sedona(YP)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sedona(YP)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sedona(YP)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sedona(YP)	2016	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sedona(YP)	2016	USA Area	Telematics Unit	Version	
Sedona(YP)	2016	USA Area	Telematics Unit	Read Fault Code	
Sedona(YP)	2016	USA Area	Telematics Unit	Clear Fault	
Sedona(YP)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sedona(YP)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sedona(YP)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sedona(YP)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sedona(YP)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sedona(YP)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sedona(YP)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sedona(YP)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sedona(YP)	2015	USA Area	AC(Air Conditioning)	Version	

model	year	area	system	function	subfunction
Sedona(YP)	2015	USA Area	AC(Air Conditioning)	Read Fault Code	
Sedona(YP)	2015	USA Area	AC(Air Conditioning)	Clear Fault	
Sedona(YP)	2015	USA Area	AC(Air Conditioning)	Read Data	
Sedona(YP)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sedona(YP)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sedona(YP)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sedona(YP)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sedona(YP)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sedona(YP)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sedona(YP)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sedona(YP)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sedona(YP)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sedona(YP)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sedona(YP)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sedona(YP)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sedona(YP)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-1Step
Sedona(YP)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-2Step
Sedona(YP)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-3Step
Sedona(YP)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-4Step
Sedona(YP)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-5Step
Sedona(YP)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-6Step
Sedona(YP)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-7Step
Sedona(YP)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-8Step
Sedona(YP)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sedona(YP)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off

model	year	area	system	function	subfunction
Sedona(YP)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Sedona(YP)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Def Door-Close
Sedona(YP)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Drive Mode Door Open
Sedona(YP)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Drive Mode Door Close
Sedona(YP)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Sedona(YP)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Sedona(YP)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Sedona(YP)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Sedona(YP)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Actuator 20%
Sedona(YP)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Actuator 80%
Sedona(YP)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Sensor Origin Point
Sedona(YP)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Setting&Zero position Initial
Sedona(YP)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Sedona(YP)	2015	USA Area	AHS(Active Hood System)	Version Information	
Sedona(YP)	2015	USA Area	AHS(Active Hood System)	Read Fault Code	
Sedona(YP)	2015	USA Area	AHS(Active Hood System)	Clear Fault Memory	
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Version Information	
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Read Fault Code	
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Read Data Stream	
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window Up

model	year	area	system	function	subfunction
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Highest Position
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Lowest Position
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Left Position
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Right Position
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Fold
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Unfold
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Side Puddle Lamp
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Door Lock
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Door Unlock
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Side Repeater
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	BSD Indicator
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Courtesy Lamp
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Heater Control
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Auto Up
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Auto
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Up
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Down

model	year	area	system	function	subfunction
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Pocket Light Output(Option)
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Illumination
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Window Lock to Assist Door
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal

model	year	area	system	function	subfunction
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay

model	year	area	system	function	subfunction
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output

model	year	area	system	function	subfunction
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination

model	year	area	system	function	subfunction
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Heated Handle Output
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Heated Handle Indicator
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Map Lamp Output
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Alt'L Signal Out
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Lamp
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Front Washer Motor Output
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Washer Motor Output
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR

model	year	area	system	function	subfunction
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(Headrest
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(Headrest
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Foremost Position(Cushion Extension)
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Last Position(Cushion Extension)
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay

model	year	area	system	function	subfunction
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Parasitic Current Auto-Block IPS
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt Indicator
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt Indicator
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt Indicator
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left/Right
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Right
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	High Mounted Stop Lamp
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	RL Door Lock Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	RL Door Unlock Relay
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Up
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Down
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Left
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Right
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window DOWN
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window UP
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window DOWN
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LOCK

model	year	area	system	function	subfunction
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Door Courtesy Lamp
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Power Window UP
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Power Window DOWN
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window UP
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window Up
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Highest Position
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Lowest Position
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Left Position
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Right Position
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Fold
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Unfold
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Drive Side Puddle Lamp
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Lock
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Driver Side Repeater
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Driver Courtesy Lamp

model	year	area	system	function	subfunction
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Driver Heater Control
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Window Auto Up
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Auto
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Up
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Down
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Auto Up
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Auto
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Up
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Down
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Auto
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Up
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Down
Sedona(YP)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Window Lock to Driver Door
Sedona(YP)	2015	USA Area	CCS(Cruise Control System)	Version Information	
Sedona(YP)	2015	USA Area	CCS(Cruise Control System)	Read Fault Code	
Sedona(YP)	2015	USA Area	CCS(Cruise Control System)	Clear Fault Memory	
Sedona(YP)	2015	USA Area	CCS(Cruise Control System)	Read Data Stream	
Sedona(YP)	2015	USA Area	CCS(Cruise Control System)	Special Function	SCC Alignment
Sedona(YP)	2015	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sedona(YP)	2015	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Version Information	
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-High
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-Low
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Type VIS 2
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 1
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 2
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 3
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 4

model	year	area	system	function	subfunction
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 5
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 6
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	GDI High Pressure Offset
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Sedona(YP)	2015	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sedona(YP)	2015	USA Area	ESP(Electronic Stability Program)	Version Information	
Sedona(YP)	2015	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Sedona(YP)	2015	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sedona(YP)	2015	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Sedona(YP)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Sedona(YP)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Sedona(YP)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sedona(YP)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sedona(YP)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Sedona(YP)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sedona(YP)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Sedona(YP)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sedona(YP)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sedona(YP)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Sedona(YP)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Sedona(YP)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front

model	year	area	system	function	subfunction
Sedona(YP)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Sedona(YP)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Sedona(YP)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Sedona(YP)	2015	USA Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Sedona(YP)	2015	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sedona(YP)	2015	USA Area	ESP(Electronic Stability Program)	Special Function	SAS Calibration(CAN-ESP Only)
Sedona(YP)	2015	USA Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Sedona(YP)	2015	USA Area	ESP(Electronic Stability Program)	Special Function	Variant Coding
Sedona(YP)	2015	USA Area	IMMO(Immobilizer)	Read Fault Code	
Sedona(YP)	2015	USA Area	IMMO(Immobilizer)	Clear Fault	
Sedona(YP)	2015	USA Area	IMMO(Immobilizer)	Read Data	
Sedona(YP)	2015	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sedona(YP)	2015	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Sedona(YP)	2015	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sedona(YP)	2015	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Sedona(YP)	2015	USA Area	LDWS(Lane Departure Warning System)	Version Information	
Sedona(YP)	2015	USA Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Sedona(YP)	2015	USA Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Sedona(YP)	2015	USA Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Sedona(YP)	2015	USA Area	LDWS(Lane Departure Warning System)	Actuation Test	Left Mirror LED ON
Sedona(YP)	2015	USA Area	LDWS(Lane Departure Warning System)	Actuation Test	Left Mirror LED Blinking
Sedona(YP)	2015	USA Area	LDWS(Lane Departure Warning System)	Actuation Test	Right Mirror LED ON

model	year	area	system	function	subfunction
Sedona(YP)	2015	USA Area	LDWS(Lane Departure Warning System)	Actuation Test	Right Mirror LED Blinking
Sedona(YP)	2015	USA Area	LDWS(Lane Departure Warning System)	Actuation Test	BSD Switch LED ON/OFF
Sedona(YP)	2015	USA Area	LDWS(Lane Departure Warning System)	Special Function	SPTAC Calibration
Sedona(YP)	2015	USA Area	LDWS(Lane Departure Warning System)	Special Function	LKAS/LDWS Variant Coding
Sedona(YP)	2015	USA Area	LDWS(Lane Departure Warning System)	Special Function	BSD Radar Calibration
Sedona(YP)	2015	USA Area	MDPS(Motor Driven Power Steering)	Version Information	
Sedona(YP)	2015	USA Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Sedona(YP)	2015	USA Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Sedona(YP)	2015	USA Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Sedona(YP)	2015	USA Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Sedona(YP)	2015	USA Area	PSD(Power Sliding	Version	
Sedona(YP)	2015	USA Area	PSD(Power Sliding	Read Fault Code	
Sedona(YP)	2015	USA Area	PSD(Power Sliding	Clear Fault	
Sedona(YP)	2015	USA Area	PSD(Power Sliding	Read Data	
Sedona(YP)	2015	USA Area	PSD(Power Sliding	Special Function	User Option
Sedona(YP)	2015	USA Area	PTG(Power Tail Gate)	Version	
Sedona(YP)	2015	USA Area	PTG(Power Tail Gate)	Read Fault Code	
Sedona(YP)	2015	USA Area	PTG(Power Tail Gate)	Clear Fault	
Sedona(YP)	2015	USA Area	PTG(Power Tail Gate)	Read Data	
Sedona(YP)	2015	USA Area	Smart Key Unit	Version	
Sedona(YP)	2015	USA Area	Smart Key Unit	Read Fault Code	
Sedona(YP)	2015	USA Area	Smart Key Unit	Clear Fault	
Sedona(YP)	2015	USA Area	Smart Key Unit	Read Data	
Sedona(YP)	2015	USA Area	Smart Key Unit	Actuation Test	SSB Illumination
Sedona(YP)	2015	USA Area	Smart Key Unit	Actuation Test	SSB LED Amber
Sedona(YP)	2015	USA Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Sedona(YP)	2015	USA Area	Smart Key Unit	Actuation Test	SSB LED White
Sedona(YP)	2015	USA Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Sedona(YP)	2015	USA Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Sedona(YP)	2015	USA Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Sedona(YP)	2015	USA Area	Smart Key Unit	Actuation Test	ACC Relay
Sedona(YP)	2015	USA Area	Smart Key Unit	Actuation Test	IGN1 Relay
Sedona(YP)	2015	USA Area	Smart Key Unit	Actuation Test	IGN2 Relay

model	year	area	system	function	subfunction
Sedona(YP)	2015	USA Area	Smart Key Unit	Actuation Test	Starter Relay
Sedona(YP)	2015	USA Area	Smart Key Unit	Actuation Test	External Buzzer
Sedona(YP)	2015	USA Area	Smart Key Unit	Actuation Test	Key Out Indicator
Sedona(YP)	2015	USA Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Sedona(YP)	2015	USA Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Sedona(YP)	2015	USA Area	Smart Key Unit	Actuation Test	SSB LED OFF
Sedona(YP)	2015	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Sedona(YP)	2015	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Sedona(YP)	2015	USA Area	Smart Key Unit	Actuation Test	Trunk Antenna
Sedona(YP)	2015	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Sedona(YP)	2015	USA Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Sedona(YP)	2015	USA Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Sedona(YP)	2015	USA Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Sedona(YP)	2015	USA Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Sedona(YP)	2015	USA Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Sedona(YP)	2015	USA Area	Smart Key Unit	Special Function	Smart Key Code Saving
Sedona(YP)	2015	USA Area	Smart Key Unit	Special Function	Neutralization Mode
Sedona(YP)	2015	USA Area	Smart Key Unit	Special Function	SMK Status Information
Sedona(YP)	2015	USA Area	Smart Key Unit	Special Function	FOB KEY Status Information
Sedona(YP)	2015	USA Area	Smart Key Unit	Special Function	Current FOB Key Check
Sedona(YP)	2015	USA Area	Smart Key Unit	Special Function	Antenna Status Check
Sedona(YP)	2015	USA Area	Smart Key Unit	Special Function	Serial Communication Line Check
Sedona(YP)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sedona(YP)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sedona(YP)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Sedona(YP)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sedona(YP)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Sedona(YP)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Body Sensor Reset
Sedona(YP)	2015	USA Area	SVMS(Surround View Monitor System)	Version Information	
Sedona(YP)	2015	USA Area	SVMS(Surround View Monitor System)	Read Fault Code	
Sedona(YP)	2015	USA Area	SVMS(Surround View Monitor System)	Clear Fault Memory	
Sedona(YP)	2015	USA Area	SVMS(Surround View Monitor System)	Read Data Stream	
Sedona(YP)	2015	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-SVM View
Sedona(YP)	2015	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Front-SVM View
Sedona(YP)	2015	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Left View
Sedona(YP)	2015	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Left View
Sedona(YP)	2015	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Right View
Sedona(YP)	2015	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Right View
Sedona(YP)	2015	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Wide View
Sedona(YP)	2015	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Wide View
Sedona(YP)	2015	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 25%
Sedona(YP)	2015	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 100%
Sedona(YP)	2015	USA Area	TCM(Transmission Control Module)	Version Information	
Sedona(YP)	2015	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sedona(YP)	2015	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sedona(YP)	2015	USA Area	TCM(Transmission Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Sedona(YP)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sedona(YP)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sedona(YP)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sedona(YP)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sedona(YP)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sedona(YP)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sedona(YP)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sedona(YP)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sedona(YP)	2015	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sedona(YP)	2015	USA Area	Telematics Unit	Version	
Sedona(YP)	2015	USA Area	Telematics Unit	Read Fault Code	
Sedona(YP)	2015	USA Area	Telematics Unit	Clear Fault	
Sedona(YP)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sedona(YP)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sedona(YP)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sedona(YP)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sedona(YP)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sedona(YP)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sedona(YP)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sedona(YP)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing

model	year	area	system	function	subfunction
Sephia(FB)	2001	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Sephia(FB)	2001	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sephia(FB)	2001	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sephia(FB)	2001	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sephia(FB)	2001	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Valve/Motor-Right Front
Sephia(FB)	2001	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Valve/Motor-Left Front
Sephia(FB)	2001	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Valve/Motor-Right Rear
Sephia(FB)	2001	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Valve/Motor-Left Rear
Sephia(FB)	2001	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sephia(FB)	2001	USA Area	ECM(Engine Control Module)	Version Information	
Sephia(FB)	2001	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sephia(FB)	2001	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sephia(FB)	2001	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sephia(FB)	2001	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sephia(FB)	2001	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sephia(FB)	2001	USA Area	TCM(Transmission Control Module)	Version Information	
Sephia(FB)	2001	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sephia(FB)	2001	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sephia(FB)	2001	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sephia(FB)	2001	USA Area	TCM(Transmission Control Module)	Special Function	Readiness Test
Sephia(FB)	2000	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Sephia(FB)	2000	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	

model	year	area	system	function	subfunction
Sephia(FB)	2000	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sephia(FB)	2000	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sephia(FB)	2000	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Valve/Motor-Right Front
Sephia(FB)	2000	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Valve/Motor-Left Front
Sephia(FB)	2000	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Valve/Motor-Right Rear
Sephia(FB)	2000	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Valve/Motor-Left Rear
Sephia(FB)	2000	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sephia(FB)	2000	USA Area	ECM(Engine Control Module)	Version Information	
Sephia(FB)	2000	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sephia(FB)	2000	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sephia(FB)	2000	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sephia(FB)	2000	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sephia(FB)	2000	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sephia(FB)	2000	USA Area	TCM(Transmission Control Module)	Version Information	
Sephia(FB)	2000	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sephia(FB)	2000	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sephia(FB)	2000	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sephia(FB)	2000	USA Area	TCM(Transmission Control Module)	Special Function	Readiness Test
Sephia(FB)	1999	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sephia(FB)	1999	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sephia(FB)	1999	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sephia(FB)	1999	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Relay

model	year	area	system	function	subfunction
Sephia(FB)	1999	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sephia(FB)	1999	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sephia(FB)	1999	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sephia(FB)	1999	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sephia(FB)	1999	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sephia(FB)	1999	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sephia(FB)	1999	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sephia(FB)	1999	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sephia(FB)	1999	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Sephia(FB)	1999	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Sephia(FB)	1999	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sephia(FB)	1999	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sephia(FB)	1999	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sephia(FB)	1999	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sephia(FB)	1999	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sephia(FB)	1999	USA Area	TCM(Transmission Control Module)	Version Information	
Sephia(FB)	1999	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sephia(FB)	1999	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sephia(FB)	1999	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sephia(FB)	1999	USA Area	TCM(Transmission Control Module)	Special Function	Readiness Test
Sephia(FB)	1998	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sephia(FB)	1998	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Sephia(FB)	1998	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sephia(FB)	1998	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Relay
Sephia(FB)	1998	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sephia(FB)	1998	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sephia(FB)	1998	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sephia(FB)	1998	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sephia(FB)	1998	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sephia(FB)	1998	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sephia(FB)	1998	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sephia(FB)	1998	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sephia(FB)	1998	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Sephia(FB)	1998	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Sephia(FB)	1998	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sephia(FB)	1998	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sephia(FB)	1998	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sephia(FB)	1998	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sephia(FB)	1998	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sephia(FB)	1998	USA Area	TCM(Transmission Control Module)	Version Information	
Sephia(FB)	1998	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sephia(FB)	1998	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sephia(FB)	1998	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sephia(FB)	1998	USA Area	TCM(Transmission Control Module)	Special Function	Readiness Test

model	year	area	system	function	subfunction
Sephia(FB)	1997	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sephia(FB)	1997	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sephia(FB)	1997	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sephia(FB)	1997	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sephia(FB)	1997	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sephia(FB)	1997	USA Area	TCM(Transmission Control Module)	Version Information	
Sephia(FB)	1997	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sephia(FB)	1997	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sephia(FB)	1997	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sephia(FB)	1997	USA Area	TCM(Transmission Control Module)	Special Function	Readiness Test
Sephia(FB)	1996	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sephia(FB)	1996	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sephia(FB)	1996	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sephia(FB)	1996	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sephia(FB)	1996	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sephia(FB)	1996	USA Area	TCM(Transmission Control Module)	Version Information	
Sephia(FB)	1996	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sephia(FB)	1996	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sephia(FB)	1996	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sephia(FB)	1996	USA Area	TCM(Transmission Control Module)	Special Function	Readiness Test
Sephia(FB)	1995	USA Area	ECM(Engine Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Sephia(FB)	1995	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sephia(FB)	1995	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sephia(FB)	1995	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sephia(FB)	1995	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sephia(FB)	1995	USA Area	TCM(Transmission Control Module)	Version Information	
Sephia(FB)	1995	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sephia(FB)	1995	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sephia(FB)	1995	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sephia(FB)	1995	USA Area	TCM(Transmission Control Module)	Special Function	Readiness Test
Sephia(FB)	1994	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sephia(FB)	1994	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sephia(FB)	1994	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sephia(FB)	1994	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sephia(FB)	1994	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sephia(FB)	1994	USA Area	TCM(Transmission Control Module)	Version Information	
Sephia(FB)	1994	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sephia(FB)	1994	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sephia(FB)	1994	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sephia(FB)	1994	USA Area	TCM(Transmission Control Module)	Special Function	Readiness Test
Sorento(BL)	2009	USA Area	4WD Control	Version	
Sorento(BL)	2009	USA Area	4WD Control	Read Fault Code	
Sorento(BL)	2009	USA Area	4WD Control	Clear Fault	
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Version	

model	year	area	system	function	subfunction
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Read Fault Code	
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Clear Fault	
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Read Data	
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face

model	year	area	system	function	subfunction
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Sorento(BL)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Sorento(BL)	2009	USA Area	BCM(Body Control Module)	Version Information	
Sorento(BL)	2009	USA Area	BCM(Body Control Module)	Read Data Stream	
Sorento(BL)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Sorento(BL)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Sorento(BL)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Sorento(BL)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate Glass Open Relay
Sorento(BL)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sorento(BL)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Sorento(BL)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Sorento(BL)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Sorento(BL)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Door Warning Lamp
Sorento(BL)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Sorento(BL)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate Warning Lamp

model	year	area	system	function	subfunction
Sorento(BL)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Sorento(BL)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Sorento(BL)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Sorento(BL)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Sorento(BL)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Sorento(BL)	2009	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Sorento(BL)	2009	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sorento(BL)	2009	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Version Information	
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control

model	year	area	system	function	subfunction
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Special Function	Read VIN

model	year	area	system	function	subfunction
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sorento(BL)	2009	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Sorento(BL)	2009	USA Area	EPS(Electronic Power Steering)	Version Information	
Sorento(BL)	2009	USA Area	EPS(Electronic Power Steering)	Read Fault Code	
Sorento(BL)	2009	USA Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Sorento(BL)	2009	USA Area	EPS(Electronic Power Steering)	Read Data Stream	
Sorento(BL)	2009	USA Area	ESP(Electronic Stability Program)	Version Information	
Sorento(BL)	2009	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Sorento(BL)	2009	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sorento(BL)	2009	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Sorento(BL)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Sorento(BL)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Sorento(BL)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sorento(BL)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sorento(BL)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Sorento(BL)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sorento(BL)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Sorento(BL)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sorento(BL)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sorento(BL)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve(USV1)
Sorento(BL)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve(USV2)
Sorento(BL)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESC(ESP)Valve(HSV1)

model	year	area	system	function	subfunction
Sorento(BL)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESC(ESP)Valve(HSV2)
Sorento(BL)	2009	USA Area	ESP(Electronic Stability Program)	Special Function	Steering Angle Sensor
Sorento(BL)	2009	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sorento(BL)	2009	USA Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Sorento(BL)	2009	USA Area	ESP(Electronic Stability Program)	Special Function	Solenoid Valve Test
Sorento(BL)	2009	USA Area	IMMO(Immobilizer)	Read Data	
Sorento(BL)	2009	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sorento(BL)	2009	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Sorento(BL)	2009	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sorento(BL)	2009	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sorento(BL)	2009	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Sorento(BL)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sorento(BL)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sorento(BL)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sorento(BL)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sorento(BL)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Sorento(BL)	2009	USA Area	TCM(Transmission Control Module)	Version Information	
Sorento(BL)	2009	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sorento(BL)	2009	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sorento(BL)	2009	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sorento(BL)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-E(LC/B)

model	year	area	system	function	subfunction
Sorento(BL)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	P' Indicator Lamp
Sorento(BL)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	R' Indicator Lamp
Sorento(BL)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	N' Indicator Lamp
Sorento(BL)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	D' Indicator Lamp
Sorento(BL)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Reverse Lamp Relay
Sorento(BL)	2009	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sorento(BL)	2009	USA Area	TCM(Transmission Control Module)	Special Function	TCU Sub Rom Reset
Sorento(BL)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sorento(BL)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sorento(BL)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sorento(BL)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sorento(BL)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sorento(BL)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sorento(BL)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Sorento(BL)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sorento(BL)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Sorento(BL)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sorento(BL)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sorento(BL)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sorento(BL)	2008	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Sorento(BL)	2008	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sorento(BL)	2008	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sorento(BL)	2008	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	

model	year	area	system	function	subfunction
Sorento(BL)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Sorento(BL)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sorento(BL)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sorento(BL)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sorento(BL)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sorento(BL)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sorento(BL)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sorento(BL)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sorento(BL)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sorento(BL)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV1)
Sorento(BL)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV2)
Sorento(BL)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV1)
Sorento(BL)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV2)
Sorento(BL)	2008	USA Area	ABS(Anti-Lock Brake System)	Special Function	Steering Angle Sensor
Sorento(BL)	2008	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sorento(BL)	2008	USA Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Sorento(BL)	2008	USA Area	ABS(Anti-Lock Brake System)	Special Function	Solenoid Valve Test
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Version	
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Read Fault Code	
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Clear Fault	
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Read Data	
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low

model	year	area	system	function	subfunction
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%

model	year	area	system	function	subfunction
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Sorento(BL)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Sorento(BL)	2008	USA Area	BCM(Body Control Module)	Version Information	
Sorento(BL)	2008	USA Area	BCM(Body Control Module)	Read Data Stream	
Sorento(BL)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Sorento(BL)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Sorento(BL)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Sorento(BL)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate Glass Open Relay
Sorento(BL)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sorento(BL)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Sorento(BL)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Sorento(BL)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Sorento(BL)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Door Warning Lamp
Sorento(BL)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Sorento(BL)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate Warning Lamp
Sorento(BL)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Sorento(BL)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Sorento(BL)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator

model	year	area	system	function	subfunction
Sorento(BL)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Sorento(BL)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Sorento(BL)	2008	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Sorento(BL)	2008	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sorento(BL)	2008	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sorento(BL)	2008	USA Area	Driveshaft	Version	
Sorento(BL)	2008	USA Area	Driveshaft	Read Fault Code	
Sorento(BL)	2008	USA Area	Driveshaft	Clear Fault	
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Version Information	
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low

model	year	area	system	function	subfunction
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test

model	year	area	system	function	subfunction
Sorento(BL)	2008	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Sorento(BL)	2008	USA Area	EPS(Electronic Power Steering)	Version Information	
Sorento(BL)	2008	USA Area	EPS(Electronic Power Steering)	Read Fault Code	
Sorento(BL)	2008	USA Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Sorento(BL)	2008	USA Area	EPS(Electronic Power Steering)	Read Data Stream	
Sorento(BL)	2008	USA Area	IMMO(Immobilizer)	Read Data	
Sorento(BL)	2008	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sorento(BL)	2008	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Sorento(BL)	2008	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sorento(BL)	2008	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sorento(BL)	2008	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Sorento(BL)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sorento(BL)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sorento(BL)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sorento(BL)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sorento(BL)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Sorento(BL)	2008	USA Area	TCM(Transmission Control Module)	Version Information	
Sorento(BL)	2008	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sorento(BL)	2008	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sorento(BL)	2008	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sorento(BL)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-E(LC/B)
Sorento(BL)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	P' Indicator Lamp

model	year	area	system	function	subfunction
Sorento(BL)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	R' Indicator Lamp
Sorento(BL)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	N' Indicator Lamp
Sorento(BL)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	D' Indicator Lamp
Sorento(BL)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Reverse Lamp Relay
Sorento(BL)	2008	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sorento(BL)	2008	USA Area	TCM(Transmission Control Module)	Special Function	TCU Sub Rom Reset
Sorento(BL)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sorento(BL)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sorento(BL)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sorento(BL)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sorento(BL)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sorento(BL)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sorento(BL)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Sorento(BL)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Sorento(BL)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Sorento(BL)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Sorento(BL)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Sorento(BL)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sorento(BL)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Sorento(BL)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sorento(BL)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sorento(BL)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sorento(BL)	2007	USA Area	ABS(Anti-Lock Brake System)	Version Information	

model	year	area	system	function	subfunction
Sorento(BL)	2007	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sorento(BL)	2007	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sorento(BL)	2007	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sorento(BL)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Sorento(BL)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sorento(BL)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sorento(BL)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sorento(BL)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sorento(BL)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sorento(BL)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sorento(BL)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sorento(BL)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sorento(BL)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV1)
Sorento(BL)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve(USV2)
Sorento(BL)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV1)
Sorento(BL)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESC(ESP)Valve(HSV2)
Sorento(BL)	2007	USA Area	ABS(Anti-Lock Brake System)	Special Function	Steering Angle Sensor
Sorento(BL)	2007	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sorento(BL)	2007	USA Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Sorento(BL)	2007	USA Area	ABS(Anti-Lock Brake System)	Special Function	Solenoid Valve Test
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Version	
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Read Fault Code	
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Clear Fault	
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Read Data	

model	year	area	system	function	subfunction
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot

model	year	area	system	function	subfunction
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Sorento(BL)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Sorento(BL)	2007	USA Area	BCM(Body Control Module)	Version Information	
Sorento(BL)	2007	USA Area	BCM(Body Control Module)	Read Data Stream	
Sorento(BL)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Sorento(BL)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Sorento(BL)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Sorento(BL)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate Glass Open Relay
Sorento(BL)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sorento(BL)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Sorento(BL)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Lamp Relay(+RK)
Sorento(BL)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Sorento(BL)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Door Warning Lamp
Sorento(BL)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Sorento(BL)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate Warning Lamp
Sorento(BL)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay

model	year	area	system	function	subfunction
Sorento(BL)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Sorento(BL)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Sorento(BL)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Sorento(BL)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Chime buzzer
Sorento(BL)	2007	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Sorento(BL)	2007	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sorento(BL)	2007	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sorento(BL)	2007	USA Area	Driveshaft	Version	
Sorento(BL)	2007	USA Area	Driveshaft	Read Fault Code	
Sorento(BL)	2007	USA Area	Driveshaft	Clear Fault	
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Version Information	
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control

model	year	area	system	function	subfunction
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Spark Advance/Retard
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Special Function	Read VIN

model	year	area	system	function	subfunction
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sorento(BL)	2007	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Sorento(BL)	2007	USA Area	EPS(Electronic Power Steering)	Version Information	
Sorento(BL)	2007	USA Area	EPS(Electronic Power Steering)	Read Fault Code	
Sorento(BL)	2007	USA Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Sorento(BL)	2007	USA Area	EPS(Electronic Power Steering)	Read Data Stream	
Sorento(BL)	2007	USA Area	IMMO(Immobilizer)	Read Data	
Sorento(BL)	2007	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sorento(BL)	2007	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Sorento(BL)	2007	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sorento(BL)	2007	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sorento(BL)	2007	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Sorento(BL)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sorento(BL)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sorento(BL)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sorento(BL)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sorento(BL)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Sorento(BL)	2007	USA Area	TCM(Transmission Control Module)	Version Information	
Sorento(BL)	2007	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sorento(BL)	2007	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sorento(BL)	2007	USA Area	TCM(Transmission Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Sorento(BL)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-E(LC/B)
Sorento(BL)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	P' Indicator Lamp
Sorento(BL)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	R' Indicator Lamp
Sorento(BL)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	N' Indicator Lamp
Sorento(BL)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	D' Indicator Lamp
Sorento(BL)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Reverse Lamp Relay
Sorento(BL)	2007	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sorento(BL)	2007	USA Area	TCM(Transmission Control Module)	Special Function	TCU Sub Rom Reset
Sorento(BL)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sorento(BL)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sorento(BL)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sorento(BL)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sorento(BL)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sorento(BL)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sorento(BL)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Sorento(BL)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Sorento(BL)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Sorento(BL)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Sorento(BL)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Sorento(BL)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sorento(BL)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Sorento(BL)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing

model	year	area	system	function	subfunction
Sorento(BL)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sorento(BL)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sorento(BL)	2006	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Sorento(BL)	2006	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sorento(BL)	2006	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sorento(BL)	2006	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sorento(BL)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Warning Lamp(ABS&EBD)
Sorento(BL)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Pump
Sorento(BL)	2006	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sorento(BL)	2006	USA Area	Driveshaft	Read Fault Code	
Sorento(BL)	2006	USA Area	Driveshaft	Clear Fault	
Sorento(BL)	2006	USA Area	ECM(Engine Control Module)	Version Information	
Sorento(BL)	2006	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sorento(BL)	2006	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sorento(BL)	2006	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sorento(BL)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sorento(BL)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sorento(BL)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sorento(BL)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sorento(BL)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sorento(BL)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sorento(BL)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sorento(BL)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve

model	year	area	system	function	subfunction
Sorento(BL)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Sorento(BL)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Sorento(BL)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Purge Solenoid Vent
Sorento(BL)	2006	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Sorento(BL)	2006	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Sorento(BL)	2006	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Adjust Mode
Sorento(BL)	2006	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sorento(BL)	2006	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Sorento(BL)	2006	USA Area	EPS(Electronic Power Steering)	Version Information	
Sorento(BL)	2006	USA Area	EPS(Electronic Power Steering)	Read Fault Code	
Sorento(BL)	2006	USA Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Sorento(BL)	2006	USA Area	EPS(Electronic Power Steering)	Read Data Stream	
Sorento(BL)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sorento(BL)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sorento(BL)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sorento(BL)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sorento(BL)	2006	USA Area	TCM(Transmission Control Module)	Version Information	
Sorento(BL)	2006	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sorento(BL)	2006	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sorento(BL)	2006	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sorento(BL)	2006	USA Area	TCM(Transmission Control Module)	Special Function	TCU Sub Rom Reset

model	year	area	system	function	subfunction
Sorento(BL)	2005	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Sorento(BL)	2005	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sorento(BL)	2005	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sorento(BL)	2005	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sorento(BL)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Warning Lamp(ABS&EBD)
Sorento(BL)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Pump
Sorento(BL)	2005	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sorento(BL)	2005	USA Area	Driveshaft	Read Fault Code	
Sorento(BL)	2005	USA Area	Driveshaft	Clear Fault	
Sorento(BL)	2005	USA Area	ECM(Engine Control Module)	Version Information	
Sorento(BL)	2005	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sorento(BL)	2005	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sorento(BL)	2005	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sorento(BL)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sorento(BL)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sorento(BL)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sorento(BL)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sorento(BL)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sorento(BL)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sorento(BL)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sorento(BL)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Sorento(BL)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Sorento(BL)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low

model	year	area	system	function	subfunction
Sorento(BL)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Purge Solenoid Vent
Sorento(BL)	2005	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Sorento(BL)	2005	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Sorento(BL)	2005	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Adjust Mode
Sorento(BL)	2005	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sorento(BL)	2005	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Sorento(BL)	2005	USA Area	EPS(Electronic Power Steering)	Version Information	
Sorento(BL)	2005	USA Area	EPS(Electronic Power Steering)	Read Fault Code	
Sorento(BL)	2005	USA Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Sorento(BL)	2005	USA Area	EPS(Electronic Power Steering)	Read Data Stream	
Sorento(BL)	2005	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sorento(BL)	2005	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sorento(BL)	2005	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sorento(BL)	2005	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sorento(BL)	2005	USA Area	TCM(Transmission Control Module)	Version Information	
Sorento(BL)	2005	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sorento(BL)	2005	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sorento(BL)	2005	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sorento(BL)	2005	USA Area	TCM(Transmission Control Module)	Special Function	TCU Sub Rom Reset
Sorento(BL)	2004	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Sorento(BL)	2004	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	

model	year	area	system	function	subfunction
Sorento(BL)	2004	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sorento(BL)	2004	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sorento(BL)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Warning Lamp(ABS&EBD)
Sorento(BL)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Pump
Sorento(BL)	2004	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sorento(BL)	2004	USA Area	Driveshaft	Read Fault Code	
Sorento(BL)	2004	USA Area	Driveshaft	Clear Fault	
Sorento(BL)	2004	USA Area	ECM(Engine Control Module)	Version Information	
Sorento(BL)	2004	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sorento(BL)	2004	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sorento(BL)	2004	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sorento(BL)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sorento(BL)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sorento(BL)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sorento(BL)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sorento(BL)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sorento(BL)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sorento(BL)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sorento(BL)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Sorento(BL)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Sorento(BL)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Sorento(BL)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Purge Solenoid Vent
Sorento(BL)	2004	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Adjust Mode

model	year	area	system	function	subfunction
Sorento(BL)	2004	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sorento(BL)	2004	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Sorento(BL)	2004	USA Area	EPS(Electronic Power Steering)	Version Information	
Sorento(BL)	2004	USA Area	EPS(Electronic Power Steering)	Read Fault Code	
Sorento(BL)	2004	USA Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Sorento(BL)	2004	USA Area	EPS(Electronic Power Steering)	Read Data Stream	
Sorento(BL)	2004	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sorento(BL)	2004	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sorento(BL)	2004	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sorento(BL)	2004	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sorento(BL)	2004	USA Area	TCM(Transmission Control Module)	Version Information	
Sorento(BL)	2004	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sorento(BL)	2004	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sorento(BL)	2004	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sorento(BL)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-#1
Sorento(BL)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-#2
Sorento(BL)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	Lock Up Solenoid
Sorento(BL)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Sorento(BL)	2003	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Sorento(BL)	2003	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sorento(BL)	2003	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Sorento(BL)	2003	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sorento(BL)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Warning Lamp(ABS&EBD)
Sorento(BL)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Pump
Sorento(BL)	2003	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sorento(BL)	2003	USA Area	Driveshaft	Read Fault Code	
Sorento(BL)	2003	USA Area	Driveshaft	Clear Fault	
Sorento(BL)	2003	USA Area	ECM(Engine Control Module)	Version Information	
Sorento(BL)	2003	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sorento(BL)	2003	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sorento(BL)	2003	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sorento(BL)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sorento(BL)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sorento(BL)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sorento(BL)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sorento(BL)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sorento(BL)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sorento(BL)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump
Sorento(BL)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Sorento(BL)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Sorento(BL)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Sorento(BL)	2003	USA Area	ECM(Engine Control Module)	Actuation Test	Purge Solenoid Vent
Sorento(BL)	2003	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Adjust Mode
Sorento(BL)	2003	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test

model	year	area	system	function	subfunction
Sorento(BL)	2003	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Sorento(BL)	2003	USA Area	EPS(Electronic Power Steering)	Version Information	
Sorento(BL)	2003	USA Area	EPS(Electronic Power Steering)	Read Fault Code	
Sorento(BL)	2003	USA Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Sorento(BL)	2003	USA Area	EPS(Electronic Power Steering)	Read Data Stream	
Sorento(BL)	2003	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sorento(BL)	2003	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sorento(BL)	2003	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sorento(BL)	2003	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sorento(BL)	2003	USA Area	TCM(Transmission Control Module)	Version Information	
Sorento(BL)	2003	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sorento(BL)	2003	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sorento(BL)	2003	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sorento(BL)	2003	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-#1
Sorento(BL)	2003	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-#2
Sorento(BL)	2003	USA Area	TCM(Transmission Control Module)	Actuation Test	Lock Up Solenoid
Sorento(BL)	2003	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Sorento(UM	2016	USA Area	4WD Control	Version	
Sorento(UM	2016	USA Area	4WD Control	Read Fault Code	
Sorento(UM	2016	USA Area	4WD Control	Clear Fault	
Sorento(UM	2016	USA Area	4WD Control	Read Data	
Sorento(UM A)	2016	USA Area	4WD Control	Actuation Test	Torque Coupling Control
Sorento(UM A)	2016	USA Area	4WD Control	Actuation Test	AWD/LOCK Mode Select

model	year	area	system	function	subfunction
Sorento(UM	2016	USA Area	4WD Control	Actuation Test	4WD Lamp
Sorento(UM A)	2016	USA Area	4WD Control	Special Function	Clutch Learning Reset
Sorento(UM A)	2016	USA Area	4WD Control	Special Function	Clutch Learning Read
Sorento(UM A)	2016	USA Area	4WD Control	Special Function	Clutch Learning Write
Sorento(UM A)	2016	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Sorento(UM A)	2016	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sorento(UM A)	2016	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sorento(UM A)	2016	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sorento(UM A)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Release Motor RH(Caliper Type Only)
Sorento(UM A)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Apply Motor RH(Caliper Type Only)
Sorento(UM A)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Release Motor LH(Caliper Type Only)
Sorento(UM A)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Apply Motor LH(Caliper Type Only)
Sorento(UM A)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Release(Cable Type Only)
Sorento(UM A)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance mode-Apply(Cable Type
Sorento(UM A)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Sorento(UM A)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Sorento(UM A)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	EPB Warning Lamp-ON
Sorento(UM A)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	EPB Warning Lamp-OFF

model	year	area	system	function	subfunction
Sorento(UMA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	EPB Status Lamp-ON
Sorento(UMA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	EPB Status Lamp-OFF
Sorento(UMA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Sorento(UMA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sorento(UMA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sorento(UMA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sorento(UMA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sorento(UMA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sorento(UMA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sorento(UMA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sorento(UMA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sorento(UMA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Sorento(UMA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Sorento(UMA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Sorento(UMA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Sorento(UMA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	HAC Brake Lamp Actuator
Sorento(UMA)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Lamp
Sorento(UMA)	2016	USA Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Sorento(UMA)	2016	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sorento(UMA)	2016	USA Area	ABS(Anti-Lock Brake System)	Special Function	Steering Angle Sensor
Sorento(UMA)	2016	USA Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)

model	year	area	system	function	subfunction
Sorento(UMA)	2016	USA Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Sorento(UM	2016	USA Area	AC(Air Conditioning)	Version	
Sorento(UM	2016	USA Area	AC(Air Conditioning)	Read Fault Code	
Sorento(UM	2016	USA Area	AC(Air Conditioning)	Clear Fault	
Sorento(UM	2016	USA Area	AC(Air Conditioning)	Read Data	
Sorento(UMA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sorento(UMA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sorento(UMA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sorento(UMA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sorento(UMA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sorento(UMA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sorento(UMA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sorento(UMA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sorento(UMA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sorento(UMA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sorento(UMA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sorento(UMA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sorento(UMA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-1Step
Sorento(UMA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-2Step
Sorento(UMA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-3Step
Sorento(UMA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-4Step
Sorento(UMA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-5Step
Sorento(UMA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-6Step
Sorento(UMA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-7Step

model	year	area	system	function	subfunction
Sorento(UMA)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-8Step
Sorento(UM	2016	USA Area	AC(Air Conditioning)	Actuation Test	E-Comp-On
Sorento(UM	2016	USA Area	AC(Air Conditioning)	Actuation Test	E-Comp-Off
Sorento(UM	2016	USA Area	AC(Air Conditioning)	Actuation Test	Def Door-Open
Sorento(UM	2016	USA Area	AC(Air Conditioning)	Actuation Test	Def Door-Close
Sorento(UM	2016	USA Area	Amplifier	Version	
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Version Information	
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Read Fault Code	
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Read Data Stream	
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Slide)
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT To The Last Position(Slide)
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Foremost Position(Recline)
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Last Position(Recline)
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(FR
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(FR
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(RR
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(RR
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Highest Position(Headrest

model	year	area	system	function	subfunction
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/Seat To The Lowest Position(Headrest
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Foremost Position(Cushion Extension)
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move P/SEAT to the Last Position(Cushion Extension)
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay

model	year	area	system	function	subfunction
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Parasitic Current Auto-Block IPS
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt Indicator
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt Indicator
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt Indicator
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left/Right
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Right

model	year	area	system	function	subfunction
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	High Mounted Stop Lamp
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	RL Door Lock Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	RL Door Unlock Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Up
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Down
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Left
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Outside Mirror Right
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window DOWN
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window UP
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Right Power Window DOWN
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LOCK
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Door Courtesy Lamp
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Power Window UP
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Power Window DOWN
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Left Power Window UP
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window Up
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Window
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Highest Position
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Lowest Position

model	year	area	system	function	subfunction
Sorento(UM A)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Left Position
Sorento(UM A)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Drive Outside Mirror To The Most Right Position
Sorento(UM A)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Fold
Sorento(UM A)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Drive Side Unfold
Sorento(UM A)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Drive Side Puddle Lamp
Sorento(UM A)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Lock
Sorento(UM A)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Sorento(UM A)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Side Repeater
Sorento(UM A)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Sorento(UM A)	2016	USA Area	BCM(Body Control Module)	Actuation Test	BSD Indicator
Sorento(UM A)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Courtesy Lamp
Sorento(UM A)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Heater Control
Sorento(UM A)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Window Auto Up
Sorento(UM A)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Auto
Sorento(UM A)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Up
Sorento(UM A)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Window Down
Sorento(UM A)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Pocket Light Output(Option)
Sorento(UM A)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Auto Up
Sorento(UM A)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Auto
Sorento(UM A)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Up
Sorento(UM A)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Side Window Down

model	year	area	system	function	subfunction
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Auto Up
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Auto
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Up
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Window Down
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Illumination
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Window Lock to Driver Door
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Highest Position
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Lowest Position
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Left Position
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Move Assist Outside Mirror To The Most Right Position
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Fold
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Unfold
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Pocket Lamp(Both Left and Right)
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Mood Lamp(Both Left and Right)
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Courtesy Lamp
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Courtesy Lamp
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Door Curtain Up(Only Windows Close

model	year	area	system	function	subfunction
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Side Door Curtain Down(Only Windows Close Status)
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Door Curtain Up(Only Windows Close
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Side Door Curtain Down(Only Windows Close Status)
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist BSD Indicator
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Curtain re-Initialize
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear illumination
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window Up
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Operate Assist Side Window
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Side Puddle Lamp
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Door Lock
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Door Unlock
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Side Repeater
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Courtesy Lamp
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Heater Control
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Auto
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Up
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Window Down

model	year	area	system	function	subfunction
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Window Lock to Assist Door
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output

model	year	area	system	function	subfunction
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay

model	year	area	system	function	subfunction
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator

model	year	area	system	function	subfunction
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Heated Handle Output
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Heated Handle Indicator
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Map Lamp Output
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Alt'L Signal Out
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Relay
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Lamp
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Front Washer Motor Output
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Washer Motor Output
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	3Lh SBR Left Indicator
Sorento(UMA)	2016	USA Area	BCM(Body Control Module)	Actuation Test	3Rh SBR Center Indicator
Sorento(UMA)	2016	USA Area	CCS(Cruise Control System)	Version Information	
Sorento(UMA)	2016	USA Area	CCS(Cruise Control System)	Read Fault Code	
Sorento(UMA)	2016	USA Area	CCS(Cruise Control System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Sorento(UMA)	2016	USA Area	CCS(Cruise Control System)	Read Data Stream	
Sorento(UMA)	2016	USA Area	CCS(Cruise Control System)	Special Function	SCC Alignment
Sorento(UM	2016	USA Area	Central Gateway	Version	
Sorento(UM	2016	USA Area	Central Gateway	Read Fault Code	
Sorento(UM	2016	USA Area	Central Gateway	Clear Fault	
Sorento(UMA)	2016	USA Area	Central Gateway	Special Function	Erase Network Configuration
Sorento(UMA)	2016	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sorento(UMA)	2016	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Version Information	
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High

model	year	area	system	function	subfunction
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Electronic Waste Gate Valve(Turbo Only)
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)

model	year	area	system	function	subfunction
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Exhaust Gas Recirculation
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Electrically Controlled Water Pump
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Nu LPI Option)
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Theta LPI Option)
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-High
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-Low
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5

model	year	area	system	function	subfunction
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Type VIS 2
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 1
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 2
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 3
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 4
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 5
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 6
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	GDI High Pressure Offset
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Special Function	Write VIN

model	year	area	system	function	subfunction
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Special Function	Resetting E-CVVT Values
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sorento(UMA)	2016	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Sorento(UM	2016	USA Area	Head Lamp	Version	
Sorento(UM	2016	USA Area	Head Lamp	Read Fault Code	
Sorento(UM	2016	USA Area	Head Lamp	Clear Fault	
Sorento(UM	2016	USA Area	Head Lamp	Read Data	
Sorento(UMA)	2016	USA Area	Head Lamp	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Sorento(UMA)	2016	USA Area	Head Lamp	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Sorento(UMA)	2016	USA Area	Head Lamp	Actuation Test	HLL normal position
Sorento(UMA)	2016	USA Area	Head Lamp	Actuation Test	HLL(Head Lamp Leveling)Middle(Center)Position
Sorento(UMA)	2016	USA Area	Head Lamp	Actuation Test	DBL(Dynamic Bending Light)Max(RH)Position
Sorento(UMA)	2016	USA Area	Head Lamp	Actuation Test	DBL(Dynamic Bending Light)Middle Position-Center
Sorento(UMA)	2016	USA Area	Head Lamp	Actuation Test	DBL(Dynamic Bending Light)Max(LH)Position
Sorento(UMA)	2016	USA Area	Head Lamp	Actuation Test	Full AFLS BPC Test Class C
Sorento(UMA)	2016	USA Area	Head Lamp	Actuation Test	Full AFLS BPC Test Class V
Sorento(UMA)	2016	USA Area	Head Lamp	Actuation Test	Full AFLS BPC Test Class E
Sorento(UMA)	2016	USA Area	Head Lamp	Actuation Test	Full AFLS BPC Test Class E1

model	year	area	system	function	subfunction
Sorento(UMA)	2016	USA Area	Head Lamp	Actuation Test	Full AFLS BPC Test Class E2
Sorento(UMA)	2016	USA Area	Head Lamp	Actuation Test	Full AFLS BPC Test Class HIGH
Sorento(UMA)	2016	USA Area	Head Lamp	Actuation Test	Full AFLS BPC Test Class W
Sorento(UMA)	2016	USA Area	Head Lamp	Actuation Test	Full AFLS BPC Test LED OFF
Sorento(UMA)	2016	USA Area	Head Lamp	Actuation Test	SBL Function Test SBL LH ON
Sorento(UMA)	2016	USA Area	Head Lamp	Actuation Test	SBL Function Test SBL RH ON
Sorento(UMA)	2016	USA Area	Head Lamp	Actuation Test	SBL function Test SBL ON(ALL)
Sorento(UM	2016	USA Area	Head Lamp	Actuation Test	AFLS AIM'G
Sorento(UM	2016	USA Area	Head Lamp	Special Function	Headlamp
Sorento(UMA)	2016	USA Area	Head Lamp	Special Function	Parameter Download
Sorento(UM	2016	USA Area	Head Lamp	Special Function	Calibration
Sorento(UM	2016	USA Area	IMMO(Immobilizer)	Read Fault Code	
Sorento(UM	2016	USA Area	IMMO(Immobilizer)	Clear Fault	
Sorento(UM	2016	USA Area	IMMO(Immobilizer)	Read Data	
Sorento(UMA)	2016	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sorento(UM	2016	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Sorento(UM	2016	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sorento(UM	2016	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Sorento(UMA)	2016	USA Area	LDWS(Lane Departure Warning System)	Version Information	
Sorento(UMA)	2016	USA Area	LDWS(Lane Departure Warning System)	Read Fault Code	
Sorento(UMA)	2016	USA Area	LDWS(Lane Departure Warning System)	Clear Fault Memory	
Sorento(UMA)	2016	USA Area	LDWS(Lane Departure Warning System)	Read Data Stream	
Sorento(UMA)	2016	USA Area	LDWS(Lane Departure Warning System)	Actuation Test	Activation Switch LED
Sorento(UMA)	2016	USA Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Left
Sorento(UMA)	2016	USA Area	LDWS(Lane Departure Warning System)	Actuation Test	Mirror LED Right
Sorento(UMA)	2016	USA Area	LDWS(Lane Departure Warning System)	Actuation Test	ALL LEDs
Sorento(UMA)	2016	USA Area	LDWS(Lane Departure Warning System)	Special Function	SPTAC Calibration

model	year	area	system	function	subfunction
Sorento(UMA)	2016	USA Area	LDWS(Lane Departure Warning System)	Special Function	SPC Calibration
Sorento(UMA)	2016	USA Area	LDWS(Lane Departure Warning System)	Special Function	LKAS/LDWS Variant Coding
Sorento(UMA)	2016	USA Area	LDWS(Lane Departure Warning System)	Special Function	BSD Radar Calibration
Sorento(UMA)	2016	USA Area	LDWS(Lane Departure Warning System)	Special Function	BSD Variant Coding
Sorento(UMA)	2016	USA Area	MDPS(Motor Driven Power Steering)	Version Information	
Sorento(UMA)	2016	USA Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Sorento(UMA)	2016	USA Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Sorento(UMA)	2016	USA Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Sorento(UMA)	2016	USA Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Sorento(UMA)	2016	USA Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Sorento(UMA)	2016	USA Area	MDPS(Motor Driven Power Steering)	Special Function	Power Steering ECU
Sorento(UMA)	2016	USA Area	MDPS(Motor Driven Power Steering)	Special Function	Power Steering Motor
Sorento(UM	2016	USA Area	PTG(Power Tail Gate)	Version	
Sorento(UM	2016	USA Area	PTG(Power Tail Gate)	Read Fault Code	
Sorento(UM	2016	USA Area	PTG(Power Tail Gate)	Clear Fault	
Sorento(UM	2016	USA Area	PTG(Power Tail Gate)	Read Data	
Sorento(UM	2016	USA Area	PTG(Power Tail Gate)	Special Function	User Option
Sorento(UM	2016	USA Area	Smart Key Unit	Version	
Sorento(UM	2016	USA Area	Smart Key Unit	Read Fault Code	
Sorento(UM	2016	USA Area	Smart Key Unit	Clear Fault	
Sorento(UM	2016	USA Area	Smart Key Unit	Read Data	
Sorento(UM	2016	USA Area	Smart Key Unit	Actuation Test	SSB Illumination
Sorento(UM	2016	USA Area	Smart Key Unit	Actuation Test	SSB LED Amber
Sorento(UM	2016	USA Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Sorento(UM	2016	USA Area	Smart Key Unit	Actuation Test	SSB LED White
Sorento(UMA)	2016	USA Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Sorento(UMA)	2016	USA Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Sorento(UMA)	2016	USA Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Sorento(UM	2016	USA Area	Smart Key Unit	Actuation Test	ACC Relay
Sorento(UM	2016	USA Area	Smart Key Unit	Actuation Test	IGN1 Relay
Sorento(UM	2016	USA Area	Smart Key Unit	Actuation Test	IGN2 Relay

model	year	area	system	function	subfunction
Sorento(UM	2016	USA Area	Smart Key Unit	Actuation Test	Starter Relay
Sorento(UM	2016	USA Area	Smart Key Unit	Actuation Test	External Buzzer
Sorento(UM	2016	USA Area	Smart Key Unit	Actuation Test	Key Out Indicator
Sorento(UM A)	2016	USA Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Sorento(UM A)	2016	USA Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Sorento(UM	2016	USA Area	Smart Key Unit	Actuation Test	SSB LED OFF
Sorento(UM	2016	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Sorento(UM	2016	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Sorento(UM	2016	USA Area	Smart Key Unit	Actuation Test	Trunk Antenna
Sorento(UM	2016	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Sorento(UM A)	2016	USA Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Sorento(UM A)	2016	USA Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Sorento(UM A)	2016	USA Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Sorento(UM A)	2016	USA Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Sorento(UM A)	2016	USA Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Sorento(UM A)	2016	USA Area	Smart Key Unit	Special Function	Smart Key Code Saving
Sorento(UM A)	2016	USA Area	Smart Key Unit	Special Function	Neutralization Mode
Sorento(UM A)	2016	USA Area	Smart Key Unit	Special Function	SMK Status Information
Sorento(UM A)	2016	USA Area	Smart Key Unit	Special Function	FOB KEY Status Information
Sorento(UM A)	2016	USA Area	Smart Key Unit	Special Function	Current FOB Key Check
Sorento(UM A)	2016	USA Area	Smart Key Unit	Special Function	Antenna Status Check
Sorento(UM A)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sorento(UM A)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sorento(UM A)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sorento(UM A)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	

model	year	area	system	function	subfunction
Sorento(UMA)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Sorento(UMA)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Body Sensor Reset
Sorento(UMA)	2016	USA Area	SVMS(Surround View Monitor System)	Version Information	
Sorento(UMA)	2016	USA Area	SVMS(Surround View Monitor System)	Read Fault Code	
Sorento(UMA)	2016	USA Area	SVMS(Surround View Monitor System)	Clear Fault Memory	
Sorento(UMA)	2016	USA Area	SVMS(Surround View Monitor System)	Read Data Stream	
Sorento(UMA)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-SVM View
Sorento(UMA)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Front-SVM View
Sorento(UMA)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Left View
Sorento(UMA)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Left View
Sorento(UMA)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Right View
Sorento(UMA)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Right View
Sorento(UMA)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Rear-Wide View
Sorento(UMA)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Front-Wide View
Sorento(UMA)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 25%
Sorento(UMA)	2016	USA Area	SVMS(Surround View Monitor System)	Actuation Test	Indicator Output 100%
Sorento(UMA)	2016	USA Area	TCM(Transmission Control Module)	Version Information	
Sorento(UMA)	2016	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sorento(UMA)	2016	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sorento(UMA)	2016	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sorento(UMA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)

model	year	area	system	function	subfunction
Sorento(UMA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sorento(UMA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sorento(UMA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sorento(UMA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sorento(UMA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sorento(UMA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sorento(UMA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sorento(UMA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Gear Lamp
Sorento(UMA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Gear Lamp
Sorento(UMA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Gear Lamp
Sorento(UMA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Gear Lamp
Sorento(UMA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Gear Lamp
Sorento(UMA)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	6th Gear Lamp
Sorento(UMA)	2016	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sorento(UM	2016	USA Area	Telematics Unit	Version	
Sorento(UM	2016	USA Area	Telematics Unit	Read Fault Code	
Sorento(UM	2016	USA Area	Telematics Unit	Clear Fault	
Sorento(UMA)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sorento(UMA)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sorento(UMA)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sorento(UMA)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	

model	year	area	system	function	subfunction
Sorento(UMA)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sorento(UMA)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sorento(UMA)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Front
Sorento(UMA)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Front
Sorento(UMA)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Left Rear
Sorento(UMA)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Location Lamp-Right Rear
Sorento(UMA)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Sorento(UMA)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sorento(UMA)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sorento(UMA)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sorento(UMA)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sorento(XM)	2015	USA Area	4WD Control	Version	
Sorento(XM)	2015	USA Area	4WD Control	Read Fault Code	
Sorento(XM)	2015	USA Area	4WD Control	Clear Fault	
Sorento(XM)	2015	USA Area	4WD Control	Read Data	
Sorento(XM)	2015	USA Area	4WD Control	Actuation Test	Torque Coupling Control
Sorento(XM)	2015	USA Area	4WD Control	Actuation Test	AWD/LOCK Mode Select
Sorento(XM)	2015	USA Area	4WD Control	Actuation Test	4WD Lamp
Sorento(XM)	2015	USA Area	4WD Control	Special Function	Clutch Learning Reset
Sorento(XM)	2015	USA Area	4WD Control	Special Function	Clutch Learning Read
Sorento(XM)	2015	USA Area	4WD Control	Special Function	Clutch Learning Write
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Version	
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Read Fault Code	
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Clear Fault	
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Read Data	
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off

model	year	area	system	function	subfunction
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low

model	year	area	system	function	subfunction
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage PTC ON(Min.)

model	year	area	system	function	subfunction
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage PTC OFF
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage COMP ON(Min.)
Sorento(XM)	2015	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage COMP OFF
Sorento(XM)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Sorento(XM)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Sorento(XM)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Sorento(XM)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Sorento(XM)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Sorento(XM)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Sorento(XM)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL normal position
Sorento(XM)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Sorento(XM)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Setting&Zero position Initial
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Version Information	
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Read Fault Code	
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Read Data Stream	
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock Output
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock Output
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	2-Turn Unlock/Dead Lock Output
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Output
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low Output

model	year	area	system	function	subfunction
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Output
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Output
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Start inhibit Output
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Output
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output(RH)
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Output
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Output(RH)
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output(RH)
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low GND Control Output
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Output
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	DRL Output(Canada)
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Output
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Parking Assist System Buzzer
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Horn Output
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Defogger Output
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Seat Warmer Output-Rear Left
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Seat Warmer Output-Rear
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output

model	year	area	system	function	subfunction
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	RPAS Off Switch Indicator
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Folding Mirror Output
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Unfolding Mirror Output
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Cornering Lamp Right Output
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Cornering Lamp Left Output
Sorento(XM)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Interior Tail Lamp Output
Sorento(XM)	2015	USA Area	BSD(Blind Spot Detection)	Version Information	
Sorento(XM)	2015	USA Area	BSD(Blind Spot Detection)	Read Fault Code	
Sorento(XM)	2015	USA Area	BSD(Blind Spot Detection)	Clear Fault Memory	
Sorento(XM)	2015	USA Area	BSD(Blind Spot Detection)	Read Data Stream	
Sorento(XM)	2015	USA Area	BSD(Blind Spot Detection)	Actuation Test	Activation Switch LED
Sorento(XM)	2015	USA Area	BSD(Blind Spot Detection)	Actuation Test	Mirror LED Left
Sorento(XM)	2015	USA Area	BSD(Blind Spot Detection)	Actuation Test	Mirror LED Right
Sorento(XM)	2015	USA Area	BSD(Blind Spot Detection)	Special Function	BSD Radar Calibration
Sorento(XM)	2015	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sorento(XM)	2015	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Version Information	

model	year	area	system	function	subfunction
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Waste Gate Valve(Turbo Only)
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp

model	year	area	system	function	subfunction
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-High
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-Low
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Type VIS 2

model	year	area	system	function	subfunction
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 1
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 2
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 3
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 4
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 5
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 6
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	GDI High Pressure Offset
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Special Function	CVVT Test
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sorento(XM)	2015	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Sorento(XM)	2015	USA Area	ESP(Electronic Stability Program)	Version Information	
Sorento(XM)	2015	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Sorento(XM)	2015	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sorento(XM)	2015	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Sorento(XM)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Sorento(XM)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front

model	year	area	system	function	subfunction
Sorento(XM)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sorento(XM)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sorento(XM)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Sorento(XM)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sorento(XM)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Sorento(XM)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sorento(XM)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sorento(XM)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Sorento(XM)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Sorento(XM)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Sorento(XM)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Sorento(XM)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Sorento(XM)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Sorento(XM)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Sorento(XM)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Sorento(XM)	2015	USA Area	ESP(Electronic Stability Program)	Special Function	SAS Calibration(CAN-ESP Only)
Sorento(XM)	2015	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sorento(XM)	2015	USA Area	ESP(Electronic Stability Program)	Special Function	Variant Coding
Sorento(XM)	2015	USA Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)

model	year	area	system	function	subfunction
Sorento(XM)	2015	USA Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor Calibration(HAC/ DBC Only)
Sorento(XM)	2015	USA Area	IMMO(Immobilizer)	Read Data	
Sorento(XM)	2015	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sorento(XM)	2015	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Sorento(XM)	2015	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sorento(XM)	2015	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sorento(XM)	2015	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Sorento(XM)	2015	USA Area	Motor Driven Power Steering(Mando)	Version Information	
Sorento(XM)	2015	USA Area	Motor Driven Power Steering(Mando)	Read Fault Code	
Sorento(XM)	2015	USA Area	Motor Driven Power Steering(Mando)	Clear Fault Memory	
Sorento(XM)	2015	USA Area	Motor Driven Power Steering(Mando)	Read Data Stream	
Sorento(XM)	2015	USA Area	Smart Key Unit	Version	
Sorento(XM)	2015	USA Area	Smart Key Unit	Read Fault Code	
Sorento(XM)	2015	USA Area	Smart Key Unit	Clear Fault	
Sorento(XM)	2015	USA Area	Smart Key Unit	Read Data	
Sorento(XM)	2015	USA Area	Smart Key Unit	Actuation Test	External Buzzer
Sorento(XM)	2015	USA Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Sorento(XM)	2015	USA Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Sorento(XM)	2015	USA Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Sorento(XM)	2015	USA Area	Smart Key Unit	Actuation Test	ACC Relay
Sorento(XM)	2015	USA Area	Smart Key Unit	Actuation Test	IGN1 Relay
Sorento(XM)	2015	USA Area	Smart Key Unit	Actuation Test	IGN2 Relay
Sorento(XM)	2015	USA Area	Smart Key Unit	Actuation Test	START Relay
Sorento(XM)	2015	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Sorento(XM)	2015	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Sorento(XM)	2015	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Sorento(XM)	2015	USA Area	Smart Key Unit	Actuation Test	Trunk Antenna(Sedan Only)
Sorento(XM)	2015	USA Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Sorento(XM)	2015	USA Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna

model	year	area	system	function	subfunction
Sorento(XM)	2015	USA Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
Sorento(XM)	2015	USA Area	Smart Key Unit	Special Function	Smart Key Code Saving
Sorento(XM)	2015	USA Area	Smart Key Unit	Special Function	Neutralization Mode
Sorento(XM)	2015	USA Area	Smart Key Unit	Special Function	SMK Status Information
Sorento(XM)	2015	USA Area	Smart Key Unit	Special Function	FOB KEY Status Information
Sorento(XM)	2015	USA Area	Smart Key Unit	Special Function	Current FOB Key Check
Sorento(XM)	2015	USA Area	Smart Key Unit	Special Function	Antenna Status Check
Sorento(XM)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sorento(XM)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sorento(XM)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sorento(XM)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sorento(XM)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Sorento(XM)	2015	USA Area	TCM(Transmission Control Module)	Version Information	
Sorento(XM)	2015	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sorento(XM)	2015	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sorento(XM)	2015	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sorento(XM)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sorento(XM)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sorento(XM)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)

model	year	area	system	function	subfunction
Sorento(XM)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sorento(XM)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sorento(XM)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sorento(XM)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sorento(XM)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sorento(XM)	2015	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sorento(XM)	2015	USA Area	Telematics Unit	Version	
Sorento(XM)	2015	USA Area	Telematics Unit	Read Fault Code	
Sorento(XM)	2015	USA Area	Telematics Unit	Clear Fault	
Sorento(XM)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sorento(XM)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sorento(XM)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sorento(XM)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sorento(XM)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sorento(XM)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sorento(XM)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sorento(XM)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sorento(XM)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sorento(XM)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sorento(XM)	2014	USA Area	4WD Control	Version	
Sorento(XM)	2014	USA Area	4WD Control	Read Fault Code	
Sorento(XM)	2014	USA Area	4WD Control	Clear Fault	
Sorento(XM)	2014	USA Area	4WD Control	Read Data	
Sorento(XM)	2014	USA Area	4WD Control	Actuation Test	Torque Coupling Control

model	year	area	system	function	subfunction
Sorento(XM)	2014	USA Area	4WD Control	Actuation Test	AWD/LOCK Mode Select
Sorento(XM)	2014	USA Area	4WD Control	Actuation Test	4WD Lamp
Sorento(XM)	2014	USA Area	4WD Control	Special Function	Clutch Learning Reset
Sorento(XM)	2014	USA Area	4WD Control	Special Function	Clutch Learning Read
Sorento(XM)	2014	USA Area	4WD Control	Special Function	Clutch Learning Write
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Version	
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Read Fault Code	
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Clear Fault	
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Read Data	
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot

model	year	area	system	function	subfunction
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%

model	year	area	system	function	subfunction
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage PTC ON(Min.)
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage PTC OFF
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage COMP ON(Min.)
Sorento(XM)	2014	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage COMP OFF
Sorento(XM)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Sorento(XM)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Sorento(XM)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Sorento(XM)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Sorento(XM)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Min(Low)Position
Sorento(XM)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL(Head Lamp Leveling)Max(High)Position
Sorento(XM)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	HLL normal position
Sorento(XM)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Sorento(XM)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Setting&Zero position Initial

model	year	area	system	function	subfunction
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Version Information	
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Read Fault Code	
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Read Data Stream	
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock Output
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock Output
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	2-Turn Unlock/Dead Lock Output
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Output
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low Output
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Output
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Output
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Start inhibit Output
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Output
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output(RH)
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Output
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Output(RH)
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output(RH)
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low GND Control Output
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Turn RH Output

model	year	area	system	function	subfunction
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Output
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	DRL Output(Canada)
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Output
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Parking Assist System Buzzer
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Horn Output
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Defogger Output
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Seat Warmer Output-Rear Left
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Seat Warmer Output-Rear
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	RPAS Off Switch Indicator
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Folding Mirror Output
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Unfolding Mirror Output
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Cornering Lamp Right Output
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Cornering Lamp Left Output
Sorento(XM)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Interior Tail Lamp Output
Sorento(XM)	2014	USA Area	BSD(Blind Spot Detection)	Version Information	
Sorento(XM)	2014	USA Area	BSD(Blind Spot Detection)	Read Fault Code	

model	year	area	system	function	subfunction
Sorento(XM)	2014	USA Area	BSD(Blind Spot Detection)	Clear Fault Memory	
Sorento(XM)	2014	USA Area	BSD(Blind Spot Detection)	Read Data Stream	
Sorento(XM)	2014	USA Area	BSD(Blind Spot Detection)	Actuation Test	Activation Switch LED
Sorento(XM)	2014	USA Area	BSD(Blind Spot Detection)	Actuation Test	Mirror LED Left
Sorento(XM)	2014	USA Area	BSD(Blind Spot Detection)	Actuation Test	Mirror LED Right
Sorento(XM)	2014	USA Area	BSD(Blind Spot Detection)	Special Function	BSD Radar Calibration
Sorento(XM)	2014	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sorento(XM)	2014	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Version Information	
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator

model	year	area	system	function	subfunction
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Waste Gate Valve(Turbo Only)
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main

model	year	area	system	function	subfunction
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-High
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-Low
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM

model	year	area	system	function	subfunction
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Type VIS 2
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 1
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 2
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 3
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 4
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 5
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	GDI Injector-Cylinder 6
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	GDI High Pressure Offset
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Special Function	CVVT Test
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test

model	year	area	system	function	subfunction
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sorento(XM)	2014	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Sorento(XM)	2014	USA Area	ESP(Electronic Stability Program)	Version Information	
Sorento(XM)	2014	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Sorento(XM)	2014	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sorento(XM)	2014	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Sorento(XM)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Sorento(XM)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Sorento(XM)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sorento(XM)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sorento(XM)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Sorento(XM)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sorento(XM)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Sorento(XM)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sorento(XM)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sorento(XM)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Sorento(XM)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Sorento(XM)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Sorento(XM)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Sorento(XM)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Sorento(XM)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front

model	year	area	system	function	subfunction
Sorento(XM)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Sorento(XM)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Sorento(XM)	2014	USA Area	ESP(Electronic Stability Program)	Special Function	SAS Calibration(CAN-ESP Only)
Sorento(XM)	2014	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sorento(XM)	2014	USA Area	ESP(Electronic Stability Program)	Special Function	Variant Coding
Sorento(XM)	2014	USA Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Sorento(XM)	2014	USA Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Sorento(XM)	2014	USA Area	IMMO(Immobilizer)	Read Data	
Sorento(XM)	2014	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sorento(XM)	2014	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Sorento(XM)	2014	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sorento(XM)	2014	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sorento(XM)	2014	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Sorento(XM)	2014	USA Area	Motor Driven Power Steering(Mando)	Version Information	
Sorento(XM)	2014	USA Area	Motor Driven Power Steering(Mando)	Read Fault Code	
Sorento(XM)	2014	USA Area	Motor Driven Power Steering(Mando)	Clear Fault Memory	
Sorento(XM)	2014	USA Area	Motor Driven Power Steering(Mando)	Read Data Stream	
Sorento(XM)	2014	USA Area	Smart Key Unit	Version	
Sorento(XM)	2014	USA Area	Smart Key Unit	Read Fault Code	
Sorento(XM)	2014	USA Area	Smart Key Unit	Clear Fault	
Sorento(XM)	2014	USA Area	Smart Key Unit	Read Data	
Sorento(XM)	2014	USA Area	Smart Key Unit	Actuation Test	External Buzzer
Sorento(XM)	2014	USA Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Sorento(XM)	2014	USA Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green

model	year	area	system	function	subfunction
Sorento(XM)	2014	USA Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Sorento(XM)	2014	USA Area	Smart Key Unit	Actuation Test	ACC Relay
Sorento(XM)	2014	USA Area	Smart Key Unit	Actuation Test	IGN1 Relay
Sorento(XM)	2014	USA Area	Smart Key Unit	Actuation Test	IGN2 Relay
Sorento(XM)	2014	USA Area	Smart Key Unit	Actuation Test	START Relay
Sorento(XM)	2014	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Sorento(XM)	2014	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Sorento(XM)	2014	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Sorento(XM)	2014	USA Area	Smart Key Unit	Actuation Test	Trunk Antenna(Sedan Only)
Sorento(XM)	2014	USA Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Sorento(XM)	2014	USA Area	Smart Key Unit	Actuation Test	Left Door Handle Antenna
Sorento(XM)	2014	USA Area	Smart Key Unit	Actuation Test	Right Door Handle Antenna
Sorento(XM)	2014	USA Area	Smart Key Unit	Special Function	Smart Key Code Saving
Sorento(XM)	2014	USA Area	Smart Key Unit	Special Function	Neutralization Mode
Sorento(XM)	2014	USA Area	Smart Key Unit	Special Function	SMK Status Information
Sorento(XM)	2014	USA Area	Smart Key Unit	Special Function	FOB KEY Status Information
Sorento(XM)	2014	USA Area	Smart Key Unit	Special Function	Current FOB Key Check
Sorento(XM)	2014	USA Area	Smart Key Unit	Special Function	Antenna Status Check
Sorento(XM)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sorento(XM)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sorento(XM)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sorento(XM)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sorento(XM)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding

model	year	area	system	function	subfunction
Sorento(XM)	2014	USA Area	TCM(Transmission Control Module)	Version Information	
Sorento(XM)	2014	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sorento(XM)	2014	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sorento(XM)	2014	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sorento(XM)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sorento(XM)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sorento(XM)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sorento(XM)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sorento(XM)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sorento(XM)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sorento(XM)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sorento(XM)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sorento(XM)	2014	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sorento(XM)	2014	USA Area	Telematics Unit	Version	
Sorento(XM)	2014	USA Area	Telematics Unit	Read Fault Code	
Sorento(XM)	2014	USA Area	Telematics Unit	Clear Fault	
Sorento(XM)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sorento(XM)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sorento(XM)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sorento(XM)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	

model	year	area	system	function	subfunction
Sorento(XM)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sorento(XM)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sorento(XM)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sorento(XM)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sorento(XM)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sorento(XM)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sorento(XM)	2013	USA Area	4WD Control	Version	
Sorento(XM)	2013	USA Area	4WD Control	Read Fault Code	
Sorento(XM)	2013	USA Area	4WD Control	Clear Fault	
Sorento(XM)	2013	USA Area	4WD Control	Read Data	
Sorento(XM)	2013	USA Area	4WD Control	Special Function	Torque Coupling Control
Sorento(XM)	2013	USA Area	4WD Control	Special Function	AWD Mode Selection
Sorento(XM)	2013	USA Area	AC(Air Conditioning)	Version	
Sorento(XM)	2013	USA Area	AC(Air Conditioning)	Read Fault Code	
Sorento(XM)	2013	USA Area	AC(Air Conditioning)	Clear Fault	
Sorento(XM)	2013	USA Area	AC(Air Conditioning)	Read Data	
Sorento(XM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sorento(XM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sorento(XM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sorento(XM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sorento(XM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sorento(XM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sorento(XM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sorento(XM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sorento(XM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sorento(XM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sorento(XM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sorento(XM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%

model	year	area	system	function	subfunction
Sorento(XM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sorento(XM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sorento(XM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sorento(XM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sorento(XM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sorento(XM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Sorento(XM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sorento(XM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Sorento(XM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Sorento(XM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Sorento(XM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Sorento(XM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Sorento(XM)	2013	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sorento(XM)	2013	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Version Information	
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control

model	year	area	system	function	subfunction
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor

model	year	area	system	function	subfunction
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Waste Gate Valve(Turbo Only)
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-High
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-Low
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5

model	year	area	system	function	subfunction
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	VCM MOTOR
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Special Function	CVVT Test
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Special Function	VCM Learning
Sorento(XM)	2013	USA Area	ECM(Engine Control Module)	Special Function	ETC Motor Cleaning

model	year	area	system	function	subfunction
Sorento(XM)	2013	USA Area	EPS(Electronic Power Steering)	Version Information	
Sorento(XM)	2013	USA Area	EPS(Electronic Power Steering)	Read Fault Code	
Sorento(XM)	2013	USA Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Sorento(XM)	2013	USA Area	EPS(Electronic Power Steering)	Read Data Stream	
Sorento(XM)	2013	USA Area	ESP(Electronic Stability Program)	Version Information	
Sorento(XM)	2013	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Sorento(XM)	2013	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sorento(XM)	2013	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Sorento(XM)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Sorento(XM)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Sorento(XM)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sorento(XM)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sorento(XM)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Sorento(XM)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sorento(XM)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Sorento(XM)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sorento(XM)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sorento(XM)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Sorento(XM)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Sorento(XM)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Sorento(XM)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Sorento(XM)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Sorento(XM)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front

model	year	area	system	function	subfunction
Sorento(XM)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Sorento(XM)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Sorento(XM)	2013	USA Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Sorento(XM)	2013	USA Area	ESP(Electronic Stability Program)	Special Function	Steering Angle Sensor
Sorento(XM)	2013	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sorento(XM)	2013	USA Area	IMMO(Immobilizer)	Read Data	
Sorento(XM)	2013	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sorento(XM)	2013	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Sorento(XM)	2013	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sorento(XM)	2013	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sorento(XM)	2013	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Sorento(XM)	2013	USA Area	IPM(Instrument Panel Module)	Version Information	
Sorento(XM)	2013	USA Area	IPM(Instrument Panel Module)	Read Fault Code	
Sorento(XM)	2013	USA Area	IPM(Instrument Panel Module)	Clear Fault Memory	
Sorento(XM)	2013	USA Area	IPM(Instrument Panel Module)	Read Data Stream	
Sorento(XM)	2013	USA Area	IPM(Instrument Panel Module)	Actuation Test	Lock relay
Sorento(XM)	2013	USA Area	IPM(Instrument Panel Module)	Actuation Test	Unlock relay
Sorento(XM)	2013	USA Area	IPM(Instrument Panel Module)	Actuation Test	Dead Lock Relay
Sorento(XM)	2013	USA Area	IPM(Instrument Panel Module)	Actuation Test	Tailgate unlock relay
Sorento(XM)	2013	USA Area	IPM(Instrument Panel Module)	Actuation Test	Power Window Relay
Sorento(XM)	2013	USA Area	IPM(Instrument Panel Module)	Actuation Test	Wiper Relay
Sorento(XM)	2013	USA Area	IPM(Instrument Panel Module)	Actuation Test	Hazard Lamp Relay(+RK)
Sorento(XM)	2013	USA Area	IPM(Instrument Panel Module)	Actuation Test	Burglar Horn Relay

model	year	area	system	function	subfunction
Sorento(XM)	2013	USA Area	IPM(Instrument Panel Module)	Actuation Test	Starter Inhibit Relay
Sorento(XM)	2013	USA Area	IPM(Instrument Panel Module)	Actuation Test	Tail lamp
Sorento(XM)	2013	USA Area	IPM(Instrument Panel Module)	Actuation Test	Head lamp low
Sorento(XM)	2013	USA Area	IPM(Instrument Panel Module)	Actuation Test	Rr Defogger Relay
Sorento(XM)	2013	USA Area	IPM(Instrument Panel Module)	Actuation Test	Driver Seat Belt Indicator
Sorento(XM)	2013	USA Area	IPM(Instrument Panel Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sorento(XM)	2013	USA Area	IPM(Instrument Panel Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Sorento(XM)	2013	USA Area	IPM(Instrument Panel Module)	Actuation Test	Buzzer
Sorento(XM)	2013	USA Area	IPM(Instrument Panel Module)	Actuation Test	Room Lamp
Sorento(XM)	2013	USA Area	IPM(Instrument Panel Module)	Actuation Test	Head Lamp Washer Relay
Sorento(XM)	2013	USA Area	IPM(Instrument Panel Module)	Actuation Test	Front Fog Lamp
Sorento(XM)	2013	USA Area	IPM(Instrument Panel Module)	Actuation Test	Front Fog Lamp Indicator
Sorento(XM)	2013	USA Area	IPM(Instrument Panel Module)	Actuation Test	Head lamp high
Sorento(XM)	2013	USA Area	IPM(Instrument Panel Module)	Actuation Test	Rear Wiper Relay
Sorento(XM)	2013	USA Area	IPM(Instrument Panel Module)	Actuation Test	Head Lamp Low Indicator(By Cluster
Sorento(XM)	2013	USA Area	IPM(Instrument Panel Module)	Actuation Test	AV Tail
Sorento(XM)	2013	USA Area	IPM(Instrument Panel Module)	Actuation Test	Head Lamp High Indicator
Sorento(XM)	2013	USA Area	IPM(Instrument Panel Module)	Actuation Test	Horn Relay
Sorento(XM)	2013	USA Area	IPM(Instrument Panel Module)	Actuation Test	Tail Lamp Indicator
Sorento(XM)	2013	USA Area	IPM(Instrument Panel Module)	Actuation Test	Parking Brake Indicator
Sorento(XM)	2013	USA Area	IPM(Instrument Panel Module)	Actuation Test	Room Lamp Auto Cut
Sorento(XM)	2013	USA Area	Smart Key	Version	

model	year	area	system	function	subfunction
Sorento(XM)	2013	USA Area	Smart Key	Read Fault Code	
Sorento(XM)	2013	USA Area	Smart Key	Clear Fault	
Sorento(XM)	2013	USA Area	Smart Key	Read Data	
Sorento(XM)	2013	USA Area	Smart Key	Actuation Test	SSB LED Amber
Sorento(XM)	2013	USA Area	Smart Key	Actuation Test	SSB LED Blue/Green
Sorento(XM)	2013	USA Area	Smart Key	Actuation Test	FOB holder illumination
Sorento(XM)	2013	USA Area	Smart Key	Actuation Test	SSB illumination
Sorento(XM)	2013	USA Area	Smart Key	Actuation Test	ACC Relay
Sorento(XM)	2013	USA Area	Smart Key	Actuation Test	IGN1 Relay
Sorento(XM)	2013	USA Area	Smart Key	Actuation Test	IGN2 Relay
Sorento(XM)	2013	USA Area	Smart Key	Actuation Test	START Relay
Sorento(XM)	2013	USA Area	Smart Key	Actuation Test	Key Out Indicator
Sorento(XM)	2013	USA Area	Smart Key	Actuation Test	Immobilizer Indicator
Sorento(XM)	2013	USA Area	Smart Key	Actuation Test	External Buzzer
Sorento(XM)	2013	USA Area	Smart Key	Actuation Test	Interior Antenna
Sorento(XM)	2013	USA Area	Smart Key	Actuation Test	Interior Antenna
Sorento(XM)	2013	USA Area	Smart Key	Actuation Test	Interior Antenna
Sorento(XM)	2013	USA Area	Smart Key	Actuation Test	Bumper/Tail Gate Antenna
Sorento(XM)	2013	USA Area	Smart Key	Actuation Test	Driver Door Handle Antenna
Sorento(XM)	2013	USA Area	Smart Key	Actuation Test	Right Door Handle Antenna
Sorento(XM)	2013	USA Area	Smart Key	Special Function	Neutralization Mode
Sorento(XM)	2013	USA Area	Smart Key	Special Function	SMK Status Information
Sorento(XM)	2013	USA Area	Smart Key	Special Function	PDM Status Information
Sorento(XM)	2013	USA Area	Smart Key	Special Function	FOB KEY Status Information
Sorento(XM)	2013	USA Area	Smart Key	Special Function	Serial Communication Line Check
Sorento(XM)	2013	USA Area	Smart Key	Special Function	Antenna Status Check
Sorento(XM)	2013	USA Area	Smart Key	Special Function	Smart Key Code Saving
Sorento(XM)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	

model	year	area	system	function	subfunction
Sorento(XM)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sorento(XM)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sorento(XM)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sorento(XM)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Sorento(XM)	2013	USA Area	TCM(Transmission Control Module)	Version Information	
Sorento(XM)	2013	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sorento(XM)	2013	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sorento(XM)	2013	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sorento(XM)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sorento(XM)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sorento(XM)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sorento(XM)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sorento(XM)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sorento(XM)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sorento(XM)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sorento(XM)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve

model	year	area	system	function	subfunction
Sorento(XM)	2013	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sorento(XM)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sorento(XM)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sorento(XM)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sorento(XM)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sorento(XM)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sorento(XM)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sorento(XM)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Sorento(XM)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sorento(XM)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sorento(XM)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sorento(XM)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sorento(XM)	2012	USA Area	4WD Control	Version	
Sorento(XM)	2012	USA Area	4WD Control	Read Fault Code	
Sorento(XM)	2012	USA Area	4WD Control	Clear Fault	
Sorento(XM)	2012	USA Area	4WD Control	Read Data	
Sorento(XM)	2012	USA Area	4WD Control	Special Function	Torque Coupling Control
Sorento(XM)	2012	USA Area	4WD Control	Special Function	AWD Mode Selection
Sorento(XM)	2012	USA Area	AC(Air Conditioning)	Version	
Sorento(XM)	2012	USA Area	AC(Air Conditioning)	Read Fault Code	
Sorento(XM)	2012	USA Area	AC(Air Conditioning)	Clear Fault	
Sorento(XM)	2012	USA Area	AC(Air Conditioning)	Read Data	
Sorento(XM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sorento(XM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sorento(XM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sorento(XM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sorento(XM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sorento(XM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High

model	year	area	system	function	subfunction
Sorento(XM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sorento(XM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sorento(XM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sorento(XM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sorento(XM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sorento(XM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sorento(XM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sorento(XM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sorento(XM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sorento(XM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sorento(XM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sorento(XM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Sorento(XM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sorento(XM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Sorento(XM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Sorento(XM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Sorento(XM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Sorento(XM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Sorento(XM)	2012	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sorento(XM)	2012	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Version Information	
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Waste Gate Valve(Turbo Only)
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-High

model	year	area	system	function	subfunction
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-Low
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	VCM MOTOR
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Special Function	CVVT Test
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test

model	year	area	system	function	subfunction
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Special Function	VCM Learning
Sorento(XM)	2012	USA Area	ECM(Engine Control Module)	Special Function	ETC Motor Cleaning
Sorento(XM)	2012	USA Area	EPS(Electronic Power Steering)	Version Information	
Sorento(XM)	2012	USA Area	EPS(Electronic Power Steering)	Read Fault Code	
Sorento(XM)	2012	USA Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Sorento(XM)	2012	USA Area	EPS(Electronic Power Steering)	Read Data Stream	
Sorento(XM)	2012	USA Area	ESP(Electronic Stability Program)	Version Information	
Sorento(XM)	2012	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Sorento(XM)	2012	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sorento(XM)	2012	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Sorento(XM)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Sorento(XM)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Sorento(XM)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sorento(XM)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sorento(XM)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Sorento(XM)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sorento(XM)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Sorento(XM)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sorento(XM)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear

model	year	area	system	function	subfunction
Sorento(XM)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Sorento(XM)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Sorento(XM)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Sorento(XM)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Sorento(XM)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Sorento(XM)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Sorento(XM)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Sorento(XM)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Sorento(XM)	2012	USA Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Sorento(XM)	2012	USA Area	ESP(Electronic Stability Program)	Special Function	Steering Angle Sensor
Sorento(XM)	2012	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sorento(XM)	2012	USA Area	IMMO(Immobilizer)	Read Data	
Sorento(XM)	2012	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sorento(XM)	2012	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Sorento(XM)	2012	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sorento(XM)	2012	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sorento(XM)	2012	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Sorento(XM)	2012	USA Area	IPM(Instrument Panel Module)	Version Information	
Sorento(XM)	2012	USA Area	IPM(Instrument Panel Module)	Read Fault Code	
Sorento(XM)	2012	USA Area	IPM(Instrument Panel Module)	Clear Fault Memory	
Sorento(XM)	2012	USA Area	IPM(Instrument Panel Module)	Read Data Stream	
Sorento(XM)	2012	USA Area	IPM(Instrument Panel Module)	Actuation Test	Lock relay
Sorento(XM)	2012	USA Area	IPM(Instrument Panel Module)	Actuation Test	Unlock relay

model	year	area	system	function	subfunction
Sorento(XM)	2012	USA Area	IPM(Instrument Panel Module)	Actuation Test	Dead Lock Relay
Sorento(XM)	2012	USA Area	IPM(Instrument Panel Module)	Actuation Test	Tailgate unlock relay
Sorento(XM)	2012	USA Area	IPM(Instrument Panel Module)	Actuation Test	Power Window Relay
Sorento(XM)	2012	USA Area	IPM(Instrument Panel Module)	Actuation Test	Wiper Relay
Sorento(XM)	2012	USA Area	IPM(Instrument Panel Module)	Actuation Test	Hazard Lamp Relay(+RK)
Sorento(XM)	2012	USA Area	IPM(Instrument Panel Module)	Actuation Test	Burglar Horn Relay
Sorento(XM)	2012	USA Area	IPM(Instrument Panel Module)	Actuation Test	Starter Inhibit Relay
Sorento(XM)	2012	USA Area	IPM(Instrument Panel Module)	Actuation Test	Tail lamp
Sorento(XM)	2012	USA Area	IPM(Instrument Panel Module)	Actuation Test	Head lamp low
Sorento(XM)	2012	USA Area	IPM(Instrument Panel Module)	Actuation Test	Rr Defogger Relay
Sorento(XM)	2012	USA Area	IPM(Instrument Panel Module)	Actuation Test	Driver Seat Belt Indicator
Sorento(XM)	2012	USA Area	IPM(Instrument Panel Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sorento(XM)	2012	USA Area	IPM(Instrument Panel Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Sorento(XM)	2012	USA Area	IPM(Instrument Panel Module)	Actuation Test	Buzzer
Sorento(XM)	2012	USA Area	IPM(Instrument Panel Module)	Actuation Test	Room Lamp
Sorento(XM)	2012	USA Area	IPM(Instrument Panel Module)	Actuation Test	Head Lamp Washer Relay
Sorento(XM)	2012	USA Area	IPM(Instrument Panel Module)	Actuation Test	Front Fog Lamp
Sorento(XM)	2012	USA Area	IPM(Instrument Panel Module)	Actuation Test	Front Fog Lamp Indicator
Sorento(XM)	2012	USA Area	IPM(Instrument Panel Module)	Actuation Test	Head lamp high
Sorento(XM)	2012	USA Area	IPM(Instrument Panel Module)	Actuation Test	Rear Wiper Relay
Sorento(XM)	2012	USA Area	IPM(Instrument Panel Module)	Actuation Test	Head Lamp Low Indicator(By Cluster

model	year	area	system	function	subfunction
Sorento(XM)	2012	USA Area	IPM(Instrument Panel Module)	Actuation Test	AV Tail
Sorento(XM)	2012	USA Area	IPM(Instrument Panel Module)	Actuation Test	Head Lamp High Indicator
Sorento(XM)	2012	USA Area	IPM(Instrument Panel Module)	Actuation Test	Horn Relay
Sorento(XM)	2012	USA Area	IPM(Instrument Panel Module)	Actuation Test	Tail Lamp Indicator
Sorento(XM)	2012	USA Area	IPM(Instrument Panel Module)	Actuation Test	Parking Brake Indicator
Sorento(XM)	2012	USA Area	IPM(Instrument Panel Module)	Actuation Test	Room Lamp Auto Cut
Sorento(XM)	2012	USA Area	Smart Key	Version	
Sorento(XM)	2012	USA Area	Smart Key	Read Fault Code	
Sorento(XM)	2012	USA Area	Smart Key	Clear Fault	
Sorento(XM)	2012	USA Area	Smart Key	Read Data	
Sorento(XM)	2012	USA Area	Smart Key	Actuation Test	SSB LED Amber
Sorento(XM)	2012	USA Area	Smart Key	Actuation Test	SSB LED Blue/Green
Sorento(XM)	2012	USA Area	Smart Key	Actuation Test	FOB holder illumination
Sorento(XM)	2012	USA Area	Smart Key	Actuation Test	SSB illumination
Sorento(XM)	2012	USA Area	Smart Key	Actuation Test	ACC Relay
Sorento(XM)	2012	USA Area	Smart Key	Actuation Test	IGN1 Relay
Sorento(XM)	2012	USA Area	Smart Key	Actuation Test	IGN2 Relay
Sorento(XM)	2012	USA Area	Smart Key	Actuation Test	START Relay
Sorento(XM)	2012	USA Area	Smart Key	Actuation Test	Key Out Indicator
Sorento(XM)	2012	USA Area	Smart Key	Actuation Test	Immobilizer Indicator
Sorento(XM)	2012	USA Area	Smart Key	Actuation Test	External Buzzer
Sorento(XM)	2012	USA Area	Smart Key	Actuation Test	Interior Antenna
Sorento(XM)	2012	USA Area	Smart Key	Actuation Test	Interior Antenna
Sorento(XM)	2012	USA Area	Smart Key	Actuation Test	Interior Antenna
Sorento(XM)	2012	USA Area	Smart Key	Actuation Test	Bumper/Tail Gate Antenna
Sorento(XM)	2012	USA Area	Smart Key	Actuation Test	Driver Door Handle Antenna
Sorento(XM)	2012	USA Area	Smart Key	Actuation Test	Right Door Handle Antenna
Sorento(XM)	2012	USA Area	Smart Key	Special Function	Neutralization Mode
Sorento(XM)	2012	USA Area	Smart Key	Special Function	SMK Status Information
Sorento(XM)	2012	USA Area	Smart Key	Special Function	PDM Status Information

model	year	area	system	function	subfunction
Sorento(XM)	2012	USA Area	Smart Key	Special Function	FOB KEY Status Information
Sorento(XM)	2012	USA Area	Smart Key	Special Function	Serial Communication Line Check
Sorento(XM)	2012	USA Area	Smart Key	Special Function	Antenna Status Check
Sorento(XM)	2012	USA Area	Smart Key	Special Function	Smart Key Code Saving
Sorento(XM)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sorento(XM)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sorento(XM)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sorento(XM)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sorento(XM)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Sorento(XM)	2012	USA Area	TCM(Transmission Control Module)	Version Information	
Sorento(XM)	2012	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sorento(XM)	2012	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sorento(XM)	2012	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sorento(XM)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sorento(XM)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sorento(XM)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sorento(XM)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)

model	year	area	system	function	subfunction
Sorento(XM)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sorento(XM)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sorento(XM)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sorento(XM)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sorento(XM)	2012	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sorento(XM)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sorento(XM)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sorento(XM)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sorento(XM)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sorento(XM)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sorento(XM)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sorento(XM)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Sorento(XM)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sorento(XM)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sorento(XM)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sorento(XM)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sorento(XM)	2011	USA Area	4WD Control	Version	
Sorento(XM)	2011	USA Area	4WD Control	Read Fault Code	
Sorento(XM)	2011	USA Area	4WD Control	Clear Fault	
Sorento(XM)	2011	USA Area	4WD Control	Read Data	
Sorento(XM)	2011	USA Area	4WD Control	Special Function	Torque Coupling Control
Sorento(XM)	2011	USA Area	4WD Control	Special Function	AWD Mode Selection
Sorento(XM)	2011	USA Area	AC(Air Conditioning)	Version	
Sorento(XM)	2011	USA Area	AC(Air Conditioning)	Read Fault Code	

model	year	area	system	function	subfunction
Sorento(XM)	2011	USA Area	AC(Air Conditioning)	Clear Fault	
Sorento(XM)	2011	USA Area	AC(Air Conditioning)	Read Data	
Sorento(XM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sorento(XM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sorento(XM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sorento(XM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sorento(XM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sorento(XM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sorento(XM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sorento(XM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sorento(XM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sorento(XM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sorento(XM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sorento(XM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sorento(XM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sorento(XM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sorento(XM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sorento(XM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sorento(XM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sorento(XM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Sorento(XM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sorento(XM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Sorento(XM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Sorento(XM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Sorento(XM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%

model	year	area	system	function	subfunction
Sorento(XM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Sorento(XM)	2011	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sorento(XM)	2011	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Version Information	
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	MIL Lamp
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-High
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan-Low
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Exhaust Oil Control Valve
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6

model	year	area	system	function	subfunction
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Front
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Sensor Heater-Rear
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank1
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Cam Phaser Intake Bank2
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 1
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	CAM Phaser Exhaust Bank 2
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	VCM MOTOR
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Special Function	PCM Lock(MEC)Setting
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Special Function	VCM Learning
Sorento(XM)	2011	USA Area	ECM(Engine Control Module)	Special Function	ETC Motor Cleaning
Sorento(XM)	2011	USA Area	EPS(Electronic Power Steering)	Version Information	
Sorento(XM)	2011	USA Area	EPS(Electronic Power Steering)	Read Fault Code	

model	year	area	system	function	subfunction
Sorento(XM)	2011	USA Area	EPS(Electronic Power Steering)	Clear Fault Memory	
Sorento(XM)	2011	USA Area	EPS(Electronic Power Steering)	Read Data Stream	
Sorento(XM)	2011	USA Area	ESP(Electronic Stability Program)	Version Information	
Sorento(XM)	2011	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Sorento(XM)	2011	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sorento(XM)	2011	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Sorento(XM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Sorento(XM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Sorento(XM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sorento(XM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sorento(XM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Sorento(XM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sorento(XM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Sorento(XM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sorento(XM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sorento(XM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Sorento(XM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Sorento(XM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Sorento(XM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Sorento(XM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Sorento(XM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Sorento(XM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)

model	year	area	system	function	subfunction
Sorento(XM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Sorento(XM)	2011	USA Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Sorento(XM)	2011	USA Area	ESP(Electronic Stability Program)	Special Function	Steering Angle Sensor
Sorento(XM)	2011	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sorento(XM)	2011	USA Area	IMMO(Immobilizer)	Read Data	
Sorento(XM)	2011	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sorento(XM)	2011	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Sorento(XM)	2011	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sorento(XM)	2011	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sorento(XM)	2011	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Sorento(XM)	2011	USA Area	IPM(Instrument Panel Module)	Version Information	
Sorento(XM)	2011	USA Area	IPM(Instrument Panel Module)	Read Fault Code	
Sorento(XM)	2011	USA Area	IPM(Instrument Panel Module)	Clear Fault Memory	
Sorento(XM)	2011	USA Area	IPM(Instrument Panel Module)	Read Data Stream	
Sorento(XM)	2011	USA Area	IPM(Instrument Panel Module)	Actuation Test	Lock relay
Sorento(XM)	2011	USA Area	IPM(Instrument Panel Module)	Actuation Test	Unlock relay
Sorento(XM)	2011	USA Area	IPM(Instrument Panel Module)	Actuation Test	Dead Lock Relay
Sorento(XM)	2011	USA Area	IPM(Instrument Panel Module)	Actuation Test	Tailgate unlock relay
Sorento(XM)	2011	USA Area	IPM(Instrument Panel Module)	Actuation Test	Power Window Relay
Sorento(XM)	2011	USA Area	IPM(Instrument Panel Module)	Actuation Test	Wiper Relay
Sorento(XM)	2011	USA Area	IPM(Instrument Panel Module)	Actuation Test	Hazard Lamp Relay(+RK)
Sorento(XM)	2011	USA Area	IPM(Instrument Panel Module)	Actuation Test	Burglar Horn Relay
Sorento(XM)	2011	USA Area	IPM(Instrument Panel Module)	Actuation Test	Starter Inhibit Relay
Sorento(XM)	2011	USA Area	IPM(Instrument Panel Module)	Actuation Test	Tail lamp

model	year	area	system	function	subfunction
Sorento(XM)	2011	USA Area	IPM(Instrument Panel Module)	Actuation Test	Head lamp low
Sorento(XM)	2011	USA Area	IPM(Instrument Panel Module)	Actuation Test	Rr Defogger Relay
Sorento(XM)	2011	USA Area	IPM(Instrument Panel Module)	Actuation Test	Driver Seat Belt Indicator
Sorento(XM)	2011	USA Area	IPM(Instrument Panel Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sorento(XM)	2011	USA Area	IPM(Instrument Panel Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Sorento(XM)	2011	USA Area	IPM(Instrument Panel Module)	Actuation Test	Buzzer
Sorento(XM)	2011	USA Area	IPM(Instrument Panel Module)	Actuation Test	Room Lamp
Sorento(XM)	2011	USA Area	IPM(Instrument Panel Module)	Actuation Test	Head Lamp Washer Relay
Sorento(XM)	2011	USA Area	IPM(Instrument Panel Module)	Actuation Test	Front Fog Lamp
Sorento(XM)	2011	USA Area	IPM(Instrument Panel Module)	Actuation Test	Front Fog Lamp Indicator
Sorento(XM)	2011	USA Area	IPM(Instrument Panel Module)	Actuation Test	Head lamp high
Sorento(XM)	2011	USA Area	IPM(Instrument Panel Module)	Actuation Test	Rear Wiper Relay
Sorento(XM)	2011	USA Area	IPM(Instrument Panel Module)	Actuation Test	Head Lamp Low Indicator(By Cluster
Sorento(XM)	2011	USA Area	IPM(Instrument Panel Module)	Actuation Test	AV Tail
Sorento(XM)	2011	USA Area	IPM(Instrument Panel Module)	Actuation Test	Head Lamp High Indicator
Sorento(XM)	2011	USA Area	IPM(Instrument Panel Module)	Actuation Test	Horn Relay
Sorento(XM)	2011	USA Area	IPM(Instrument Panel Module)	Actuation Test	Tail Lamp Indicator
Sorento(XM)	2011	USA Area	IPM(Instrument Panel Module)	Actuation Test	Parking Brake Indicator
Sorento(XM)	2011	USA Area	IPM(Instrument Panel Module)	Actuation Test	Room Lamp Auto Cut
Sorento(XM)	2011	USA Area	Smart Key	Version	
Sorento(XM)	2011	USA Area	Smart Key	Read Fault Code	
Sorento(XM)	2011	USA Area	Smart Key	Clear Fault	
Sorento(XM)	2011	USA Area	Smart Key	Read Data	
Sorento(XM)	2011	USA Area	Smart Key	Actuation Test	SSB LED Amber

model	year	area	system	function	subfunction
Sorento(XM)	2011	USA Area	Smart Key	Actuation Test	SSB LED Blue/Green
Sorento(XM)	2011	USA Area	Smart Key	Actuation Test	FOB holder illumination
Sorento(XM)	2011	USA Area	Smart Key	Actuation Test	SSB illumination
Sorento(XM)	2011	USA Area	Smart Key	Actuation Test	ACC Relay
Sorento(XM)	2011	USA Area	Smart Key	Actuation Test	IGN1 Relay
Sorento(XM)	2011	USA Area	Smart Key	Actuation Test	IGN2 Relay
Sorento(XM)	2011	USA Area	Smart Key	Actuation Test	START Relay
Sorento(XM)	2011	USA Area	Smart Key	Actuation Test	Key Out Indicator
Sorento(XM)	2011	USA Area	Smart Key	Actuation Test	Immobilizer Indicator
Sorento(XM)	2011	USA Area	Smart Key	Actuation Test	External Buzzer
Sorento(XM)	2011	USA Area	Smart Key	Actuation Test	Interior Antenna
Sorento(XM)	2011	USA Area	Smart Key	Actuation Test	Interior Antenna
Sorento(XM)	2011	USA Area	Smart Key	Actuation Test	Interior Antenna
Sorento(XM)	2011	USA Area	Smart Key	Actuation Test	Bumper/Tail Gate Antenna
Sorento(XM)	2011	USA Area	Smart Key	Actuation Test	Driver Door Handle Antenna
Sorento(XM)	2011	USA Area	Smart Key	Actuation Test	Right Door Handle Antenna
Sorento(XM)	2011	USA Area	Smart Key	Special Function	Neutralization Mode
Sorento(XM)	2011	USA Area	Smart Key	Special Function	SMK Status Information
Sorento(XM)	2011	USA Area	Smart Key	Special Function	PDM Status Information
Sorento(XM)	2011	USA Area	Smart Key	Special Function	FOB KEY Status Information
Sorento(XM)	2011	USA Area	Smart Key	Special Function	Serial Communication Line Check
Sorento(XM)	2011	USA Area	Smart Key	Special Function	Antenna Status Check
Sorento(XM)	2011	USA Area	Smart Key	Special Function	Smart Key Code Saving
Sorento(XM)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sorento(XM)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sorento(XM)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Sorento(XM)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sorento(XM)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Sorento(XM)	2011	USA Area	TCM(Transmission Control Module)	Version Information	
Sorento(XM)	2011	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sorento(XM)	2011	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sorento(XM)	2011	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sorento(XM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sorento(XM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sorento(XM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sorento(XM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sorento(XM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sorento(XM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sorento(XM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sorento(XM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sorento(XM)	2011	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sorento(XM)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sorento(XM)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sorento(XM)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Sorento(XM)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sorento(XM)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sorento(XM)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sorento(XM)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Sorento(XM)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sorento(XM)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sorento(XM)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sorento(XM)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance Mode-EPB/MOC Disengaging
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance Mode-EPB/MOC Engaging
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Warning Lamp
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Status Lamp
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear

model	year	area	system	function	subfunction
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Release Valve #2
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Release Valve #1
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Apply Valve #1
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Apply Valve #2
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Cut Valve #1
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Cut Valve #2
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Simulator Valve #2
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)

model	year	area	system	function	subfunction
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Special Function	SAS Calibration(CAN-ESP Only)
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/ DBC Only)
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Special Function	Pressure Sensor Calibration
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Special Function	Pedal Travel Sensor(PTS)Calibration
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Special Function	Fluid Circulation Mode
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Special Function	High Pressure Release Mode
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Soul EV(PS EV)	2016	USA Area	ABS(Anti-Lock Brake System)	Special Function	Air Bleeding of Low Pressure
Soul EV(PS	2016	USA Area	AC(Air Conditioning)	Version	
Soul EV(PS	2016	USA Area	AC(Air Conditioning)	Read Fault Code	
Soul EV(PS	2016	USA Area	AC(Air Conditioning)	Clear Fault	
Soul EV(PS	2016	USA Area	AC(Air Conditioning)	Read Data	
Soul EV(PS	2016	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Soul EV(PS	2016	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%

model	year	area	system	function	subfunction
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Soul EV(PS	2016	USA Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%

model	year	area	system	function	subfunction
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage PTC ON(Min.)
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage PTC OFF
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage COMP ON(Min.)
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage COMP OFF
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Refrigerant 2Way Valve-#1 ON
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Refrigerant 2Way Valve-#1 OFF
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Refrigerant 2Way Valve-#2 ON
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Refrigerant 2Way Valve-#2 OFF
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Refrigerant 3Way Valve-#1 ON
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Refrigerant 3Way Valve-#1 OFF

model	year	area	system	function	subfunction
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Refrigerant 3Way Valve-#2 ON
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Refrigerant 3Way Valve-#2 OFF
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Coolant 3Way Valve-Chiller
Soul EV(PS EV)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Coolant 3Way Valve-OBC
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Version Information	
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Read Fault Code	
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Read Data Stream	
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay

model	year	area	system	function	subfunction
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Parasitic Current Auto-Block IPS
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt Indicator
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt Indicator

model	year	area	system	function	subfunction
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt Indicator
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left/Right
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Right
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	High Mounted Stop Lamp
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	RL Door Lock Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	RL Door Unlock Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output

model	year	area	system	function	subfunction
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator

model	year	area	system	function	subfunction
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output

model	year	area	system	function	subfunction
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Heated Handle Output
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Heated Handle Indicator
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Map Lamp Output
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Alt'L Signal Out
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Relay
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Lamp
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Front Washer Motor Output

model	year	area	system	function	subfunction
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Washer Motor Output
Soul EV(PS EV)	2016	USA Area	BCM(Body Control Module)	Special Function	CLU Variant Coding
Soul EV(PS	2016	USA Area	HEV Battery System	Version	
Soul EV(PS	2016	USA Area	HEV Battery System	Read Fault Code	
Soul EV(PS	2016	USA Area	HEV Battery System	Clear Fault	
Soul EV(PS	2016	USA Area	HEV Battery System	Read Data	
Soul EV(PS	2016	USA Area	HEV Battery System	Actuation Test	Fan 1st
Soul EV(PS	2016	USA Area	HEV Battery System	Actuation Test	Fan 2nd
Soul EV(PS	2016	USA Area	HEV Battery System	Actuation Test	Fan 3rd
Soul EV(PS	2016	USA Area	HEV Battery System	Actuation Test	Fan 4th
Soul EV(PS	2016	USA Area	HEV Battery System	Actuation Test	Fan 5th
Soul EV(PS	2016	USA Area	HEV Battery System	Actuation Test	Fan 6th
Soul EV(PS	2016	USA Area	HEV Battery System	Actuation Test	Fan 7th
Soul EV(PS	2016	USA Area	HEV Battery System	Actuation Test	Fan 8th
Soul EV(PS	2016	USA Area	HEV Battery System	Actuation Test	Fan 9th
Soul EV(PS	2016	USA Area	HEV Battery System	Actuation Test	Fan Stop
Soul EV(PS	2016	USA Area	HEV Battery System	Actuation Test	Main Relay(-)ON
Soul EV(PS EV)	2016	USA Area	HEV Battery System	Actuation Test	Precharge Relay ON
Soul EV(PS EV)	2016	USA Area	HEV Battery System	Actuation Test	Main Relay(-),Precharge Relay ON simultaneous
Soul EV(PS EV)	2016	USA Area	HEV Battery System	Actuation Test	Main Relay(-),Main Relay(+)ON
Soul EV(PS EV)	2016	USA Area	HEV Battery System	Actuation Test	Main Relay(-)(+),Precharge Relay OFF simultaneous
Soul EV(PS EV)	2016	USA Area	HEV Battery System	Actuation Test	Quick Charger Relay(-)ON
Soul EV(PS EV)	2016	USA Area	HEV Battery System	Actuation Test	Quick Charger Relay(+)ON
Soul EV(PS EV)	2016	USA Area	HEV Battery System	Actuation Test	Quick Charger Relay(-)(+)ON simultaneous
Soul EV(PS EV)	2016	USA Area	HEV Battery System	Actuation Test	Quick Charger Relay(-)(+)OFF simultaneous
Soul EV(PS EV)	2016	USA Area	HEV Battery System	Actuation Test	High Voltage Battery Heater Relay ON

model	year	area	system	function	subfunction
Soul EV(PS EV)	2016	USA Area	HEV Battery System	Actuation Test	High Voltage Battery Heater Relay OFF
Soul EV(PS EV)	2016	USA Area	HEV Battery System	Special Function	Isolation Breakdown Detection
Soul EV(PS	2016	USA Area	Low DC/DC Converter	Version	
Soul EV(PS	2016	USA Area	Low DC/DC Converter	Read Fault Code	
Soul EV(PS	2016	USA Area	Low DC/DC Converter	Clear Fault	
Soul EV(PS	2016	USA Area	Low DC/DC Converter	Read Data	
Soul EV(PS EV)	2016	USA Area	MDPS(Motor Driven Power Steering)	Version Information	
Soul EV(PS EV)	2016	USA Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Soul EV(PS EV)	2016	USA Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Soul EV(PS EV)	2016	USA Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Soul EV(PS EV)	2016	USA Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Soul EV(PS EV)	2016	USA Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Soul EV(PS EV)	2016	USA Area	MDPS(Motor Driven Power Steering)	Special Function	Power Steering ECU
Soul EV(PS EV)	2016	USA Area	MDPS(Motor Driven Power Steering)	Special Function	Power Steering Motor
Soul EV(PS	2016	USA Area	On Board Charger	Version	
Soul EV(PS	2016	USA Area	On Board Charger	Read Fault Code	
Soul EV(PS	2016	USA Area	On Board Charger	Clear Fault	
Soul EV(PS	2016	USA Area	On Board Charger	Read Data	
Soul EV(PS	2016	USA Area	On Board Charger	Actuation Test	Lamp Center ON
Soul EV(PS	2016	USA Area	On Board Charger	Actuation Test	Lamp Left ON
Soul EV(PS	2016	USA Area	On Board Charger	Actuation Test	Lamp Right ON
Soul EV(PS	2016	USA Area	On Board Charger	Actuation Test	Lamp ALL ON
Soul EV(PS	2016	USA Area	Smart Key Unit	Version	
Soul EV(PS	2016	USA Area	Smart Key Unit	Read Fault Code	
Soul EV(PS	2016	USA Area	Smart Key Unit	Clear Fault	
Soul EV(PS	2016	USA Area	Smart Key Unit	Read Data	
Soul EV(PS	2016	USA Area	Smart Key Unit	Actuation Test	SSB Illumination
Soul EV(PS	2016	USA Area	Smart Key Unit	Actuation Test	SSB LED Amber
Soul EV(PS	2016	USA Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Soul EV(PS	2016	USA Area	Smart Key Unit	Actuation Test	SSB LED White
Soul EV(PS EV)	2016	USA Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Soul EV(PS EV)	2016	USA Area	Smart Key Unit	Actuation Test	ESCL Ground Output

model	year	area	system	function	subfunction
Soul EV(PS EV)	2016	USA Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Soul EV(PS	2016	USA Area	Smart Key Unit	Actuation Test	ACC Relay
Soul EV(PS	2016	USA Area	Smart Key Unit	Actuation Test	IGN1 Relay
Soul EV(PS	2016	USA Area	Smart Key Unit	Actuation Test	IGN2 Relay
Soul EV(PS	2016	USA Area	Smart Key Unit	Actuation Test	Starter Relay
Soul EV(PS	2016	USA Area	Smart Key Unit	Actuation Test	External Buzzer
Soul EV(PS	2016	USA Area	Smart Key Unit	Actuation Test	Key Out Indicator
Soul EV(PS EV)	2016	USA Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Soul EV(PS EV)	2016	USA Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Soul EV(PS	2016	USA Area	Smart Key Unit	Actuation Test	SSB LED OFF
Soul EV(PS	2016	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Soul EV(PS	2016	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Soul EV(PS	2016	USA Area	Smart Key Unit	Actuation Test	Trunk Antenna
Soul EV(PS	2016	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Soul EV(PS EV)	2016	USA Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Soul EV(PS EV)	2016	USA Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Soul EV(PS EV)	2016	USA Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Soul EV(PS EV)	2016	USA Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Soul EV(PS EV)	2016	USA Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Soul EV(PS EV)	2016	USA Area	Smart Key Unit	Special Function	Smart Key Code Saving
Soul EV(PS EV)	2016	USA Area	Smart Key Unit	Special Function	Neutralization Mode
Soul EV(PS EV)	2016	USA Area	Smart Key Unit	Special Function	SMK Status Information
Soul EV(PS EV)	2016	USA Area	Smart Key Unit	Special Function	FOB KEY Status Information
Soul EV(PS EV)	2016	USA Area	Smart Key Unit	Special Function	Current FOB Key Check
Soul EV(PS EV)	2016	USA Area	Smart Key Unit	Special Function	Antenna Status Check
Soul EV(PS EV)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Soul EV(PS EV)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	

model	year	area	system	function	subfunction
Soul EV(PS EV)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Soul EV(PS EV)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Soul EV(PS EV)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Body Sensor Reset
Soul EV(PS EV)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Soul EV(PS EV)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Soul EV(PS EV)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Soul EV(PS EV)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Soul EV(PS EV)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Soul EV(PS EV)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Soul EV(PS EV)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Soul EV(PS EV)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Soul EV(PS EV)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Soul EV(PS EV)	2016	USA Area	VMCS(Vehicle Motor Control System)	Version Information	
Soul EV(PS EV)	2016	USA Area	VMCS(Vehicle Motor Control System)	Read Fault Code	
Soul EV(PS EV)	2016	USA Area	VMCS(Vehicle Motor Control System)	Clear Fault Memory	
Soul EV(PS EV)	2016	USA Area	VMCS(Vehicle Motor Control System)	Read Data Stream	
Soul EV(PS EV)	2016	USA Area	VMCS(Vehicle Motor Control System)	Actuation Test	IG3 Control Operation
Soul EV(PS EV)	2016	USA Area	VMCS(Vehicle Motor Control System)	Actuation Test	Radiator Fan High
Soul EV(PS EV)	2016	USA Area	VMCS(Vehicle Motor Control System)	Actuation Test	Radiator Fan Low
Soul EV(PS EV)	2016	USA Area	VMCS(Vehicle Motor Control System)	Special Function	Read VIN
Soul EV(PS EV)	2016	USA Area	VMCS(Vehicle Motor Control System)	Special Function	Write VIN

model	year	area	system	function	subfunction
Soul EV(PS EV)	2016	USA Area	VMCS(Vehicle Motor Control System)	Special Function	Electric Water Pump Control
Soul EV(PS EV)	2016	USA Area	VMCS(Vehicle Motor Control System)	Special Function	Initialization of Automatic Resolver Offset
Soul EV(PS EV)	2016	USA Area	VMCS(Vehicle Motor Control System)	Special Function	VMCU Variant Coding
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance Mode-EPB/MOC Disengaging
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Maintenance Mode-EPB/MOC Engaging
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Apply
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Actuator Control-Release
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Warning Lamp
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Lamp Control-EPB Status Lamp
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear

model	year	area	system	function	subfunction
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(PRCV)
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Reservoir Cut Valve(SRCV)
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Right Front
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Electric Shuttle Valve-Left Front
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Release Valve #2
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Release Valve #1
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Apply Valve #1
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Apply Valve #2
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Cut Valve #1
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Cut Valve #2
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Simulator Valve #2
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Special Function	SAS Calibration(CAN-ESP Only)
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)

model	year	area	system	function	subfunction
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Special Function	Pressure Sensor Calibration
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Special Function	Pedal Travel Sensor(PTS)Calibration
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Special Function	Fluid Circulation Mode
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Special Function	High Pressure Release Mode
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Special Function	Variant Coding
Soul EV(PS EV)	2015	USA Area	ABS(Anti-Lock Brake System)	Special Function	Air Bleeding of Low Pressure
Soul EV(PS	2015	USA Area	AC(Air Conditioning)	Version	
Soul EV(PS	2015	USA Area	AC(Air Conditioning)	Read Fault Code	
Soul EV(PS	2015	USA Area	AC(Air Conditioning)	Clear Fault	
Soul EV(PS	2015	USA Area	AC(Air Conditioning)	Read Data	
Soul EV(PS	2015	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Soul EV(PS	2015	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost

model	year	area	system	function	subfunction
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Soul EV(PS	2015	USA Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%

model	year	area	system	function	subfunction
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage PTC ON(Min.)
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage PTC OFF
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage COMP ON(Min.)
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage COMP OFF
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Refrigerant 2Way Valve-#1 ON
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Refrigerant 2Way Valve-#1 OFF
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Refrigerant 2Way Valve-#2 ON
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Refrigerant 2Way Valve-#2 OFF
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Refrigerant 3Way Valve-#1 ON
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Refrigerant 3Way Valve-#1 OFF
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Refrigerant 3Way Valve-#2 ON
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Refrigerant 3Way Valve-#2 OFF
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Coolant 3Way Valve-Chiller

model	year	area	system	function	subfunction
Soul EV(PS EV)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Coolant 3Way Valve-OBC
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Version Information	
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Read Fault Code	
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Read Data Stream	
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock

model	year	area	system	function	subfunction
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Parasitic Current Auto-Block IPS
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt Indicator
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt Indicator
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt Indicator
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left/Right
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Left

model	year	area	system	function	subfunction
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Stop Lamp Right
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	High Mounted Stop Lamp
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	RL Door Lock Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	RL Door Unlock Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)

model	year	area	system	function	subfunction
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window

model	year	area	system	function	subfunction
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay

model	year	area	system	function	subfunction
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Heated Handle Output
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Heated Handle Indicator
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Map Lamp Output
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Alt'L Signal Out
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Relay
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	EV Charge Door Open Lamp
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Front Washer Motor Output
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Washer Motor Output
Soul EV(PS EV)	2015	USA Area	BCM(Body Control Module)	Special Function	CLU Variant Coding
Soul EV(PS	2015	USA Area	HEV Battery System	Version	
Soul EV(PS	2015	USA Area	HEV Battery System	Read Fault Code	
Soul EV(PS	2015	USA Area	HEV Battery System	Clear Fault	
Soul EV(PS	2015	USA Area	HEV Battery System	Read Data	

model	year	area	system	function	subfunction
Soul EV(PS	2015	USA Area	HEV Battery System	Actuation Test	Fan 1st
Soul EV(PS	2015	USA Area	HEV Battery System	Actuation Test	Fan 2nd
Soul EV(PS	2015	USA Area	HEV Battery System	Actuation Test	Fan 3rd
Soul EV(PS	2015	USA Area	HEV Battery System	Actuation Test	Fan 4th
Soul EV(PS	2015	USA Area	HEV Battery System	Actuation Test	Fan 5th
Soul EV(PS	2015	USA Area	HEV Battery System	Actuation Test	Fan 6th
Soul EV(PS	2015	USA Area	HEV Battery System	Actuation Test	Fan 7th
Soul EV(PS	2015	USA Area	HEV Battery System	Actuation Test	Fan 8th
Soul EV(PS	2015	USA Area	HEV Battery System	Actuation Test	Fan 9th
Soul EV(PS	2015	USA Area	HEV Battery System	Actuation Test	Fan Stop
Soul EV(PS	2015	USA Area	HEV Battery System	Actuation Test	Main Relay(-)ON
Soul EV(PS EV)	2015	USA Area	HEV Battery System	Actuation Test	Precharge Relay ON
Soul EV(PS EV)	2015	USA Area	HEV Battery System	Actuation Test	Main Relay(-),Precharge Relay ON simultaneous
Soul EV(PS EV)	2015	USA Area	HEV Battery System	Actuation Test	Main Relay(-),Main Relay(+)ON
Soul EV(PS EV)	2015	USA Area	HEV Battery System	Actuation Test	Main Relay(-)(+),Precharge Relay OFF simultaneous
Soul EV(PS EV)	2015	USA Area	HEV Battery System	Actuation Test	Quick Charger Relay(-)ON
Soul EV(PS EV)	2015	USA Area	HEV Battery System	Actuation Test	Quick Charger Relay(+)ON
Soul EV(PS EV)	2015	USA Area	HEV Battery System	Actuation Test	Quick Charger Relay(-)(+)ON simultaneous
Soul EV(PS EV)	2015	USA Area	HEV Battery System	Actuation Test	Quick Charger Relay(-)(+)OFF simultaneous
Soul EV(PS EV)	2015	USA Area	HEV Battery System	Actuation Test	High Voltage Battery Heater Relay ON
Soul EV(PS EV)	2015	USA Area	HEV Battery System	Actuation Test	High Voltage Battery Heater Relay OFF
Soul EV(PS	2015	USA Area	Low DC/DC Converter	Version	
Soul EV(PS	2015	USA Area	Low DC/DC Converter	Read Fault Code	
Soul EV(PS	2015	USA Area	Low DC/DC Converter	Clear Fault	
Soul EV(PS	2015	USA Area	Low DC/DC Converter	Read Data	
Soul EV(PS EV)	2015	USA Area	MDPS(Motor Driven Power Steering)	Version Information	

model	year	area	system	function	subfunction
Soul EV(PS EV)	2015	USA Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Soul EV(PS EV)	2015	USA Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Soul EV(PS EV)	2015	USA Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Soul EV(PS EV)	2015	USA Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Soul EV(PS EV)	2015	USA Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Soul EV(PS EV)	2015	USA Area	MDPS(Motor Driven Power Steering)	Special Function	Power Steering ECU
Soul EV(PS EV)	2015	USA Area	MDPS(Motor Driven Power Steering)	Special Function	Power Steering Motor
Soul EV(PS	2015	USA Area	On Board Charger	Version	
Soul EV(PS	2015	USA Area	On Board Charger	Read Fault Code	
Soul EV(PS	2015	USA Area	On Board Charger	Clear Fault	
Soul EV(PS	2015	USA Area	On Board Charger	Read Data	
Soul EV(PS	2015	USA Area	On Board Charger	Actuation Test	Lamp Center ON
Soul EV(PS	2015	USA Area	On Board Charger	Actuation Test	Lamp Left ON
Soul EV(PS	2015	USA Area	On Board Charger	Actuation Test	Lamp Right ON
Soul EV(PS	2015	USA Area	On Board Charger	Actuation Test	Lamp ALL ON
Soul EV(PS	2015	USA Area	Smart Key Unit	Version	
Soul EV(PS	2015	USA Area	Smart Key Unit	Read Fault Code	
Soul EV(PS	2015	USA Area	Smart Key Unit	Clear Fault	
Soul EV(PS	2015	USA Area	Smart Key Unit	Read Data	
Soul EV(PS	2015	USA Area	Smart Key Unit	Actuation Test	SSB Illumination
Soul EV(PS	2015	USA Area	Smart Key Unit	Actuation Test	SSB LED Amber
Soul EV(PS	2015	USA Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Soul EV(PS	2015	USA Area	Smart Key Unit	Actuation Test	SSB LED White
Soul EV(PS EV)	2015	USA Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Soul EV(PS EV)	2015	USA Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Soul EV(PS EV)	2015	USA Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Soul EV(PS	2015	USA Area	Smart Key Unit	Actuation Test	ACC Relay
Soul EV(PS	2015	USA Area	Smart Key Unit	Actuation Test	IGN1 Relay
Soul EV(PS	2015	USA Area	Smart Key Unit	Actuation Test	IGN2 Relay
Soul EV(PS	2015	USA Area	Smart Key Unit	Actuation Test	Starter Relay
Soul EV(PS	2015	USA Area	Smart Key Unit	Actuation Test	External Buzzer
Soul EV(PS	2015	USA Area	Smart Key Unit	Actuation Test	Key Out Indicator
Soul EV(PS EV)	2015	USA Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Soul EV(PS EV)	2015	USA Area	Smart Key Unit	Actuation Test	FOB Battery Indicator

model	year	area	system	function	subfunction
Soul EV(PS	2015	USA Area	Smart Key Unit	Actuation Test	SSB LED OFF
Soul EV(PS	2015	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Soul EV(PS	2015	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Soul EV(PS	2015	USA Area	Smart Key Unit	Actuation Test	Trunk Antenna
Soul EV(PS	2015	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Soul EV(PS EV)	2015	USA Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Soul EV(PS EV)	2015	USA Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Soul EV(PS EV)	2015	USA Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Soul EV(PS EV)	2015	USA Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Soul EV(PS EV)	2015	USA Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Soul EV(PS EV)	2015	USA Area	Smart Key Unit	Special Function	Smart Key Code Saving
Soul EV(PS EV)	2015	USA Area	Smart Key Unit	Special Function	Neutralization Mode
Soul EV(PS EV)	2015	USA Area	Smart Key Unit	Special Function	SMK Status Information
Soul EV(PS EV)	2015	USA Area	Smart Key Unit	Special Function	FOB KEY Status Information
Soul EV(PS EV)	2015	USA Area	Smart Key Unit	Special Function	Current FOB Key Check
Soul EV(PS EV)	2015	USA Area	Smart Key Unit	Special Function	Antenna Status Check
Soul EV(PS EV)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Soul EV(PS EV)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Soul EV(PS EV)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Soul EV(PS EV)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Soul EV(PS EV)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Body Sensor Reset
Soul EV(PS EV)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding

model	year	area	system	function	subfunction
Soul EV(PS EV)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Soul EV(PS EV)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Soul EV(PS EV)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Soul EV(PS EV)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Soul EV(PS EV)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Soul EV(PS EV)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Soul EV(PS EV)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Soul EV(PS EV)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Soul EV(PS EV)	2015	USA Area	VMCS(Vehicle Motor Control System)	Version Information	
Soul EV(PS EV)	2015	USA Area	VMCS(Vehicle Motor Control System)	Read Fault Code	
Soul EV(PS EV)	2015	USA Area	VMCS(Vehicle Motor Control System)	Clear Fault Memory	
Soul EV(PS EV)	2015	USA Area	VMCS(Vehicle Motor Control System)	Read Data Stream	
Soul EV(PS EV)	2015	USA Area	VMCS(Vehicle Motor Control System)	Actuation Test	IG3 Control Operation
Soul EV(PS EV)	2015	USA Area	VMCS(Vehicle Motor Control System)	Actuation Test	Radiator Fan High
Soul EV(PS EV)	2015	USA Area	VMCS(Vehicle Motor Control System)	Actuation Test	Radiator Fan Low
Soul EV(PS EV)	2015	USA Area	VMCS(Vehicle Motor Control System)	Special Function	Read VIN
Soul EV(PS EV)	2015	USA Area	VMCS(Vehicle Motor Control System)	Special Function	Write VIN
Soul EV(PS EV)	2015	USA Area	VMCS(Vehicle Motor Control System)	Special Function	Electric Water Pump Control
Soul EV(PS EV)	2015	USA Area	VMCS(Vehicle Motor Control System)	Special Function	Initialization of Automatic Resolver Offset
Soul EV(PS EV)	2015	USA Area	VMCS(Vehicle Motor Control System)	Special Function	VMCU Variant Coding
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Version	
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Read Fault Code	
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Clear Fault	
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Read Data	
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On

model	year	area	system	function	subfunction
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)

model	year	area	system	function	subfunction
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Soul(AM)	2013	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Soul(AM)	2013	USA Area	BCM(Body Control Module)	Version Information	
Soul(AM)	2013	USA Area	BCM(Body Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Soul(AM)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Soul(AM)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Soul(AM)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Tail Gate Relay
Soul(AM)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Soul(AM)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Soul(AM)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Front Wiper Relay
Soul(AM)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Soul(AM)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Soul(AM)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Soul(AM)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Soul(AM)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Soul(AM)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Soul(AM)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Soul(AM)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Soul(AM)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Soul(AM)	2013	USA Area	BCM(Body Control Module)	Actuation Test	DRL Left
Soul(AM)	2013	USA Area	BCM(Body Control Module)	Actuation Test	DRL Right
Soul(AM)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Soul(AM)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Soul(AM)	2013	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Soul(AM)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Soul(AM)	2013	USA Area	BCM(Body Control Module)	Actuation Test	AVN Wake Up
Soul(AM)	2013	USA Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)

model	year	area	system	function	subfunction
Soul(AM)	2013	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Soul(AM)	2013	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Version Information	
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Read Fault Code	
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Read Data Stream	
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG

model	year	area	system	function	subfunction
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters

model	year	area	system	function	subfunction
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3

model	year	area	system	function	subfunction
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Waste Gate Valve(Turbo Only)
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible

model	year	area	system	function	subfunction
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Special Function	ISG TEST(Option)
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Special Function	CVVT Test
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Soul(AM)	2013	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Soul(AM)	2013	USA Area	ESP(Electronic Stability Program)	Version Information	
Soul(AM)	2013	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Soul(AM)	2013	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Soul(AM)	2013	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Soul(AM)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Soul(AM)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Soul(AM)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Soul(AM)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Soul(AM)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Soul(AM)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Soul(AM)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front

model	year	area	system	function	subfunction
Soul(AM)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Soul(AM)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Soul(AM)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Soul(AM)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Soul(AM)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Soul(AM)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Soul(AM)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Soul(AM)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Soul(AM)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Soul(AM)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Soul(AM)	2013	USA Area	ESP(Electronic Stability Program)	Special Function	Steering Angle Sensor
Soul(AM)	2013	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Soul(AM)	2013	USA Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor Calibration(HAC/ DBC Only)
Soul(AM)	2013	USA Area	IMMO(Immobilizer)	Read Data	
Soul(AM)	2013	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Soul(AM)	2013	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Soul(AM)	2013	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Soul(AM)	2013	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Soul(AM)	2013	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Soul(AM)	2013	USA Area	MDPS(Motor Driven Power Steering)	Version Information	
Soul(AM)	2013	USA Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Soul(AM)	2013	USA Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Soul(AM)	2013	USA Area	MDPS(Motor Driven Power Steering)	Read Data Stream	

model	year	area	system	function	subfunction
Soul(AM)	2013	USA Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Soul(AM)	2013	USA Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Soul(AM)	2013	USA Area	Smart Key	Version	
Soul(AM)	2013	USA Area	Smart Key	Read Fault Code	
Soul(AM)	2013	USA Area	Smart Key	Clear Fault	
Soul(AM)	2013	USA Area	Smart Key	Read Data	
Soul(AM)	2013	USA Area	Smart Key	Actuation Test	SSB LED Amber
Soul(AM)	2013	USA Area	Smart Key	Actuation Test	SSB LED Blue/Green
Soul(AM)	2013	USA Area	Smart Key	Actuation Test	FOB holder illumination
Soul(AM)	2013	USA Area	Smart Key	Actuation Test	SSB illumination
Soul(AM)	2013	USA Area	Smart Key	Actuation Test	ACC Relay
Soul(AM)	2013	USA Area	Smart Key	Actuation Test	IGN1 Relay
Soul(AM)	2013	USA Area	Smart Key	Actuation Test	IGN2 Relay
Soul(AM)	2013	USA Area	Smart Key	Actuation Test	START Relay
Soul(AM)	2013	USA Area	Smart Key	Actuation Test	Immobilizer Indicator
Soul(AM)	2013	USA Area	Smart Key	Actuation Test	External Buzzer
Soul(AM)	2013	USA Area	Smart Key	Actuation Test	Interior Antenna
Soul(AM)	2013	USA Area	Smart Key	Actuation Test	Interior Antenna
Soul(AM)	2013	USA Area	Smart Key	Actuation Test	Interior Antenna
Soul(AM)	2013	USA Area	Smart Key	Actuation Test	Bumper/Tail Gate Antenna
Soul(AM)	2013	USA Area	Smart Key	Actuation Test	Driver Door Handle Antenna
Soul(AM)	2013	USA Area	Smart Key	Actuation Test	Right Door Handle Antenna
Soul(AM)	2013	USA Area	Smart Key	Special Function	Neutralization Mode
Soul(AM)	2013	USA Area	Smart Key	Special Function	SMK Status Information
Soul(AM)	2013	USA Area	Smart Key	Special Function	TP Status Information
Soul(AM)	2013	USA Area	Smart Key	Special Function	PDM Status Information
Soul(AM)	2013	USA Area	Smart Key	Special Function	FOB KEY Status Information
Soul(AM)	2013	USA Area	Smart Key	Special Function	Serial Communication Line Check
Soul(AM)	2013	USA Area	Smart Key	Special Function	Antenna Status Check

model	year	area	system	function	subfunction
Soul(AM)	2013	USA Area	Smart Key	Special Function	Smart Key Code Saving
Soul(AM)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Soul(AM)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Soul(AM)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Soul(AM)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Soul(AM)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Soul(AM)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Soul(AM)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
Soul(AM)	2013	USA Area	TCM(Transmission Control Module)	Version Information	
Soul(AM)	2013	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Soul(AM)	2013	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Soul(AM)	2013	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Soul(AM)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Soul(AM)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Soul(AM)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Soul(AM)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)

model	year	area	system	function	subfunction
Soul(AM)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Soul(AM)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Soul(AM)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Soul(AM)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Soul(AM)	2013	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Soul(AM)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Soul(AM)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Soul(AM)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Soul(AM)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Soul(AM)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Soul(AM)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Soul(AM)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Soul(AM)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Soul(AM)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Soul(AM)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Soul(AM)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Version	
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Read Fault Code	
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Clear Fault	
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Read Data	
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low

model	year	area	system	function	subfunction
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium

model	year	area	system	function	subfunction
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Soul(AM)	2012	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Soul(AM)	2012	USA Area	BCM(Body Control Module)	Version Information	
Soul(AM)	2012	USA Area	BCM(Body Control Module)	Read Data Stream	
Soul(AM)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Soul(AM)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Soul(AM)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Tail Gate Relay

model	year	area	system	function	subfunction
Soul(AM)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Soul(AM)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Soul(AM)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Front Wiper Relay
Soul(AM)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Soul(AM)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Soul(AM)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Soul(AM)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Soul(AM)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Soul(AM)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Soul(AM)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Soul(AM)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Soul(AM)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Soul(AM)	2012	USA Area	BCM(Body Control Module)	Actuation Test	DRL Left
Soul(AM)	2012	USA Area	BCM(Body Control Module)	Actuation Test	DRL Right
Soul(AM)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Soul(AM)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Soul(AM)	2012	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Soul(AM)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Soul(AM)	2012	USA Area	BCM(Body Control Module)	Actuation Test	AVN Wake Up
Soul(AM)	2012	USA Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Soul(AM)	2012	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Soul(AM)	2012	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Version Information	

model	year	area	system	function	subfunction
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Read Fault Code	
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Read Data Stream	
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High

model	year	area	system	function	subfunction
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor

model	year	area	system	function	subfunction
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)

model	year	area	system	function	subfunction
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Waste Gate Valve(Turbo Only)
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)

model	year	area	system	function	subfunction
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Special Function	ISG TEST(Option)
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Special Function	CVVT Test
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Soul(AM)	2012	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Soul(AM)	2012	USA Area	ESP(Electronic Stability Program)	Version Information	
Soul(AM)	2012	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Soul(AM)	2012	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Soul(AM)	2012	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Soul(AM)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Soul(AM)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Soul(AM)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Soul(AM)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Soul(AM)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Soul(AM)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Soul(AM)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Soul(AM)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Soul(AM)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear

model	year	area	system	function	subfunction
Soul(AM)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Soul(AM)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Soul(AM)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Soul(AM)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Soul(AM)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Soul(AM)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Soul(AM)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Soul(AM)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Soul(AM)	2012	USA Area	ESP(Electronic Stability Program)	Special Function	Steering Angle Sensor
Soul(AM)	2012	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Soul(AM)	2012	USA Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor Calibration(HAC/ DBC Only)
Soul(AM)	2012	USA Area	IMMO(Immobilizer)	Read Data	
Soul(AM)	2012	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Soul(AM)	2012	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Soul(AM)	2012	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Soul(AM)	2012	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Soul(AM)	2012	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Soul(AM)	2012	USA Area	MDPS(Motor Driven Power Steering)	Version Information	
Soul(AM)	2012	USA Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Soul(AM)	2012	USA Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Soul(AM)	2012	USA Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Soul(AM)	2012	USA Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Soul(AM)	2012	USA Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition

model	year	area	system	function	subfunction
Soul(AM)	2012	USA Area	Smart Key	Version	
Soul(AM)	2012	USA Area	Smart Key	Read Fault Code	
Soul(AM)	2012	USA Area	Smart Key	Clear Fault	
Soul(AM)	2012	USA Area	Smart Key	Read Data	
Soul(AM)	2012	USA Area	Smart Key	Actuation Test	SSB LED Amber
Soul(AM)	2012	USA Area	Smart Key	Actuation Test	SSB LED Blue/Green
Soul(AM)	2012	USA Area	Smart Key	Actuation Test	FOB holder illumination
Soul(AM)	2012	USA Area	Smart Key	Actuation Test	SSB illumination
Soul(AM)	2012	USA Area	Smart Key	Actuation Test	ACC Relay
Soul(AM)	2012	USA Area	Smart Key	Actuation Test	IGN1 Relay
Soul(AM)	2012	USA Area	Smart Key	Actuation Test	IGN2 Relay
Soul(AM)	2012	USA Area	Smart Key	Actuation Test	START Relay
Soul(AM)	2012	USA Area	Smart Key	Actuation Test	Immobilizer Indicator
Soul(AM)	2012	USA Area	Smart Key	Actuation Test	External Buzzer
Soul(AM)	2012	USA Area	Smart Key	Actuation Test	Interior Antenna
Soul(AM)	2012	USA Area	Smart Key	Actuation Test	Interior Antenna
Soul(AM)	2012	USA Area	Smart Key	Actuation Test	Interior Antenna
Soul(AM)	2012	USA Area	Smart Key	Actuation Test	Bumper/Tail Gate Antenna
Soul(AM)	2012	USA Area	Smart Key	Actuation Test	Driver Door Handle Antenna
Soul(AM)	2012	USA Area	Smart Key	Actuation Test	Right Door Handle Antenna
Soul(AM)	2012	USA Area	Smart Key	Special Function	Neutralization Mode
Soul(AM)	2012	USA Area	Smart Key	Special Function	SMK Status Information
Soul(AM)	2012	USA Area	Smart Key	Special Function	TP Status Information
Soul(AM)	2012	USA Area	Smart Key	Special Function	PDM Status Information
Soul(AM)	2012	USA Area	Smart Key	Special Function	FOB KEY Status Information
Soul(AM)	2012	USA Area	Smart Key	Special Function	Serial Communication Line Check
Soul(AM)	2012	USA Area	Smart Key	Special Function	Antenna Status Check
Soul(AM)	2012	USA Area	Smart Key	Special Function	Smart Key Code Saving
Soul(AM)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	

model	year	area	system	function	subfunction
Soul(AM)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Soul(AM)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Soul(AM)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Soul(AM)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Soul(AM)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Soul(AM)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
Soul(AM)	2012	USA Area	TCM(Transmission Control Module)	Version Information	
Soul(AM)	2012	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Soul(AM)	2012	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Soul(AM)	2012	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Soul(AM)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Soul(AM)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Soul(AM)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Soul(AM)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Soul(AM)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Soul(AM)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)

model	year	area	system	function	subfunction
Soul(AM)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Soul(AM)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Soul(AM)	2012	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Soul(AM)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Soul(AM)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Soul(AM)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Soul(AM)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Soul(AM)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Soul(AM)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Soul(AM)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Soul(AM)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Soul(AM)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Soul(AM)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Soul(AM)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Version	
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Read Fault Code	
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Clear Fault	
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Read Data	
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%

model	year	area	system	function	subfunction
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%

model	year	area	system	function	subfunction
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Soul(AM)	2011	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Soul(AM)	2011	USA Area	BCM(Body Control Module)	Version Information	
Soul(AM)	2011	USA Area	BCM(Body Control Module)	Read Data Stream	
Soul(AM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Soul(AM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Soul(AM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Tail Gate Relay
Soul(AM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Soul(AM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Front Wiper Relay
Soul(AM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Relay

model	year	area	system	function	subfunction
Soul(AM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Soul(AM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Soul(AM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Soul(AM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Soul(AM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Soul(AM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Seat belt indicator
Soul(AM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Soul(AM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Soul(AM)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Soul(AM)	2011	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Soul(AM)	2011	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Version Information	
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Read Fault Code	
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Read Data Stream	
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Closed
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Clocked
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High

model	year	area	system	function	subfunction
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Special Function	Write VIN

model	year	area	system	function	subfunction
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Special Function	Ignition Test
Soul(AM)	2011	USA Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Soul(AM)	2011	USA Area	ESP(Electronic Stability Program)	Version Information	
Soul(AM)	2011	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Soul(AM)	2011	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Soul(AM)	2011	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Soul(AM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Soul(AM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Soul(AM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Soul(AM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Soul(AM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Soul(AM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Soul(AM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Soul(AM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Soul(AM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Soul(AM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Soul(AM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Soul(AM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Soul(AM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Soul(AM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Soul(AM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front

model	year	area	system	function	subfunction
Soul(AM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Soul(AM)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Soul(AM)	2011	USA Area	ESP(Electronic Stability Program)	Special Function	Steering Angle Sensor
Soul(AM)	2011	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Soul(AM)	2011	USA Area	IMMO(Immobilizer)	Read Data	
Soul(AM)	2011	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Soul(AM)	2011	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Soul(AM)	2011	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Soul(AM)	2011	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Soul(AM)	2011	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Soul(AM)	2011	USA Area	MDPS(Motor Driven Power Steering)	Version Information	
Soul(AM)	2011	USA Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Soul(AM)	2011	USA Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Soul(AM)	2011	USA Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Soul(AM)	2011	USA Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Soul(AM)	2011	USA Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Soul(AM)	2011	USA Area	Smart Key	Version	
Soul(AM)	2011	USA Area	Smart Key	Read Fault Code	
Soul(AM)	2011	USA Area	Smart Key	Clear Fault	
Soul(AM)	2011	USA Area	Smart Key	Read Data	
Soul(AM)	2011	USA Area	Smart Key	Actuation Test	SSB LED Amber
Soul(AM)	2011	USA Area	Smart Key	Actuation Test	SSB LED Blue/Green
Soul(AM)	2011	USA Area	Smart Key	Actuation Test	FOB holder illumination
Soul(AM)	2011	USA Area	Smart Key	Actuation Test	SSB illumination
Soul(AM)	2011	USA Area	Smart Key	Actuation Test	ACC Relay
Soul(AM)	2011	USA Area	Smart Key	Actuation Test	IGN1 Relay
Soul(AM)	2011	USA Area	Smart Key	Actuation Test	IGN2 Relay
Soul(AM)	2011	USA Area	Smart Key	Actuation Test	START Relay
Soul(AM)	2011	USA Area	Smart Key	Actuation Test	Immobilizer Indicator

model	year	area	system	function	subfunction
Soul(AM)	2011	USA Area	Smart Key	Actuation Test	External Buzzer
Soul(AM)	2011	USA Area	Smart Key	Actuation Test	Interior Antenna
Soul(AM)	2011	USA Area	Smart Key	Actuation Test	Interior Antenna
Soul(AM)	2011	USA Area	Smart Key	Actuation Test	Interior Antenna
Soul(AM)	2011	USA Area	Smart Key	Actuation Test	Bumper/Tail Gate Antenna
Soul(AM)	2011	USA Area	Smart Key	Actuation Test	Driver Door Handle Antenna
Soul(AM)	2011	USA Area	Smart Key	Actuation Test	Right Door Handle Antenna
Soul(AM)	2011	USA Area	Smart Key	Special Function	Neutralization Mode
Soul(AM)	2011	USA Area	Smart Key	Special Function	SMK Status Information
Soul(AM)	2011	USA Area	Smart Key	Special Function	TP Status Information
Soul(AM)	2011	USA Area	Smart Key	Special Function	PDM Status Information
Soul(AM)	2011	USA Area	Smart Key	Special Function	FOB KEY Status Information
Soul(AM)	2011	USA Area	Smart Key	Special Function	Serial Communication Line Check
Soul(AM)	2011	USA Area	Smart Key	Special Function	Antenna Status Check
Soul(AM)	2011	USA Area	Smart Key	Special Function	Smart Key Code Saving
Soul(AM)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Soul(AM)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Soul(AM)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Soul(AM)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Soul(AM)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Soul(AM)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.

model	year	area	system	function	subfunction
Soul(AM)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
Soul(AM)	2011	USA Area	TCM(Transmission Control Module)	Version Information	
Soul(AM)	2011	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Soul(AM)	2011	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Soul(AM)	2011	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Soul(AM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
Soul(AM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
Soul(AM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE
Soul(AM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
Soul(AM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)
Soul(AM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Soul(AM)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
Soul(AM)	2011	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Soul(AM)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Soul(AM)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Soul(AM)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Soul(AM)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Soul(AM)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Soul(AM)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp

model	year	area	system	function	subfunction
Soul(AM)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Soul(AM)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Soul(AM)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Soul(AM)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Soul(AM)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Soul(AM)	2010	USA Area	BCM(Body Control Module)	Version Information	
Soul(AM)	2010	USA Area	BCM(Body Control Module)	Read Data Stream	
Soul(AM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Soul(AM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Soul(AM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Tail Gate Relay
Soul(AM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Soul(AM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Front Wiper Relay
Soul(AM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Soul(AM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Soul(AM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Soul(AM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Soul(AM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Soul(AM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Soul(AM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Seat belt indicator
Soul(AM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Soul(AM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Soul(AM)	2010	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Soul(AM)	2010	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	

model	year	area	system	function	subfunction
Soul(AM)	2010	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Version Information	
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Read Fault Code	
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Read Data Stream	
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Closed
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Clocked
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2

model	year	area	system	function	subfunction
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Special Function	Ignition Test
Soul(AM)	2010	USA Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Soul(AM)	2010	USA Area	ESP(Electronic Stability Program)	Version Information	
Soul(AM)	2010	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Soul(AM)	2010	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Soul(AM)	2010	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Soul(AM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Soul(AM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Soul(AM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front

model	year	area	system	function	subfunction
Soul(AM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Soul(AM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Soul(AM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Soul(AM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Soul(AM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Soul(AM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Soul(AM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Soul(AM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Soul(AM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Soul(AM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Soul(AM)	2010	USA Area	ESP(Electronic Stability Program)	Special Function	Steering Angle Sensor
Soul(AM)	2010	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Soul(AM)	2010	USA Area	IMMO(Immobilizer)	Read Data	
Soul(AM)	2010	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Soul(AM)	2010	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Soul(AM)	2010	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Soul(AM)	2010	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Soul(AM)	2010	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Soul(AM)	2010	USA Area	MDPS(Motor Driven Power Steering)	Version Information	
Soul(AM)	2010	USA Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Soul(AM)	2010	USA Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Soul(AM)	2010	USA Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Soul(AM)	2010	USA Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Soul(AM)	2010	USA Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition

model	year	area	system	function	subfunction
Soul(AM)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Soul(AM)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Soul(AM)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Soul(AM)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Soul(AM)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Soul(AM)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Soul(AM)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	WCS Reset
Soul(AM)	2010	USA Area	TCM(Transmission Control Module)	Version Information	
Soul(AM)	2010	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Soul(AM)	2010	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Soul(AM)	2010	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Soul(AM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(ON/OFF)
Soul(AM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(PCSV-A)-OD and LR
Soul(AM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(PCSV-B)-2ND BRAKE
Soul(AM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(PCSV-C)-UD
Soul(AM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid A(VFS)

model	year	area	system	function	subfunction
Soul(AM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Soul(AM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Over Drive Off Lamp
Soul(AM)	2010	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Soul(AM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Soul(AM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Soul(AM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Soul(AM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Soul(AM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Soul(AM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Soul(AM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Soul(AM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Soul(AM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Soul(AM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Soul(AM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Version	
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Read Fault Code	
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Clear Fault	
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Read Data	
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%

model	year	area	system	function	subfunction
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%

model	year	area	system	function	subfunction
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage PTC ON(Min.)
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage PTC OFF
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage COMP ON(Min.)
Soul(PS)	2016	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage COMP OFF
Soul(PS)	2016	USA Area	AHLS(Auto Headlamp Leveling System)	Version Information	

model	year	area	system	function	subfunction
Soul(PS)	2016	USA Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Soul(PS)	2016	USA Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Soul(PS)	2016	USA Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Soul(PS)	2016	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Actuator 20%
Soul(PS)	2016	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Actuator 80%
Soul(PS)	2016	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Sensor Origin Point
Soul(PS)	2016	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Setting&Zero position Initial
Soul(PS)	2016	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Version Information	
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Read Fault Code	
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Read Data Stream	
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay

model	year	area	system	function	subfunction
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)

model	year	area	system	function	subfunction
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay

model	year	area	system	function	subfunction
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control

model	year	area	system	function	subfunction
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Heated Handle Output
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Heated Handle Indicator
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)

model	year	area	system	function	subfunction
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Body Cut IPS
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt Indicator
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt Indicator
Soul(PS)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt Indicator
Soul(PS)	2016	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Soul(PS)	2016	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Version Information	
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Read Fault Code	
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Read Data Stream	
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)

model	year	area	system	function	subfunction
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank

model	year	area	system	function	subfunction
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3

model	year	area	system	function	subfunction
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1

model	year	area	system	function	subfunction
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Special Function	ISG TEST(Option)

model	year	area	system	function	subfunction
Soul(PS)	2016	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Soul(PS)	2016	USA Area	ESC(Electronic Stability Control)	Version Information	
Soul(PS)	2016	USA Area	ESC(Electronic Stability Control)	Read Fault Code	
Soul(PS)	2016	USA Area	ESC(Electronic Stability Control)	Clear Fault Memory	
Soul(PS)	2016	USA Area	ESC(Electronic Stability Control)	Read Data Stream	
Soul(PS)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Motor
Soul(PS)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Inlet Valve-Left Front
Soul(PS)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Inlet Valve-Right Front
Soul(PS)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Inlet Valve-Left Rear
Soul(PS)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Inlet Valve-Right Rear
Soul(PS)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Outlet Valve-Left Front
Soul(PS)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Outlet Valve-Right Front
Soul(PS)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Outlet Valve-Left Rear
Soul(PS)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Outlet Valve-Right Rear
Soul(PS)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	TCS Valve-Left Front
Soul(PS)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	TCS Valve-Right Front
Soul(PS)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Electric Shuttle Valve-Right Front
Soul(PS)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Electric Shuttle Valve-Left Front
Soul(PS)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Soul(PS)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Soul(PS)	2016	USA Area	ESC(Electronic Stability Control)	Special Function	HCU Air Bleeding Mode

model	year	area	system	function	subfunction
Soul(PS)	2016	USA Area	ESC(Electronic Stability Control)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Soul(PS)	2016	USA Area	ESC(Electronic Stability Control)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Soul(PS)	2016	USA Area	IMMO(Immobilizer)	Read Fault Code	
Soul(PS)	2016	USA Area	IMMO(Immobilizer)	Clear Fault	
Soul(PS)	2016	USA Area	IMMO(Immobilizer)	Read Data	
Soul(PS)	2016	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Soul(PS)	2016	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Soul(PS)	2016	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Soul(PS)	2016	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Soul(PS)	2016	USA Area	MFC(Multi-Function Camera)	Version Information	
Soul(PS)	2016	USA Area	MFC(Multi-Function Camera)	Read Fault Code	
Soul(PS)	2016	USA Area	MFC(Multi-Function Camera)	Clear Fault Memory	
Soul(PS)	2016	USA Area	MFC(Multi-Function Camera)	Read Data Stream	
Soul(PS)	2016	USA Area	MFC(Multi-Function Camera)	Special Function	SPTAC Calibration
Soul(PS)	2016	USA Area	MFC(Multi-Function Camera)	Special Function	SPC Calibration
Soul(PS)	2016	USA Area	MFC(Multi-Function Camera)	Special Function	LDWS Warning Actuation Test
Soul(PS)	2016	USA Area	MFC(Multi-Function Camera)	Special Function	Variant Coding
Soul(PS)	2016	USA Area	Smart Key	Version	
Soul(PS)	2016	USA Area	Smart Key	Read Fault Code	
Soul(PS)	2016	USA Area	Smart Key	Clear Fault	
Soul(PS)	2016	USA Area	Smart Key	Read Data	
Soul(PS)	2016	USA Area	Smart Key	Actuation Test	SSB Illumination
Soul(PS)	2016	USA Area	Smart Key	Actuation Test	SSB LED Amber
Soul(PS)	2016	USA Area	Smart Key	Actuation Test	SSB LED Blue/Red
Soul(PS)	2016	USA Area	Smart Key	Actuation Test	SSB LED White
Soul(PS)	2016	USA Area	Smart Key Unit(Button)	Actuation Test	ESCL Enable(ESCL only)
Soul(PS)	2016	USA Area	Smart Key Unit(Button)	Actuation Test	ESCL Ground Output
Soul(PS)	2016	USA Area	Smart Key	Actuation Test	ACC Relay
Soul(PS)	2016	USA Area	Smart Key	Actuation Test	IGN1 Relay

model	year	area	system	function	subfunction
Soul(PS)	2016	USA Area	Smart Key	Actuation Test	IGN2 Relay
Soul(PS)	2016	USA Area	Smart Key	Actuation Test	Starter Relay
Soul(PS)	2016	USA Area	Smart Key	Actuation Test	External Buzzer
Soul(PS)	2016	USA Area	Smart Key	Actuation Test	Key Out Indicator
Soul(PS)	2016	USA Area	Smart Key Unit(Button)	Actuation Test	Immobilizer Indicator
Soul(PS)	2016	USA Area	Smart Key Unit(Button)	Actuation Test	FOB Battery Indicator
Soul(PS)	2016	USA Area	Smart Key	Actuation Test	SSB LED OFF
Soul(PS)	2016	USA Area	Smart Key	Actuation Test	Interior Antenna
Soul(PS)	2016	USA Area	Smart Key	Actuation Test	Interior Antenna
Soul(PS)	2016	USA Area	Smart Key	Actuation Test	Trunk Antenna
Soul(PS)	2016	USA Area	Smart Key	Actuation Test	Interior Antenna
Soul(PS)	2016	USA Area	Smart Key Unit(Button)	Actuation Test	Bumper Antenna Active
Soul(PS)	2016	USA Area	Smart Key Unit(Button)	Actuation Test	Activate Driver Side Antenna
Soul(PS)	2016	USA Area	Smart Key Unit(Button)	Actuation Test	Activate Assist Side Antenna
Soul(PS)	2016	USA Area	Smart Key Unit(Button)	Actuation Test	Immobilizer Antenna
Soul(PS)	2016	USA Area	Smart Key Unit(Button)	Actuation Test	Activate Hat Shelf Antenna
Soul(PS)	2016	USA Area	Smart Key Unit(Button)	Special Function	Smart Key Code Saving
Soul(PS)	2016	USA Area	Smart Key Unit(Button)	Special Function	Neutralization Mode
Soul(PS)	2016	USA Area	Smart Key Unit(Button)	Special Function	SMK Status Information
Soul(PS)	2016	USA Area	Smart Key Unit(Button)	Special Function	FOB KEY Status Information
Soul(PS)	2016	USA Area	Smart Key Unit(Button)	Special Function	Current FOB Key Check
Soul(PS)	2016	USA Area	Smart Key Unit(Button)	Special Function	Antenna Status Check
Soul(PS)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Soul(PS)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Soul(PS)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Soul(PS)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Soul(PS)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Soul(PS)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Body Sensor Reset
Soul(PS)	2016	USA Area	Steering	Version	
Soul(PS)	2016	USA Area	Steering	Read Fault Code	
Soul(PS)	2016	USA Area	Steering	Clear Fault	
Soul(PS)	2016	USA Area	Steering	Read Data	
Soul(PS)	2016	USA Area	Steering	Special Function	ASP Calibration
Soul(PS)	2016	USA Area	Steering	Special Function	EPS Type Recognition
Soul(PS)	2016	USA Area	Steering	Special Function	Power Steering Motor
Soul(PS)	2016	USA Area	Steering	Special Function	Power Steering
Soul(PS)	2016	USA Area	TCM(Transmission Control Module)	Version Information	
Soul(PS)	2016	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Soul(PS)	2016	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Soul(PS)	2016	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Soul(PS)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Soul(PS)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Soul(PS)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Soul(PS)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Soul(PS)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Soul(PS)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)

model	year	area	system	function	subfunction
Soul(PS)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Soul(PS)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Soul(PS)	2016	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Soul(PS)	2016	USA Area	Telematics Unit	Version	
Soul(PS)	2016	USA Area	Telematics Unit	Read Fault Code	
Soul(PS)	2016	USA Area	Telematics Unit	Clear Fault	
Soul(PS)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Soul(PS)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Soul(PS)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Soul(PS)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Soul(PS)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Soul(PS)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Soul(PS)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Soul(PS)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Version	
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Read Fault Code	
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Clear Fault	
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Read Data	
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%

model	year	area	system	function	subfunction
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%

model	year	area	system	function	subfunction
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage PTC ON(Min.)
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage PTC OFF
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage COMP ON(Min.)
Soul(PS)	2015	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage COMP OFF
Soul(PS)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Soul(PS)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	

model	year	area	system	function	subfunction
Soul(PS)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Soul(PS)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Soul(PS)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Actuator 20%
Soul(PS)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Actuator 80%
Soul(PS)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Sensor Origin Point
Soul(PS)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Setting&Zero position Initial
Soul(PS)	2015	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Version Information	
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Read Fault Code	
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Read Data Stream	
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Indicator ALL ON
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Indicator ALL OFF
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Output
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Output
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Output
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Back Up Lamp
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Burglar Horn Relay
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay

model	year	area	system	function	subfunction
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay(Option)
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay(Option)
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Door Lock Relay
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Door Unlock Relay
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Dead Lock Relay
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Flasher Sound Relay(Option)
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output(Option)
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending LH Output(Option)
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Static Bending RH Output(Option)
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Auto Cut Relay
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Body Cut IPS
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Washer Relay
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Lock Relay
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Fuel Lid Unlock Relay
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Mirror Folding Relay
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Mirror Unfolding Relay

model	year	area	system	function	subfunction
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Left Seat Belt Indicator
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Right Seat Belt Indicator
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Center Seat Belt Indicator
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Defogger/Deicer Relay
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Glove Box Lamp Output
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Security LED Output
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	PAS Buzzer Output(RPAS Buzzer Output)
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	PAS Indicator(RPAS
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Low-Speed Relay
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Wiper High-Speed Relay
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Interior Mood Lamp
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Interior Lamp Autocut Relay Output(Option)
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tail Interior Lamp
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Auto Light Power
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Output
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Signal
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Relay

model	year	area	system	function	subfunction
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Relay(Option)
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp Output
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Foot Lamp Output
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Room Lamp Output
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Left Relay Output(Option)
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Europe Cornering Lamp Right Relay Output(Option)
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp LH
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	(LED)DRL Lamp RH
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	D_DRL Relay
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	DRL Relay(Canada)
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Puddle Lamp Output
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Stop Lamp
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Luggage Lamp Relay
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	ATM Solenoid
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Indicator
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Enable
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Power Window LH Up Relay

model	year	area	system	function	subfunction
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Driver Power Window Down Relay
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Up Relay
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Assist Power Window Down Relay
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	RKE Tailgate Signal Output(to
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	All Door Lock Signal Output(to
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator(Option)
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Left Indicator
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Center Indicator
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Belt Right Indicator
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Seat Warmer
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Up Output
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Curtain Down Output
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Horn Relay(NA)
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Manual HLLD Signal Output
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	External Buzzer Output
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	IOD Relay
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Lamp Load Power Relay

model	year	area	system	function	subfunction
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Multimedia Load Power Relay
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Sunroof Power Relay control
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp Indicator
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Fog Lamp Indicator
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Indicator
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Indicator
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Indicator
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Over Speed Warning Indicator
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Parking Brake Indicator
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Driver Seat Belt Indicator
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Hazard Relay
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Key Hole Illumination
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Start Inhibit Relay
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Heated Handle Output
Soul(PS)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Heated Handle Indicator
Soul(PS)	2015	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Soul(PS)	2015	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Version Information	
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Read Fault Code	
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Read Data Stream	
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)

model	year	area	system	function	subfunction
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold

model	year	area	system	function	subfunction
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4

model	year	area	system	function	subfunction
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1

model	year	area	system	function	subfunction
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Special Function	ISG TEST(Option)
Soul(PS)	2015	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test

model	year	area	system	function	subfunction
Soul(PS)	2015	USA Area	ESP(Electronic Stability Program)	Version Information	
Soul(PS)	2015	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Soul(PS)	2015	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Soul(PS)	2015	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Soul(PS)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Soul(PS)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Soul(PS)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Soul(PS)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Soul(PS)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Soul(PS)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Soul(PS)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Soul(PS)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Soul(PS)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Soul(PS)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Soul(PS)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Soul(PS)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Soul(PS)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Soul(PS)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Soul(PS)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Soul(PS)	2015	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Soul(PS)	2015	USA Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)

model	year	area	system	function	subfunction
Soul(PS)	2015	USA Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor Calibration(HAC/ DBC Only)
Soul(PS)	2015	USA Area	IMMO(Immobilizer)	Read Fault Code	
Soul(PS)	2015	USA Area	IMMO(Immobilizer)	Clear Fault	
Soul(PS)	2015	USA Area	IMMO(Immobilizer)	Read Data	
Soul(PS)	2015	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Soul(PS)	2015	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Soul(PS)	2015	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Soul(PS)	2015	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Soul(PS)	2015	USA Area	Smart Key	Version	
Soul(PS)	2015	USA Area	Smart Key	Read Fault Code	
Soul(PS)	2015	USA Area	Smart Key	Clear Fault	
Soul(PS)	2015	USA Area	Smart Key	Read Data	
Soul(PS)	2015	USA Area	Smart Key	Actuation Test	SSB Illumination
Soul(PS)	2015	USA Area	Smart Key	Actuation Test	SSB LED Amber
Soul(PS)	2015	USA Area	Smart Key	Actuation Test	SSB LED Blue/Red
Soul(PS)	2015	USA Area	Smart Key	Actuation Test	SSB LED White
Soul(PS)	2015	USA Area	Smart Key Unit(Button)	Actuation Test	ESCL Enable(ESCL only)
Soul(PS)	2015	USA Area	Smart Key Unit(Button)	Actuation Test	ESCL Ground Output
Soul(PS)	2015	USA Area	Smart Key	Actuation Test	ACC Relay
Soul(PS)	2015	USA Area	Smart Key	Actuation Test	IGN1 Relay
Soul(PS)	2015	USA Area	Smart Key	Actuation Test	IGN2 Relay
Soul(PS)	2015	USA Area	Smart Key	Actuation Test	Starter Relay
Soul(PS)	2015	USA Area	Smart Key	Actuation Test	External Buzzer
Soul(PS)	2015	USA Area	Smart Key	Actuation Test	Key Out Indicator
Soul(PS)	2015	USA Area	Smart Key Unit(Button)	Actuation Test	Immobilizer Indicator
Soul(PS)	2015	USA Area	Smart Key Unit(Button)	Actuation Test	FOB Battery Indicator
Soul(PS)	2015	USA Area	Smart Key	Actuation Test	SSB LED OFF
Soul(PS)	2015	USA Area	Smart Key	Actuation Test	Interior Antenna
Soul(PS)	2015	USA Area	Smart Key	Actuation Test	Interior Antenna
Soul(PS)	2015	USA Area	Smart Key	Actuation Test	Trunk Antenna
Soul(PS)	2015	USA Area	Smart Key	Actuation Test	Interior Antenna
Soul(PS)	2015	USA Area	Smart Key Unit(Button)	Actuation Test	Bumper Antenna Active
Soul(PS)	2015	USA Area	Smart Key Unit(Button)	Actuation Test	Activate Driver Side Antenna
Soul(PS)	2015	USA Area	Smart Key Unit(Button)	Actuation Test	Activate Assist Side Antenna

model	year	area	system	function	subfunction
Soul(PS)	2015	USA Area	Smart Key Unit(Button)	Actuation Test	Immobilizer Antenna
Soul(PS)	2015	USA Area	Smart Key Unit(Button)	Actuation Test	Activate Hat Shelf Antenna
Soul(PS)	2015	USA Area	Smart Key Unit(Button)	Special Function	Smart Key Code Saving
Soul(PS)	2015	USA Area	Smart Key Unit(Button)	Special Function	Neutralization Mode
Soul(PS)	2015	USA Area	Smart Key Unit(Button)	Special Function	SMK Status Information
Soul(PS)	2015	USA Area	Smart Key Unit(Button)	Special Function	FOB KEY Status Information
Soul(PS)	2015	USA Area	Smart Key Unit(Button)	Special Function	Current FOB Key Check
Soul(PS)	2015	USA Area	Smart Key Unit(Button)	Special Function	Antenna Status Check
Soul(PS)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Soul(PS)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Soul(PS)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Soul(PS)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Soul(PS)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Soul(PS)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Body Sensor Reset
Soul(PS)	2015	USA Area	Steering	Version	
Soul(PS)	2015	USA Area	Steering	Read Fault Code	
Soul(PS)	2015	USA Area	Steering	Clear Fault	
Soul(PS)	2015	USA Area	Steering	Read Data	
Soul(PS)	2015	USA Area	Steering	Special Function	ASP Calibration
Soul(PS)	2015	USA Area	Steering	Special Function	EPS Type Recognition
Soul(PS)	2015	USA Area	Steering	Special Function	Power Steering Motor
Soul(PS)	2015	USA Area	Steering	Special Function	Power Steering
Soul(PS)	2015	USA Area	TCM(Transmission Control Module)	Version Information	

model	year	area	system	function	subfunction
Soul(PS)	2015	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Soul(PS)	2015	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Soul(PS)	2015	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Soul(PS)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Soul(PS)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Soul(PS)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Soul(PS)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Soul(PS)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Soul(PS)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Soul(PS)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Soul(PS)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Soul(PS)	2015	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Soul(PS)	2015	USA Area	Telematics Unit	Version	
Soul(PS)	2015	USA Area	Telematics Unit	Read Fault Code	
Soul(PS)	2015	USA Area	Telematics Unit	Clear Fault	
Soul(PS)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Soul(PS)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Soul(PS)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Soul(PS)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Soul(PS)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN

model	year	area	system	function	subfunction
Soul(PS)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Soul(PS)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Soul(PS)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Version	
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Read Fault Code	
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Clear Fault	
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Read Data	
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh

model	year	area	system	function	subfunction
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Normal Mode
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-0%
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-50%
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Vent)-100%
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-0%
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-50%
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Floor)-100%
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-0%
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-50%

model	year	area	system	function	subfunction
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door(Def)-100%
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-100%(open)
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage PTC ON(Min.)
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage PTC OFF
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage COMP ON(Min.)
Soul(PS)	2014	USA Area	AC(Air Conditioning)	Actuation Test	High Voltage COMP OFF
Soul(PS)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Version Information	
Soul(PS)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Read Fault Code	
Soul(PS)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Clear Fault Memory	
Soul(PS)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Read Data Stream	
Soul(PS)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Actuator 20%
Soul(PS)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Actuator 80%
Soul(PS)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Actuation Test	SAHLS Sensor Origin Point
Soul(PS)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Parameter Setting&Zero position Initial
Soul(PS)	2014	USA Area	AHLS(Auto Headlamp Leveling System)	Special Function	Headlamp Leveling
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Version Information	
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Read Fault Code	
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Read Data Stream	
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Lamp
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Gasoline Lamp(Bi-Fuel)
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Over speed indicator(Option)
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	FPCM pressure control
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(1st stage)
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(1st stage)
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay(2nd stage)
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control(2nd
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	High Pressure Fuel Pump
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay for LPG
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay Control for LPG
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fan PWM
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Fuel Pump PWM

model	year	area	system	function	subfunction
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Rail
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Cut Valve for Fuel Tank
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Additional Gasoline in Cold
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Open Loop
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Toggling(OBD-2 Only)
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(Leak Test)
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	EGR Valve
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	CO-potentiometer
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 1
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Manifold 2
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1

model	year	area	system	function	subfunction
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 7
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 8
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Intake
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Exhaust
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank2
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank2
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for O2 Sensor Heaters
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Additive Correction for all O2 Sensor
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	ISA Idle Speed Actuator Additive Correction

model	year	area	system	function	subfunction
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B1
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B1
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-IN,B2
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	CDA Control Solenoid Valve-EX,B2
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B1
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B1
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-IN,B2
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	VVL Control Solenoid Valve-EX,B2
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Turbo waste gate(WGT)valve
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Turbo dump(ReCirculation)Valve(RCV)
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder1
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder2
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder3
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	LPG Injector Disable Cylinder4
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(GSL to LPG)
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	BI-Fuel System Fuel Change(LPG to GSL)
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values

model	year	area	system	function	subfunction
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Special Function	ISG TEST(Option)
Soul(PS)	2014	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Soul(PS)	2014	USA Area	ESP(Electronic Stability Program)	Version Information	
Soul(PS)	2014	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Soul(PS)	2014	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Soul(PS)	2014	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Soul(PS)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Soul(PS)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Soul(PS)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Soul(PS)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Soul(PS)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Soul(PS)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Soul(PS)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Soul(PS)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Soul(PS)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Soul(PS)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Soul(PS)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Soul(PS)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Soul(PS)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Soul(PS)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Soul(PS)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)

model	year	area	system	function	subfunction
Soul(PS)	2014	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Soul(PS)	2014	USA Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Soul(PS)	2014	USA Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Soul(PS)	2014	USA Area	IC(Instrument cluster)	Version	
Soul(PS)	2014	USA Area	IC(Instrument cluster)	Read Fault Code	
Soul(PS)	2014	USA Area	IC(Instrument cluster)	Clear Fault	
Soul(PS)	2014	USA Area	IC(Instrument cluster)	Read Data	
Soul(PS)	2014	USA Area	IC(Instrument cluster)	Actuation Test	Indicator ALL ON
Soul(PS)	2014	USA Area	IC(Instrument cluster)	Actuation Test	Indicator ALL OFF
Soul(PS)	2014	USA Area	IMMO(Immobilizer)	Read Fault Code	
Soul(PS)	2014	USA Area	IMMO(Immobilizer)	Clear Fault	
Soul(PS)	2014	USA Area	IMMO(Immobilizer)	Read Data	
Soul(PS)	2014	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Soul(PS)	2014	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Soul(PS)	2014	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Soul(PS)	2014	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Soul(PS)	2014	USA Area	MDPS(Motor Driven Power Steering)	Version Information	
Soul(PS)	2014	USA Area	MDPS(Motor Driven Power Steering)	Read Fault Code	
Soul(PS)	2014	USA Area	MDPS(Motor Driven Power Steering)	Clear Fault Memory	
Soul(PS)	2014	USA Area	MDPS(Motor Driven Power Steering)	Read Data Stream	
Soul(PS)	2014	USA Area	MDPS(Motor Driven Power Steering)	Special Function	ASP Calibration
Soul(PS)	2014	USA Area	MDPS(Motor Driven Power Steering)	Special Function	EPS Type Recognition
Soul(PS)	2014	USA Area	MDPS(Motor Driven Power Steering)	Special Function	Power Steering Motor
Soul(PS)	2014	USA Area	MDPS(Motor Driven Power Steering)	Special Function	Power Steering ECU
Soul(PS)	2014	USA Area	Smart Key	Version	
Soul(PS)	2014	USA Area	Smart Key	Read Fault Code	
Soul(PS)	2014	USA Area	Smart Key	Clear Fault	
Soul(PS)	2014	USA Area	Smart Key	Read Data	
Soul(PS)	2014	USA Area	Smart Key	Actuation Test	SSB Illumination
Soul(PS)	2014	USA Area	Smart Key	Actuation Test	SSB LED Amber

model	year	area	system	function	subfunction
Soul(PS)	2014	USA Area	Smart Key	Actuation Test	SSB LED Blue/Red
Soul(PS)	2014	USA Area	Smart Key	Actuation Test	SSB LED White
Soul(PS)	2014	USA Area	Smart Key Unit(Button)	Actuation Test	ESCL Enable(ESCL only)
Soul(PS)	2014	USA Area	Smart Key Unit(Button)	Actuation Test	ESCL Ground Output
Soul(PS)	2014	USA Area	Smart Key	Actuation Test	ACC Relay
Soul(PS)	2014	USA Area	Smart Key	Actuation Test	IGN1 Relay
Soul(PS)	2014	USA Area	Smart Key	Actuation Test	IGN2 Relay
Soul(PS)	2014	USA Area	Smart Key	Actuation Test	Starter Relay
Soul(PS)	2014	USA Area	Smart Key	Actuation Test	External Buzzer
Soul(PS)	2014	USA Area	Smart Key	Actuation Test	Key Out Indicator
Soul(PS)	2014	USA Area	Smart Key Unit(Button)	Actuation Test	Immobilizer Indicator
Soul(PS)	2014	USA Area	Smart Key Unit(Button)	Actuation Test	FOB Battery Indicator
Soul(PS)	2014	USA Area	Smart Key	Actuation Test	SSB LED OFF
Soul(PS)	2014	USA Area	Smart Key	Actuation Test	Interior Antenna
Soul(PS)	2014	USA Area	Smart Key	Actuation Test	Interior Antenna
Soul(PS)	2014	USA Area	Smart Key	Actuation Test	Trunk Antenna
Soul(PS)	2014	USA Area	Smart Key	Actuation Test	Interior Antenna
Soul(PS)	2014	USA Area	Smart Key Unit(Button)	Actuation Test	Bumper Antenna Active
Soul(PS)	2014	USA Area	Smart Key Unit(Button)	Actuation Test	Activate Driver Side Antenna
Soul(PS)	2014	USA Area	Smart Key Unit(Button)	Actuation Test	Activate Assist Side Antenna
Soul(PS)	2014	USA Area	Smart Key Unit(Button)	Actuation Test	Immobilizer Antenna
Soul(PS)	2014	USA Area	Smart Key Unit(Button)	Actuation Test	Activate Hat Shelf Antenna
Soul(PS)	2014	USA Area	Smart Key Unit(Button)	Special Function	Smart Key Code Saving
Soul(PS)	2014	USA Area	Smart Key Unit(Button)	Special Function	Neutralization Mode
Soul(PS)	2014	USA Area	Smart Key Unit(Button)	Special Function	SMK Status Information
Soul(PS)	2014	USA Area	Smart Key Unit(Button)	Special Function	FOB KEY Status Information
Soul(PS)	2014	USA Area	Smart Key Unit(Button)	Special Function	Current FOB Key Check
Soul(PS)	2014	USA Area	Smart Key Unit(Button)	Special Function	Antenna Status Check
Soul(PS)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	

model	year	area	system	function	subfunction
Soul(PS)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Soul(PS)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Soul(PS)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Soul(PS)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Soul(PS)	2014	USA Area	TCM(Transmission Control Module)	Version Information	
Soul(PS)	2014	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Soul(PS)	2014	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Soul(PS)	2014	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Soul(PS)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Soul(PS)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Soul(PS)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Soul(PS)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Soul(PS)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Soul(PS)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Soul(PS)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Soul(PS)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve

model	year	area	system	function	subfunction
Soul(PS)	2014	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Soul(PS)	2014	USA Area	Telematics Unit	Version	
Soul(PS)	2014	USA Area	Telematics Unit	Read Fault Code	
Soul(PS)	2014	USA Area	Telematics Unit	Clear Fault	
Soul(PS)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Soul(PS)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Soul(PS)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Soul(PS)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Soul(PS)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Soul(PS)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Soul(PS)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Soul(PS)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Spectra(LD)	2009	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Spectra(LD)	2009	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Spectra(LD)	2009	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Spectra(LD)	2009	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Spectra(LD)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Relay
Spectra(LD)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Spectra(LD)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Spectra(LD)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Spectra(LD)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Spectra(LD)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Spectra(LD)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Spectra(LD)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear

model	year	area	system	function	subfunction
Spectra(LD)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Spectra(LD)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Traction Control Valve-Left Front
Spectra(LD)	2009	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Traction Control Valve-Right Front
Spectra(LD)	2009	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Version	
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Read Fault Code	
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Clear Fault	
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Read Data	
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium

model	year	area	system	function	subfunction
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Spectra(LD)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Spectra(LD)	2009	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Spectra(LD)	2009	USA Area	ECM(Engine Control Module)	Version Information	
Spectra(LD)	2009	USA Area	ECM(Engine Control Module)	Read Fault Code	
Spectra(LD)	2009	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Spectra(LD)	2009	USA Area	ECM(Engine Control Module)	Read Data Stream	
Spectra(LD)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Spectra(LD)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve(On)
Spectra(LD)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay

model	year	area	system	function	subfunction
Spectra(LD)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Spectra(LD)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Spectra(LD)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Spectra(LD)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Clocked
Spectra(LD)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Spectra(LD)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Spectra(LD)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Spectra(LD)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Spectra(LD)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Spectra(LD)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Spectra(LD)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Spectra(LD)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Spectra(LD)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Spectra(LD)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Spectra(LD)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Spectra(LD)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Spectra(LD)	2009	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Spectra(LD)	2009	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Spectra(LD)	2009	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Spectra(LD)	2009	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Spectra(LD)	2009	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Spectra(LD)	2009	USA Area	ECM(Engine Control Module)	Special Function	Ignition Test
Spectra(LD)	2009	USA Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode

model	year	area	system	function	subfunction
Spectra(LD)	2009	USA Area	IMMO(Immobilizer)	Read Data	
Spectra(LD)	2009	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Spectra(LD)	2009	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Spectra(LD)	2009	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Spectra(LD)	2009	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Spectra(LD)	2009	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Spectra(LD)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Spectra(LD)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Spectra(LD)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Spectra(LD)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Spectra(LD)	2009	USA Area	TCM(Transmission Control Module)	Version Information	
Spectra(LD)	2009	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Spectra(LD)	2009	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Spectra(LD)	2009	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Spectra(LD)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
Spectra(LD)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
Spectra(LD)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-C(PCSV-C)
Spectra(LD)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	On/Off Solenoid(SCSV-A)
Spectra(LD)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Spectra(LD)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid
Spectra(LD)	2009	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values

model	year	area	system	function	subfunction
Spectra(LD)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Spectra(LD)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Spectra(LD)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Spectra(LD)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Spectra(LD)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Spectra(LD)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Spectra(LD)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Spectra(LD)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Spectra(LD)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Spectra(LD)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Spectra(LD)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Spectra(LD)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Spectra(LD)	2008	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Spectra(LD)	2008	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Spectra(LD)	2008	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Spectra(LD)	2008	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Spectra(LD)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Relay
Spectra(LD)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Spectra(LD)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Spectra(LD)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Spectra(LD)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Spectra(LD)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Spectra(LD)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front

model	year	area	system	function	subfunction
Spectra(LD)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Spectra(LD)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Spectra(LD)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Traction Control Valve-Left Front
Spectra(LD)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Traction Control Valve-Right Front
Spectra(LD)	2008	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Version	
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Read Fault Code	
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Clear Fault	
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Read Data	
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low

model	year	area	system	function	subfunction
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Spectra(LD)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Spectra(LD)	2008	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Spectra(LD)	2008	USA Area	ECM(Engine Control Module)	Version Information	
Spectra(LD)	2008	USA Area	ECM(Engine Control Module)	Read Fault Code	
Spectra(LD)	2008	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Spectra(LD)	2008	USA Area	ECM(Engine Control Module)	Read Data Stream	
Spectra(LD)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Spectra(LD)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve(On)

model	year	area	system	function	subfunction
Spectra(LD)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Spectra(LD)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Spectra(LD)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Spectra(LD)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Spectra(LD)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Clocked
Spectra(LD)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Spectra(LD)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Spectra(LD)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Spectra(LD)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Spectra(LD)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Spectra(LD)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Spectra(LD)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Spectra(LD)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Spectra(LD)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Spectra(LD)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Spectra(LD)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Spectra(LD)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Spectra(LD)	2008	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Spectra(LD)	2008	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Spectra(LD)	2008	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Spectra(LD)	2008	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Spectra(LD)	2008	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Spectra(LD)	2008	USA Area	ECM(Engine Control Module)	Special Function	Ignition Test

model	year	area	system	function	subfunction
Spectra(LD)	2008	USA Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Spectra(LD)	2008	USA Area	IMMO(Immobilizer)	Read Data	
Spectra(LD)	2008	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Spectra(LD)	2008	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Spectra(LD)	2008	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Spectra(LD)	2008	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Spectra(LD)	2008	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Spectra(LD)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Spectra(LD)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Spectra(LD)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Spectra(LD)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Spectra(LD)	2008	USA Area	TCM(Transmission Control Module)	Version Information	
Spectra(LD)	2008	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Spectra(LD)	2008	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Spectra(LD)	2008	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Spectra(LD)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
Spectra(LD)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
Spectra(LD)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-C(PCSV-C)
Spectra(LD)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	On/Off Solenoid(SCSV-A)
Spectra(LD)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Spectra(LD)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid

model	year	area	system	function	subfunction
Spectra(LD)	2008	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Spectra(LD)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Spectra(LD)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Spectra(LD)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Spectra(LD)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Spectra(LD)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Spectra(LD)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Spectra(LD)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Spectra(LD)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Spectra(LD)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Spectra(LD)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Spectra(LD)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Spectra(LD)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Spectra(LD)	2007	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Spectra(LD)	2007	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Spectra(LD)	2007	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Spectra(LD)	2007	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Spectra(LD)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Relay
Spectra(LD)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Spectra(LD)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Spectra(LD)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Spectra(LD)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Spectra(LD)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front

model	year	area	system	function	subfunction
Spectra(LD)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Spectra(LD)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Spectra(LD)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Spectra(LD)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Traction Control Valve-Left Front
Spectra(LD)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Traction Control Valve-Right Front
Spectra(LD)	2007	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Version	
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Read Fault Code	
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Clear Fault	
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Read Data	
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Off

model	year	area	system	function	subfunction
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Low
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-Medium
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Blower Fan-High
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Face
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Foot
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defrost
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-0%
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-50%
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Air Mix Door-100%
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Face
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Foot
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Mode Door-Defrost
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Open
Spectra(LD)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Rear Vent Door-Close
Spectra(LD)	2007	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Spectra(LD)	2007	USA Area	ECM(Engine Control Module)	Version Information	
Spectra(LD)	2007	USA Area	ECM(Engine Control Module)	Read Fault Code	
Spectra(LD)	2007	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Spectra(LD)	2007	USA Area	ECM(Engine Control Module)	Read Data Stream	
Spectra(LD)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)

model	year	area	system	function	subfunction
Spectra(LD)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve(On)
Spectra(LD)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Spectra(LD)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Spectra(LD)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Spectra(LD)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Spectra(LD)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Clocked
Spectra(LD)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Spectra(LD)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Spectra(LD)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Spectra(LD)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Spectra(LD)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Spectra(LD)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Spectra(LD)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Spectra(LD)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Spectra(LD)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Spectra(LD)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Spectra(LD)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Spectra(LD)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Spectra(LD)	2007	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Spectra(LD)	2007	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Spectra(LD)	2007	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Spectra(LD)	2007	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Spectra(LD)	2007	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test

model	year	area	system	function	subfunction
Spectra(LD)	2007	USA Area	ECM(Engine Control Module)	Special Function	Ignition Test
Spectra(LD)	2007	USA Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Spectra(LD)	2007	USA Area	IMMO(Immobilizer)	Read Data	
Spectra(LD)	2007	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Spectra(LD)	2007	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Spectra(LD)	2007	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Spectra(LD)	2007	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Spectra(LD)	2007	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Spectra(LD)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Spectra(LD)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Spectra(LD)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Spectra(LD)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Spectra(LD)	2007	USA Area	TCM(Transmission Control Module)	Version Information	
Spectra(LD)	2007	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Spectra(LD)	2007	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Spectra(LD)	2007	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Spectra(LD)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-A(PCSV-A)
Spectra(LD)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-B(PCSV-B)
Spectra(LD)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve-C(PCSV-C)
Spectra(LD)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	On/Off Solenoid(SCSV-A)
Spectra(LD)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid

model	year	area	system	function	subfunction
Spectra(LD)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid
Spectra(LD)	2007	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Spectra(LD)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Spectra(LD)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Spectra(LD)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Spectra(LD)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Spectra(LD)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Spectra(LD)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Spectra(LD)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Spectra(LD)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Spectra(LD)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Spectra(LD)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Spectra(LD)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Spectra(LD)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Spectra(LD)	2006	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Spectra(LD)	2006	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Spectra(LD)	2006	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Spectra(LD)	2006	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Spectra(LD)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Relay
Spectra(LD)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Spectra(LD)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Spectra(LD)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Spectra(LD)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear

model	year	area	system	function	subfunction
Spectra(LD)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Spectra(LD)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Spectra(LD)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Spectra(LD)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Spectra(LD)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Traction Control Valve-Left Front
Spectra(LD)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Traction Control Valve-Right Front
Spectra(LD)	2006	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Spectra(LD)	2006	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Spectra(LD)	2006	USA Area	ECM(Engine Control Module)	Version Information	
Spectra(LD)	2006	USA Area	ECM(Engine Control Module)	Read Fault Code	
Spectra(LD)	2006	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Spectra(LD)	2006	USA Area	ECM(Engine Control Module)	Read Data Stream	
Spectra(LD)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Spectra(LD)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Spectra(LD)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Spectra(LD)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Spectra(LD)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Spectra(LD)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve
Spectra(LD)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve Permanently On
Spectra(LD)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Spectra(LD)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Spectra(LD)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High

model	year	area	system	function	subfunction
Spectra(LD)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Spectra(LD)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Purge Control Solenoid Valve
Spectra(LD)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control Actuator
Spectra(LD)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Valve
Spectra(LD)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Spectra(LD)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Spectra(LD)	2006	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Spectra(LD)	2006	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Spectra(LD)	2006	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Spectra(LD)	2006	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Spectra(LD)	2006	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Spectra(LD)	2006	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Spectra(LD)	2006	USA Area	ECM(Engine Control Module)	Special Function	Ignition Test
Spectra(LD)	2006	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Spectra(LD)	2006	USA Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Spectra(LD)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Spectra(LD)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Spectra(LD)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Spectra(LD)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Spectra(LD)	2006	USA Area	TCM(Transmission Control Module)	Version Information	

model	year	area	system	function	subfunction
Spectra(LD)	2006	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Spectra(LD)	2006	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Spectra(LD)	2006	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Spectra(LD)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	On/Off Solenoid(SCSV-A)
Spectra(LD)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Spectra(LD)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Spectra(LD)	2006	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Spectra(LD)	2005	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Spectra(LD)	2005	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Spectra(LD)	2005	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Spectra(LD)	2005	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Spectra(LD)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Relay
Spectra(LD)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Spectra(LD)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Spectra(LD)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Spectra(LD)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Spectra(LD)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Spectra(LD)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Spectra(LD)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Spectra(LD)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Spectra(LD)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Traction Control Valve-Left Front
Spectra(LD)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Traction Control Valve-Right Front
Spectra(LD)	2005	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode

model	year	area	system	function	subfunction
Spectra(LD)	2005	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Spectra(LD)	2005	USA Area	ECM(Engine Control Module)	Version Information	
Spectra(LD)	2005	USA Area	ECM(Engine Control Module)	Read Fault Code	
Spectra(LD)	2005	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Spectra(LD)	2005	USA Area	ECM(Engine Control Module)	Read Data Stream	
Spectra(LD)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Spectra(LD)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Spectra(LD)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Spectra(LD)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Spectra(LD)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Spectra(LD)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve
Spectra(LD)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve Permanently On
Spectra(LD)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Spectra(LD)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Spectra(LD)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Spectra(LD)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Spectra(LD)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Purge Control Solenoid Valve
Spectra(LD)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control Actuator
Spectra(LD)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Valve
Spectra(LD)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Spectra(LD)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Spectra(LD)	2005	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values

model	year	area	system	function	subfunction
Spectra(LD)	2005	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Spectra(LD)	2005	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Spectra(LD)	2005	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Spectra(LD)	2005	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Spectra(LD)	2005	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Spectra(LD)	2005	USA Area	ECM(Engine Control Module)	Special Function	Ignition Test
Spectra(LD)	2005	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Spectra(LD)	2005	USA Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Spectra(LD)	2005	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Spectra(LD)	2005	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Spectra(LD)	2005	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Spectra(LD)	2005	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Spectra(LD)	2005	USA Area	TCM(Transmission Control Module)	Version Information	
Spectra(LD)	2005	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Spectra(LD)	2005	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Spectra(LD)	2005	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Spectra(LD)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	On/Off Solenoid(SCSV-A)
Spectra(LD)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Spectra(LD)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve
Spectra(LD)	2005	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values

model	year	area	system	function	subfunction
Spectra(LD)	2004	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Spectra(LD)	2004	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Spectra(LD)	2004	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Spectra(LD)	2004	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Spectra(LD)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Relay
Spectra(LD)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Spectra(LD)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Spectra(LD)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Spectra(LD)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Spectra(LD)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Spectra(LD)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Spectra(LD)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Spectra(LD)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Spectra(LD)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Traction Control Valve-Left Front
Spectra(LD)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Traction Control Valve-Right Front
Spectra(LD)	2004	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Spectra(LD)	2004	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Spectra(LD)	2004	USA Area	ECM(Engine Control Module)	Version Information	
Spectra(LD)	2004	USA Area	ECM(Engine Control Module)	Read Fault Code	
Spectra(LD)	2004	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Spectra(LD)	2004	USA Area	ECM(Engine Control Module)	Read Data Stream	
Spectra(LD)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Spectra(LD)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2

model	year	area	system	function	subfunction
Spectra(LD)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Spectra(LD)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Spectra(LD)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Spectra(LD)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve
Spectra(LD)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve Permanently On
Spectra(LD)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Spectra(LD)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Spectra(LD)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Spectra(LD)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Spectra(LD)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Purge Control Solenoid Valve
Spectra(LD)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control Actuator
Spectra(LD)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Valve
Spectra(LD)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Spectra(LD)	2004	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Spectra(LD)	2004	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Spectra(LD)	2004	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Spectra(LD)	2004	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Spectra(LD)	2004	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Spectra(LD)	2004	USA Area	ECM(Engine Control Module)	Special Function	Ignition Test
Spectra(LD)	2004	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Spectra(LD)	2004	USA Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode

model	year	area	system	function	subfunction
Spectra(LD)	2004	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Spectra(LD)	2004	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Spectra(LD)	2004	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Spectra(LD)	2004	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Spectra(LD)	2004	USA Area	TCM(Transmission Control Module)	Version Information	
Spectra(LD)	2004	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Spectra(LD)	2004	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Spectra(LD)	2004	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Spectra(LD)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Spectra(LD)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Spectra(LD)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Spectra(LD)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Spectra(LD)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Spectra(LD)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Spectra(LD)	2004	USA Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Spectra(LD)	2004	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Spectra(SD)	2004	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Spectra(SD)	2004	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Spectra(SD)	2004	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Spectra(SD)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Relay
Spectra(SD)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front

model	year	area	system	function	subfunction
Spectra(SD)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Spectra(SD)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Spectra(SD)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Spectra(SD)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Spectra(SD)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Spectra(SD)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Spectra(SD)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Spectra(SD)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Spectra(SD)	2004	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Spectra(SD)	2004	USA Area	ECM(Engine Control Module)	Version Information	
Spectra(SD)	2004	USA Area	ECM(Engine Control Module)	Read Fault Code	
Spectra(SD)	2004	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Spectra(SD)	2004	USA Area	ECM(Engine Control Module)	Read Data Stream	
Spectra(SD)	2004	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Spectra(SD)	2004	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Spectra(SD)	2004	USA Area	TCM(Transmission Control Module)	Version Information	
Spectra(SD)	2004	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Spectra(SD)	2004	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Spectra(SD)	2004	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Spectra(SD)	2004	USA Area	TCM(Transmission Control Module)	Special Function	Readiness Test
Spectra(SD)	2003	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Spectra(SD)	2003	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Spectra(SD)	2003	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Spectra(SD)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Relay
Spectra(SD)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Spectra(SD)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Spectra(SD)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Spectra(SD)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Spectra(SD)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Spectra(SD)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Spectra(SD)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Spectra(SD)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Spectra(SD)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Spectra(SD)	2003	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Spectra(SD)	2003	USA Area	ECM(Engine Control Module)	Version Information	
Spectra(SD)	2003	USA Area	ECM(Engine Control Module)	Read Fault Code	
Spectra(SD)	2003	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Spectra(SD)	2003	USA Area	ECM(Engine Control Module)	Read Data Stream	
Spectra(SD)	2003	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Spectra(SD)	2003	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Spectra(SD)	2003	USA Area	TCM(Transmission Control Module)	Version Information	
Spectra(SD)	2003	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Spectra(SD)	2003	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Spectra(SD)	2003	USA Area	TCM(Transmission Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Spectra(SD)	2003	USA Area	TCM(Transmission Control Module)	Special Function	Readiness Test
Spectra(SD)	2002	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Spectra(SD)	2002	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Spectra(SD)	2002	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Spectra(SD)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Relay
Spectra(SD)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Spectra(SD)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Spectra(SD)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Spectra(SD)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Spectra(SD)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Spectra(SD)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Spectra(SD)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Spectra(SD)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Spectra(SD)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Spectra(SD)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Spectra(SD)	2002	USA Area	ECM(Engine Control Module)	Version Information	
Spectra(SD)	2002	USA Area	ECM(Engine Control Module)	Read Fault Code	
Spectra(SD)	2002	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Spectra(SD)	2002	USA Area	ECM(Engine Control Module)	Read Data Stream	
Spectra(SD)	2002	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Spectra(SD)	2002	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Spectra(SD)	2002	USA Area	TCM(Transmission Control Module)	Version Information	

model	year	area	system	function	subfunction
Spectra(SD)	2002	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Spectra(SD)	2002	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Spectra(SD)	2002	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Spectra(SD)	2002	USA Area	TCM(Transmission Control Module)	Special Function	Readiness Test
Spectra(SD)	2001	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Spectra(SD)	2001	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Spectra(SD)	2001	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Spectra(SD)	2001	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Spectra(SD)	2001	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Valve/Motor-Right Front
Spectra(SD)	2001	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Valve/Motor-Left Front
Spectra(SD)	2001	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Valve/Motor-Right Rear
Spectra(SD)	2001	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Valve/Motor-Left Rear
Spectra(SD)	2001	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Spectra(SD)	2001	USA Area	ECM(Engine Control Module)	Version Information	
Spectra(SD)	2001	USA Area	ECM(Engine Control Module)	Read Fault Code	
Spectra(SD)	2001	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Spectra(SD)	2001	USA Area	ECM(Engine Control Module)	Read Data Stream	
Spectra(SD)	2001	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Spectra(SD)	2001	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Spectra(SD)	2001	USA Area	TCM(Transmission Control Module)	Version Information	
Spectra(SD)	2001	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Spectra(SD)	2001	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Spectra(SD)	2001	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Spectra(SD)	2001	USA Area	TCM(Transmission Control Module)	Special Function	Readiness Test
Spectra(SD)	2000	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Spectra(SD)	2000	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Spectra(SD)	2000	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Spectra(SD)	2000	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Spectra(SD)	2000	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Valve/Motor-Right Front
Spectra(SD)	2000	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Valve/Motor-Left Front
Spectra(SD)	2000	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Valve/Motor-Right Rear
Spectra(SD)	2000	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Valve/Motor-Left Rear
Spectra(SD)	2000	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Spectra(SD)	2000	USA Area	ECM(Engine Control Module)	Version Information	
Spectra(SD)	2000	USA Area	ECM(Engine Control Module)	Read Fault Code	
Spectra(SD)	2000	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Spectra(SD)	2000	USA Area	ECM(Engine Control Module)	Read Data Stream	
Spectra(SD)	2000	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Spectra(SD)	2000	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Spectra(SD)	2000	USA Area	TCM(Transmission Control Module)	Version Information	
Spectra(SD)	2000	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Spectra(SD)	2000	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Spectra(SD)	2000	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Spectra(SD)	2000	USA Area	TCM(Transmission Control Module)	Special Function	Readiness Test

model	year	area	system	function	subfunction
Sportage(AL)	2002	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Sportage(AL)	2002	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sportage(AL)	2002	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sportage(AL)	2002	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sportage(AL)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor Relay
Sportage(AL)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sportage(AL)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sportage(AL)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Rear
Sportage(AL)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sportage(AL)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sportage(AL)	2002	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Rear
Sportage(AL)	2002	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(AL)	2002	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(AL)	2002	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(AL)	2002	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(AL)	2002	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(AL)	2002	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(AL)	2002	USA Area	TCM(Transmission Control Module)	Special Function	Readiness Test
Sportage(AL)	2001	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sportage(AL)	2001	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sportage(AL)	2001	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sportage(AL)	2001	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	MOTOR
Sportage(AL)	2001	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE(IN)

model	year	area	system	function	subfunction
Sportage(AL)	2001	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE(IN)
Sportage(AL)	2001	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR VALVE(IN)
Sportage(AL)	2001	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT LEFT VALVE(OUT)
Sportage(AL)	2001	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	FRONT RIGHT VALVE(OUT)
Sportage(AL)	2001	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	REAR VALVE(OUT)
Sportage(AL)	2001	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(AL)	2001	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(AL)	2001	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(AL)	2001	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(AL)	2001	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(AL)	2001	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(AL)	2001	USA Area	TCM(Transmission Control Module)	Special Function	Readiness Test
Sportage(AL)	2000	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(AL)	2000	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(AL)	2000	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(AL)	2000	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(AL)	2000	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(AL)	2000	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(AL)	2000	USA Area	TCM(Transmission Control Module)	Special Function	Readiness Test
Sportage(AL)	1999	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(AL)	1999	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(AL)	1999	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(AL)	1999	USA Area	TCM(Transmission Control Module)	Read Fault Code	

model	year	area	system	function	subfunction
Sportage(AL)	1999	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(AL)	1999	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(AL)	1999	USA Area	TCM(Transmission Control Module)	Special Function	Readiness Test
Sportage(AL)	1998	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(AL)	1998	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(AL)	1998	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(AL)	1998	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(AL)	1998	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(AL)	1998	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(AL)	1998	USA Area	TCM(Transmission Control Module)	Special Function	Readiness Test
Sportage(AL)	1997	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(AL)	1997	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(AL)	1997	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(AL)	1997	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(AL)	1997	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(AL)	1997	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(AL)	1997	USA Area	TCM(Transmission Control Module)	Special Function	Readiness Test
Sportage(AL)	1996	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(AL)	1996	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(AL)	1996	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(AL)	1996	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(AL)	1996	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(AL)	1996	USA Area	TCM(Transmission Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Sportage(AL)	1996	USA Area	TCM(Transmission Control Module)	Special Function	Readiness Test
Sportage(AL)	1995	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(AL)	1995	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(AL)	1995	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(AL)	1995	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(AL)	1995	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(AL)	1995	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(AL)	1995	USA Area	TCM(Transmission Control Module)	Special Function	Readiness Test
Sportage(KM	2010	USA Area	4WD Control	Version	
Sportage(KM	2010	USA Area	4WD Control	Read Fault Code	
Sportage(KM	2010	USA Area	4WD Control	Clear Fault	
Sportage(KM	2010	USA Area	4WD Control	Read Data	
Sportage(KM	2010	USA Area	AC(Air Conditioning)	Version	
Sportage(KM	2010	USA Area	AC(Air Conditioning)	Read Fault Code	
Sportage(KM	2010	USA Area	AC(Air Conditioning)	Clear Fault	
Sportage(KM	2010	USA Area	AC(Air Conditioning)	Read Data	
Sportage(KM	2010	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sportage(KM	2010	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sportage(KM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sportage(KM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sportage(KM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sportage(KM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sportage(KM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sportage(KM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sportage(KM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sportage(KM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sportage(KM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sportage(KM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost

model	year	area	system	function	subfunction
Sportage(KM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sportage(KM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sportage(KM)	2010	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sportage(KM)	2010	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sportage(KM)	2010	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Version Information	
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve(On)
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Clocked
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4

model	year	area	system	function	subfunction
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	ISC Valve
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,5
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#3,6
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Special Function	Ignition Test
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Special Function	PCSV Valve Test

model	year	area	system	function	subfunction
Sportage(KM)	2010	USA Area	ECM(Engine Control Module)	Special Function	Front Oxygen Short-trip Test
Sportage(KM)	2010	USA Area	ESP(Electronic Stability Program)	Version Information	
Sportage(KM)	2010	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Sportage(KM)	2010	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sportage(KM)	2010	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Sportage(KM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Sportage(KM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Sportage(KM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sportage(KM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sportage(KM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Sportage(KM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sportage(KM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Sportage(KM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sportage(KM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sportage(KM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Sportage(KM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Sportage(KM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	ASV Valve-Left Front
Sportage(KM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	ASV Valve-Right Front
Sportage(KM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Left
Sportage(KM)	2010	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Right
Sportage(KM)	2010	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sportage(KM	2010	USA Area	ETACS	Version	
Sportage(KM	2010	USA Area	ETACS	Read Data	
Sportage(KM	2010	USA Area	ETACS	Actuation Test	Door Lock Relay
Sportage(KM	2010	USA Area	ETACS	Actuation Test	Door Unlock

model	year	area	system	function	subfunction
Sportage(KM)	2010	USA Area	ETACS	Actuation Test	Driver Door Unlock Relay
Sportage(KM)	2010	USA Area	ETACS	Actuation Test	Power Window Relay
Sportage(KM	2010	USA Area	ETACS	Actuation Test	Wiper Relay
Sportage(KM)	2010	USA Area	ETACS	Actuation Test	Hazard Lamp Relay(+RK)
Sportage(KM	2010	USA Area	ETACS	Actuation Test	Burglar Horn
Sportage(KM	2010	USA Area	ETACS	Actuation Test	Starter Inhibit
Sportage(KM)	2010	USA Area	ETACS	Actuation Test	Tail Lamp Relay/DRL Unit
Sportage(KM	2010	USA Area	ETACS	Actuation Test	Rear Wiper Relay
Sportage(KM)	2010	USA Area	ETACS	Actuation Test	Front Deicer&Rear
Sportage(KM)	2010	USA Area	ETACS	Actuation Test	Driver Seat Belt Indicator
Sportage(KM)	2010	USA Area	ETACS	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Sportage(KM	2010	USA Area	ETACS	Actuation Test	Chime buzzer
Sportage(KM	2010	USA Area	ETACS	Actuation Test	Room Lamp
Sportage(KM	2010	USA Area	IMMO(Immobilizer)	Read Data	
Sportage(KM)	2010	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sportage(KM	2010	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Sportage(KM	2010	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sportage(KM)	2010	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sportage(KM	2010	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Sportage(KM)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sportage(KM)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sportage(KM)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sportage(KM)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sportage(KM)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	PODS Reset

model	year	area	system	function	subfunction
Sportage(KM)	2010	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Sportage(KM)	2010	USA Area	TCM(Transmission Control Module)	Version Information	
Sportage(KM)	2010	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(KM)	2010	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(KM)	2010	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(KM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Low/Reverse Solenoid Valve
Sportage(KM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Under Drive Solenoid Valve
Sportage(KM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Sportage(KM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Sportage(KM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Sportage(KM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Sportage(KM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Sportage(KM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sportage(KM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sportage(KM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sportage(KM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Sportage(KM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Sportage(KM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Sportage(KM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Sportage(KM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Sportage(KM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Sportage(KM)	2010	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)

model	year	area	system	function	subfunction
Sportage(KM)	2010	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sportage(KM)	2010	USA Area	TCM(Transmission Control Module)	Special Function	Init of TCU Learning
Sportage(KM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sportage(KM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sportage(KM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sportage(KM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sportage(KM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sportage(KM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sportage(KM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Sportage(KM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sportage(KM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Sportage(KM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sportage(KM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sportage(KM)	2010	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sportage(KM	2009	USA Area	4WD Control	Version	
Sportage(KM	2009	USA Area	4WD Control	Read Fault Code	
Sportage(KM	2009	USA Area	4WD Control	Clear Fault	
Sportage(KM	2009	USA Area	4WD Control	Read Data	
Sportage(KM	2009	USA Area	AC(Air Conditioning)	Version	
Sportage(KM	2009	USA Area	AC(Air Conditioning)	Read Fault Code	
Sportage(KM	2009	USA Area	AC(Air Conditioning)	Clear Fault	
Sportage(KM	2009	USA Area	AC(Air Conditioning)	Read Data	
Sportage(KM	2009	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sportage(KM	2009	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sportage(KM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sportage(KM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sportage(KM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sportage(KM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High

model	year	area	system	function	subfunction
Sportage(KM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sportage(KM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sportage(KM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sportage(KM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sportage(KM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sportage(KM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sportage(KM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sportage(KM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sportage(KM)	2009	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sportage(KM)	2009	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sportage(KM)	2009	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Version Information	
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve(On)
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Clocked
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High

model	year	area	system	function	subfunction
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	ISC Valve
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,5
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#3,6
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Special Function	Write VIN

model	year	area	system	function	subfunction
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Special Function	Ignition Test
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Special Function	PCSV Valve Test
Sportage(KM)	2009	USA Area	ECM(Engine Control Module)	Special Function	Front Oxygen Short-trip Test
Sportage(KM)	2009	USA Area	ESP(Electronic Stability Program)	Version Information	
Sportage(KM)	2009	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Sportage(KM)	2009	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sportage(KM)	2009	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Sportage(KM)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Sportage(KM)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Sportage(KM)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sportage(KM)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sportage(KM)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Sportage(KM)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sportage(KM)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Sportage(KM)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sportage(KM)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sportage(KM)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Sportage(KM)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front

model	year	area	system	function	subfunction
Sportage(KM)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	ASV Valve-Left Front
Sportage(KM)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	ASV Valve-Right Front
Sportage(KM)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Left
Sportage(KM)	2009	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESV Valve-Front Right
Sportage(KM)	2009	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sportage(KM	2009	USA Area	ETACS	Version	
Sportage(KM	2009	USA Area	ETACS	Read Data	
Sportage(KM	2009	USA Area	ETACS	Actuation Test	Door Lock Relay
Sportage(KM	2009	USA Area	ETACS	Actuation Test	Door Unlock
Sportage(KM)	2009	USA Area	ETACS	Actuation Test	Driver Door Unlock Relay
Sportage(KM)	2009	USA Area	ETACS	Actuation Test	Power Window Relay
Sportage(KM	2009	USA Area	ETACS	Actuation Test	Wiper Relay
Sportage(KM)	2009	USA Area	ETACS	Actuation Test	Hazard Lamp Relay(+RK)
Sportage(KM	2009	USA Area	ETACS	Actuation Test	Burglar Horn
Sportage(KM	2009	USA Area	ETACS	Actuation Test	Starter Inhibit
Sportage(KM)	2009	USA Area	ETACS	Actuation Test	Tail Lamp Relay/DRL Unit
Sportage(KM	2009	USA Area	ETACS	Actuation Test	Rear Wiper Relay
Sportage(KM)	2009	USA Area	ETACS	Actuation Test	Front Deicer&Rear
Sportage(KM)	2009	USA Area	ETACS	Actuation Test	Driver Seat Belt Indicator
Sportage(KM)	2009	USA Area	ETACS	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Sportage(KM	2009	USA Area	ETACS	Actuation Test	Chime buzzer
Sportage(KM	2009	USA Area	ETACS	Actuation Test	Room Lamp
Sportage(KM	2009	USA Area	IMMO(Immobilizer)	Read Data	
Sportage(KM)	2009	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sportage(KM	2009	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Sportage(KM	2009	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sportage(KM)	2009	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sportage(KM	2009	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Sportage(KM)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	

model	year	area	system	function	subfunction
Sportage(KM)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sportage(KM)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sportage(KM)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sportage(KM)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	PODS Reset
Sportage(KM)	2009	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Sportage(KM)	2009	USA Area	TCM(Transmission Control Module)	Version Information	
Sportage(KM)	2009	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(KM)	2009	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(KM)	2009	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(KM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Low/Reverse Solenoid Valve
Sportage(KM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Under Drive Solenoid Valve
Sportage(KM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Sportage(KM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Sportage(KM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Sportage(KM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Sportage(KM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Sportage(KM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sportage(KM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sportage(KM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sportage(KM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)

model	year	area	system	function	subfunction
Sportage(KM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Sportage(KM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Sportage(KM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Sportage(KM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Sportage(KM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Sportage(KM)	2009	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Sportage(KM)	2009	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sportage(KM)	2009	USA Area	TCM(Transmission Control Module)	Special Function	Init of TCU Learning
Sportage(KM)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sportage(KM)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sportage(KM)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sportage(KM)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sportage(KM)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sportage(KM)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sportage(KM)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Sportage(KM)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sportage(KM)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Sportage(KM)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sportage(KM)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sportage(KM)	2009	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sportage(KM	2008	USA Area	4WD Control	Version	
Sportage(KM	2008	USA Area	4WD Control	Read Fault Code	
Sportage(KM	2008	USA Area	4WD Control	Clear Fault	
Sportage(KM	2008	USA Area	4WD Control	Read Data	

model	year	area	system	function	subfunction
Sportage(KM)	2008	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Sportage(KM)	2008	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sportage(KM)	2008	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sportage(KM)	2008	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sportage(KM)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Sportage(KM)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sportage(KM)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sportage(KM)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sportage(KM)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sportage(KM)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sportage(KM)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sportage(KM)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sportage(KM)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sportage(KM)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Sportage(KM)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Sportage(KM)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
Sportage(KM)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
Sportage(KM)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
Sportage(KM)	2008	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
Sportage(KM)	2008	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sportage(KM	2008	USA Area	AC(Air Conditioning)	Version	
Sportage(KM	2008	USA Area	AC(Air Conditioning)	Read Fault Code	
Sportage(KM	2008	USA Area	AC(Air Conditioning)	Clear Fault	
Sportage(KM	2008	USA Area	AC(Air Conditioning)	Read Data	
Sportage(KM	2008	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sportage(KM	2008	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off

model	year	area	system	function	subfunction
Sportage(KM)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sportage(KM)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sportage(KM)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sportage(KM)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sportage(KM)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sportage(KM)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sportage(KM)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sportage(KM)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sportage(KM)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sportage(KM)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sportage(KM)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sportage(KM)	2008	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sportage(KM)	2008	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sportage(KM)	2008	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sportage(KM)	2008	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Version Information	
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve(On)
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay

model	year	area	system	function	subfunction
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Clocked
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	ISC Valve
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,5

model	year	area	system	function	subfunction
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#3,6
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Special Function	Ignition Test
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Special Function	PCSV Valve Test
Sportage(KM)	2008	USA Area	ECM(Engine Control Module)	Special Function	Front Oxygen Short-trip Test
Sportage(KM	2008	USA Area	ETACS	Version	
Sportage(KM	2008	USA Area	ETACS	Read Data	
Sportage(KM	2008	USA Area	ETACS	Actuation Test	Door Lock Relay
Sportage(KM	2008	USA Area	ETACS	Actuation Test	Door Unlock
Sportage(KM)	2008	USA Area	ETACS	Actuation Test	Driver Door Unlock Relay
Sportage(KM)	2008	USA Area	ETACS	Actuation Test	Power Window Relay
Sportage(KM	2008	USA Area	ETACS	Actuation Test	Wiper Relay
Sportage(KM)	2008	USA Area	ETACS	Actuation Test	Hazard Lamp Relay(+RK)
Sportage(KM	2008	USA Area	ETACS	Actuation Test	Burglar Horn
Sportage(KM	2008	USA Area	ETACS	Actuation Test	Starter Inhibit
Sportage(KM)	2008	USA Area	ETACS	Actuation Test	Tail Lamp Relay/DRL Unit
Sportage(KM	2008	USA Area	ETACS	Actuation Test	Rear Wiper Relay
Sportage(KM)	2008	USA Area	ETACS	Actuation Test	Front Deicer&Rear
Sportage(KM)	2008	USA Area	ETACS	Actuation Test	Driver Seat Belt Indicator
Sportage(KM)	2008	USA Area	ETACS	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)

model	year	area	system	function	subfunction
Sportage(KM	2008	USA Area	ETACS	Actuation Test	Chime buzzer
Sportage(KM	2008	USA Area	ETACS	Actuation Test	Room Lamp
Sportage(KM	2008	USA Area	IMMO(Immobilizer)	Read Data	
Sportage(KM)	2008	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sportage(KM	2008	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Sportage(KM	2008	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sportage(KM)	2008	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sportage(KM	2008	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Sportage(KM)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sportage(KM)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sportage(KM)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sportage(KM)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sportage(KM)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	PODS Reset
Sportage(KM)	2008	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Sportage(KM)	2008	USA Area	TCM(Transmission Control Module)	Version Information	
Sportage(KM)	2008	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(KM)	2008	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(KM)	2008	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(KM)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Low/Reverse Solenoid Valve
Sportage(KM)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Under Drive Solenoid Valve
Sportage(KM)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Sportage(KM)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Sportage(KM)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid

model	year	area	system	function	subfunction
Sportage(KM)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Sportage(KM)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Sportage(KM)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sportage(KM)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sportage(KM)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sportage(KM)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Sportage(KM)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Sportage(KM)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Sportage(KM)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Sportage(KM)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Sportage(KM)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Sportage(KM)	2008	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Sportage(KM)	2008	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sportage(KM)	2008	USA Area	TCM(Transmission Control Module)	Special Function	Init of TCU Learning
Sportage(KM)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sportage(KM)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sportage(KM)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sportage(KM)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sportage(KM)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sportage(KM)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sportage(KM)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Sportage(KM)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN

model	year	area	system	function	subfunction
Sportage(KM)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Sportage(KM)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sportage(KM)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sportage(KM)	2008	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sportage(KM	2007	USA Area	4WD Control	Version	
Sportage(KM	2007	USA Area	4WD Control	Read Fault Code	
Sportage(KM	2007	USA Area	4WD Control	Clear Fault	
Sportage(KM	2007	USA Area	4WD Control	Read Data	
Sportage(KM)	2007	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Sportage(KM)	2007	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sportage(KM)	2007	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sportage(KM)	2007	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sportage(KM)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Sportage(KM)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sportage(KM)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sportage(KM)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sportage(KM)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sportage(KM)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sportage(KM)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sportage(KM)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sportage(KM)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sportage(KM)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Sportage(KM)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Sportage(KM)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
Sportage(KM)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front

model	year	area	system	function	subfunction
Sportage(KM)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
Sportage(KM)	2007	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
Sportage(KM)	2007	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sportage(KM	2007	USA Area	AC(Air Conditioning)	Version	
Sportage(KM	2007	USA Area	AC(Air Conditioning)	Read Fault Code	
Sportage(KM	2007	USA Area	AC(Air Conditioning)	Clear Fault	
Sportage(KM	2007	USA Area	AC(Air Conditioning)	Read Data	
Sportage(KM	2007	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sportage(KM	2007	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sportage(KM)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sportage(KM)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sportage(KM)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sportage(KM)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sportage(KM)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sportage(KM)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sportage(KM)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sportage(KM)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sportage(KM)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sportage(KM)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sportage(KM)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sportage(KM)	2007	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sportage(KM)	2007	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sportage(KM)	2007	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sportage(KM)	2007	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Version Information	

model	year	area	system	function	subfunction
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve(On)
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve-Clocked
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-High
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Radiator Cooling Fan-Low
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Actuator
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Intake Oil Control Valve
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5

model	year	area	system	function	subfunction
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	ISC Valve
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,5
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#3,6
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Special Function	Ignition Test
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Special Function	PCSV Valve Test
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Special Function	Front Oxygen Short-trip Test
Sportage(KM)	2007	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Sportage(KM	2007	USA Area	ETACS	Version	
Sportage(KM	2007	USA Area	ETACS	Read Data	
Sportage(KM	2007	USA Area	ETACS	Actuation Test	Door Lock Relay
Sportage(KM	2007	USA Area	ETACS	Actuation Test	Door Unlock
Sportage(KM)	2007	USA Area	ETACS	Actuation Test	Driver Door Unlock Relay
Sportage(KM)	2007	USA Area	ETACS	Actuation Test	Power Window Relay

model	year	area	system	function	subfunction
Sportage(KM	2007	USA Area	ETACS	Actuation Test	Wiper Relay
Sportage(KM)	2007	USA Area	ETACS	Actuation Test	Hazard Lamp Relay(+RK)
Sportage(KM	2007	USA Area	ETACS	Actuation Test	Burglar Horn
Sportage(KM	2007	USA Area	ETACS	Actuation Test	Starter Inhibit
Sportage(KM)	2007	USA Area	ETACS	Actuation Test	Tail Lamp Relay/DRL Unit
Sportage(KM	2007	USA Area	ETACS	Actuation Test	Rear Wiper Relay
Sportage(KM)	2007	USA Area	ETACS	Actuation Test	Front Deicer&Rear
Sportage(KM)	2007	USA Area	ETACS	Actuation Test	Driver Seat Belt Indicator
Sportage(KM)	2007	USA Area	ETACS	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Sportage(KM	2007	USA Area	ETACS	Actuation Test	Chime buzzer
Sportage(KM	2007	USA Area	ETACS	Actuation Test	Room Lamp
Sportage(KM	2007	USA Area	IMMO(Immobilizer)	Read Data	
Sportage(KM)	2007	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sportage(KM	2007	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Sportage(KM	2007	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sportage(KM)	2007	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sportage(KM	2007	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Sportage(KM)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sportage(KM)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sportage(KM)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sportage(KM)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sportage(KM)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	PODS Reset
Sportage(KM)	2007	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Sportage(KM)	2007	USA Area	TCM(Transmission Control Module)	Version Information	

model	year	area	system	function	subfunction
Sportage(KM)	2007	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(KM)	2007	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(KM)	2007	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(KM)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Low/Reverse Solenoid Valve
Sportage(KM)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Under Drive Solenoid Valve
Sportage(KM)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Second Solenoid Valve
Sportage(KM)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Overdrive Solenoid Valve
Sportage(KM)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Sportage(KM)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Sportage(KM)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Sportage(KM)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sportage(KM)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sportage(KM)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sportage(KM)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Sportage(KM)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Sportage(KM)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Sportage(KM)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Sportage(KM)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Sportage(KM)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Sportage(KM)	2007	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Sportage(KM)	2007	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sportage(KM)	2007	USA Area	TCM(Transmission Control Module)	Special Function	Init of TCU Learning

model	year	area	system	function	subfunction
Sportage(KM)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sportage(KM)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sportage(KM)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sportage(KM)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sportage(KM)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sportage(KM)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sportage(KM)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Sportage(KM)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sportage(KM)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Sportage(KM)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sportage(KM)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sportage(KM)	2007	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sportage(KM	2006	USA Area	4WD Control	Version	
Sportage(KM	2006	USA Area	4WD Control	Read Fault Code	
Sportage(KM	2006	USA Area	4WD Control	Clear Fault	
Sportage(KM)	2006	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Sportage(KM)	2006	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sportage(KM)	2006	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sportage(KM)	2006	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sportage(KM)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Sportage(KM)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sportage(KM)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sportage(KM)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sportage(KM)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear

model	year	area	system	function	subfunction
Sportage(KM)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sportage(KM)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sportage(KM)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear
Sportage(KM)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sportage(KM)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Sportage(KM)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Sportage(KM)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
Sportage(KM)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
Sportage(KM)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
Sportage(KM)	2006	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
Sportage(KM)	2006	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sportage(KM	2006	USA Area	AC(Air Conditioning)	Version	
Sportage(KM	2006	USA Area	AC(Air Conditioning)	Read Fault Code	
Sportage(KM	2006	USA Area	AC(Air Conditioning)	Clear Fault	
Sportage(KM	2006	USA Area	AC(Air Conditioning)	Read Data	
Sportage(KM	2006	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sportage(KM	2006	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sportage(KM)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sportage(KM)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sportage(KM)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sportage(KM)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sportage(KM)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sportage(KM)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sportage(KM)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sportage(KM)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sportage(KM)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor

model	year	area	system	function	subfunction
Sportage(KM)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sportage(KM)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sportage(KM)	2006	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sportage(KM)	2006	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sportage(KM)	2006	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sportage(KM)	2006	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Version Information	
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve Permanently On
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Purge Control Solenoid Valve

model	year	area	system	function	subfunction
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control Actuator
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Valve
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	ISC Valve
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,5
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#3,6
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Special Function	Ignition Test
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Special Function	PCSV Valve Test
Sportage(KM)	2006	USA Area	ECM(Engine Control Module)	Special Function	Front Oxygen Short-trip Test
Sportage(KM	2006	USA Area	ETACS	Version	
Sportage(KM	2006	USA Area	ETACS	Read Data	

model	year	area	system	function	subfunction
Sportage(KM	2006	USA Area	ETACS	Actuation Test	Door Lock Relay
Sportage(KM	2006	USA Area	ETACS	Actuation Test	Door Unlock
Sportage(KM)	2006	USA Area	ETACS	Actuation Test	Driver Door Unlock Relay
Sportage(KM)	2006	USA Area	ETACS	Actuation Test	Power Window Relay
Sportage(KM	2006	USA Area	ETACS	Actuation Test	Wiper Relay
Sportage(KM)	2006	USA Area	ETACS	Actuation Test	Hazard Lamp Relay(+RK)
Sportage(KM	2006	USA Area	ETACS	Actuation Test	Burglar Horn
Sportage(KM	2006	USA Area	ETACS	Actuation Test	Starter Inhibit
Sportage(KM)	2006	USA Area	ETACS	Actuation Test	Tail Lamp Relay/DRL Unit
Sportage(KM	2006	USA Area	ETACS	Actuation Test	Rear Wiper Relay
Sportage(KM)	2006	USA Area	ETACS	Actuation Test	Front Deicer&Rear
Sportage(KM)	2006	USA Area	ETACS	Actuation Test	Driver Seat Belt Indicator
Sportage(KM)	2006	USA Area	ETACS	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Sportage(KM	2006	USA Area	ETACS	Actuation Test	Chime buzzer
Sportage(KM	2006	USA Area	ETACS	Actuation Test	Room Lamp
Sportage(KM	2006	USA Area	IMMO(Immobilizer)	Read Fault Code	
Sportage(KM	2006	USA Area	IMMO(Immobilizer)	Clear Fault	
Sportage(KM	2006	USA Area	IMMO(Immobilizer)	Read Data	
Sportage(KM)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sportage(KM)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sportage(KM)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sportage(KM)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sportage(KM)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	PODS Reset
Sportage(KM)	2006	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Sportage(KM)	2006	USA Area	TCM(Transmission Control Module)	Version Information	

model	year	area	system	function	subfunction
Sportage(KM)	2006	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(KM)	2006	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(KM)	2006	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(KM)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Sportage(KM)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sportage(KM)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sportage(KM)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sportage(KM)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Sportage(KM)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Sportage(KM)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Sportage(KM)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Sportage(KM)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Sportage(KM)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Sportage(KM)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Sportage(KM)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Sportage(KM)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Sportage(KM)	2006	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Sportage(KM)	2006	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sportage(KM)	2006	USA Area	TCM(Transmission Control Module)	Special Function	Init of TCU Learning
Sportage(KM)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sportage(KM)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sportage(KM)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Sportage(KM)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sportage(KM)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sportage(KM)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sportage(KM)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Sportage(KM)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sportage(KM)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Sportage(KM)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sportage(KM)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sportage(KM)	2006	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sportage(KM	2005	USA Area	4WD Control	Version	
Sportage(KM	2005	USA Area	4WD Control	Read Fault Code	
Sportage(KM	2005	USA Area	4WD Control	Clear Fault	
Sportage(KM)	2005	USA Area	ABS(Anti-Lock Brake System)	Version Information	
Sportage(KM)	2005	USA Area	ABS(Anti-Lock Brake System)	Read Fault Code	
Sportage(KM)	2005	USA Area	ABS(Anti-Lock Brake System)	Clear Fault Memory	
Sportage(KM)	2005	USA Area	ABS(Anti-Lock Brake System)	Read Data Stream	
Sportage(KM)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Motor
Sportage(KM)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Front
Sportage(KM)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Front
Sportage(KM)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Left Rear
Sportage(KM)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Inlet Valve-Right Rear
Sportage(KM)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Front
Sportage(KM)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Front
Sportage(KM)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Left Rear

model	year	area	system	function	subfunction
Sportage(KM)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	Outlet Valve-Right Rear
Sportage(KM)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Left Front
Sportage(KM)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	TCS Valve-Right Front
Sportage(KM)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Left Front
Sportage(KM)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ASV Valve-Right Front
Sportage(KM)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Left
Sportage(KM)	2005	USA Area	ABS(Anti-Lock Brake System)	Actuation Test	ESV Valve-Front Right
Sportage(KM)	2005	USA Area	ABS(Anti-Lock Brake System)	Special Function	HCU Air Bleeding Mode
Sportage(KM	2005	USA Area	AC(Air Conditioning)	Version	
Sportage(KM	2005	USA Area	AC(Air Conditioning)	Read Fault Code	
Sportage(KM	2005	USA Area	AC(Air Conditioning)	Clear Fault	
Sportage(KM	2005	USA Area	AC(Air Conditioning)	Read Data	
Sportage(KM	2005	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sportage(KM	2005	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sportage(KM)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sportage(KM)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sportage(KM)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sportage(KM)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sportage(KM)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sportage(KM)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sportage(KM)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sportage(KM)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sportage(KM)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sportage(KM)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sportage(KM)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh

model	year	area	system	function	subfunction
Sportage(KM)	2005	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sportage(KM)	2005	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sportage(KM)	2005	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sportage(KM)	2005	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Version Information	
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Close Valve Permanently On
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-High
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan Relay-Low
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Purge Control Solenoid Valve
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Idle Speed Control Actuator
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	CVVT Valve

model	year	area	system	function	subfunction
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#1,4
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,3
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 5
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 6
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Evaporate Purge Control Solenoid Valve
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	ISC Valve
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#2,5
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil-#3,6
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Special Function	Idle RPM Control Test(ISC Type
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Special Function	Ignition Test
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Special Function	Monitoring Test Results
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Special Function	DTC Back-up Mode
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Special Function	PCSV Valve Test
Sportage(KM)	2005	USA Area	ECM(Engine Control Module)	Special Function	Front Oxygen Short-trip Test
Sportage(KM	2005	USA Area	ETACS	Version	
Sportage(KM	2005	USA Area	ETACS	Read Data	
Sportage(KM	2005	USA Area	ETACS	Actuation Test	Door Lock Relay
Sportage(KM	2005	USA Area	ETACS	Actuation Test	Door Unlock
Sportage(KM)	2005	USA Area	ETACS	Actuation Test	Driver Door Unlock Relay

model	year	area	system	function	subfunction
Sportage(KM)	2005	USA Area	ETACS	Actuation Test	Power Window Relay
Sportage(KM	2005	USA Area	ETACS	Actuation Test	Wiper Relay
Sportage(KM)	2005	USA Area	ETACS	Actuation Test	Hazard Lamp Relay(+RK)
Sportage(KM	2005	USA Area	ETACS	Actuation Test	Burglar Horn
Sportage(KM	2005	USA Area	ETACS	Actuation Test	Starter Inhibit
Sportage(KM)	2005	USA Area	ETACS	Actuation Test	Tail Lamp Relay/DRL Unit
Sportage(KM	2005	USA Area	ETACS	Actuation Test	Rear Wiper Relay
Sportage(KM)	2005	USA Area	ETACS	Actuation Test	Front Deicer&Rear
Sportage(KM)	2005	USA Area	ETACS	Actuation Test	Driver Seat Belt Indicator
Sportage(KM)	2005	USA Area	ETACS	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Sportage(KM	2005	USA Area	ETACS	Actuation Test	Chime buzzer
Sportage(KM	2005	USA Area	ETACS	Actuation Test	Room Lamp
Sportage(KM	2005	USA Area	IMMO(Immobilizer)	Read Fault Code	
Sportage(KM	2005	USA Area	IMMO(Immobilizer)	Clear Fault	
Sportage(KM	2005	USA Area	IMMO(Immobilizer)	Read Data	
Sportage(KM)	2005	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sportage(KM)	2005	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sportage(KM)	2005	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sportage(KM)	2005	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sportage(KM)	2005	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	PODS Reset
Sportage(KM)	2005	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	Pass.Airbag Realtime Info.
Sportage(KM)	2005	USA Area	TCM(Transmission Control Module)	Version Information	
Sportage(KM)	2005	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(KM)	2005	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	

model	year	area	system	function	subfunction
Sportage(KM)	2005	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(KM)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-LR
Sportage(KM)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sportage(KM)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sportage(KM)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve-
Sportage(KM)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid
Sportage(KM)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	A/T Control Relay
Sportage(KM)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	Intelligent Shift Prohibit
Sportage(KM)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	RED Solenoid Valve(5A/T ONLY)
Sportage(KM)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Convert Clutch Control Solenoid Valve
Sportage(KM)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	1st Shift Indicator Lamp
Sportage(KM)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	2nd Shift Indicator Lamp
Sportage(KM)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	3rd Shift Indicator Lamp
Sportage(KM)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	4th Shift Indicator Lamp
Sportage(KM)	2005	USA Area	TCM(Transmission Control Module)	Actuation Test	5th Shift Indicator Lamp(Only 5AT)
Sportage(KM)	2005	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sportage(KM)	2005	USA Area	TCM(Transmission Control Module)	Special Function	Init of TCU Learning
Sportage(KM)	2005	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sportage(KM)	2005	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sportage(KM)	2005	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sportage(KM)	2005	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sportage(KM)	2005	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp

model	year	area	system	function	subfunction
Sportage(KM)	2005	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sportage(KM)	2005	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	All Lamps
Sportage(KM)	2005	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sportage(KM)	2005	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Sportage(KM)	2005	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sportage(KM)	2005	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sportage(KM)	2005	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sportage(SL)	2016	USA Area	4WD Control	Version	
Sportage(SL)	2016	USA Area	4WD Control	Read Fault Code	
Sportage(SL)	2016	USA Area	4WD Control	Clear Fault	
Sportage(SL)	2016	USA Area	4WD Control	Read Data	
Sportage(SL)	2016	USA Area	4WD Control	Actuation Test	Torque Coupling Control
Sportage(SL)	2016	USA Area	4WD Control	Actuation Test	AWD/LOCK Mode Select
Sportage(SL)	2016	USA Area	4WD Control	Actuation Test	4WD Lamp
Sportage(SL)	2016	USA Area	4WD Control	Special Function	Clutch Learning Reset
Sportage(SL)	2016	USA Area	4WD Control	Special Function	Clutch Learning Read
Sportage(SL)	2016	USA Area	4WD Control	Special Function	Clutch Learning Write
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Version	
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Read Fault Code	
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Clear Fault	
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Read Data	
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%

model	year	area	system	function	subfunction
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Vent
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Floor
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defog
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-VENT-0%
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-TEMP-50%
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%

model	year	area	system	function	subfunction
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Sportage(SL)	2016	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Sportage(SL)	2016	USA Area	BCM(Body Control Module)	Version Information	
Sportage(SL)	2016	USA Area	BCM(Body Control Module)	Read Fault Code	
Sportage(SL)	2016	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Sportage(SL)	2016	USA Area	BCM(Body Control Module)	Read Data Stream	
Sportage(SL)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Sportage(SL)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Sportage(SL)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Sportage(SL)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Sportage(SL)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Sportage(SL)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Sportage(SL)	2016	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sportage(SL)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sportage(SL)	2016	USA Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Sportage(SL)	2016	USA Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Sportage(SL)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Sportage(SL)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Sportage(SL)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Relay
Sportage(SL)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Sportage(SL)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Sportage(SL)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp

model	year	area	system	function	subfunction
Sportage(SL)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Sportage(SL)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Reverse Lamp Relay
Sportage(SL)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Sportage(SL)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Sportage(SL)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Sportage(SL)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Sportage(SL)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Sportage(SL)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Sportage(SL)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Sportage(SL)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sportage(SL)	2016	USA Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Sportage(SL)	2016	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sportage(SL)	2016	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Version Information	
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)

model	year	area	system	function	subfunction
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front

model	year	area	system	function	subfunction
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Waste Gate Valve(Turbo Only)
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Special Function	CVVT Test
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sportage(SL)	2016	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sportage(SL)	2016	USA Area	ESC(Electronic Stability Control)	Version Information	

model	year	area	system	function	subfunction
Sportage(SL)	2016	USA Area	ESC(Electronic Stability Control)	Read Fault Code	
Sportage(SL)	2016	USA Area	ESC(Electronic Stability Control)	Clear Fault Memory	
Sportage(SL)	2016	USA Area	ESC(Electronic Stability Control)	Read Data Stream	
Sportage(SL)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Motor
Sportage(SL)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Inlet Valve-Left Front
Sportage(SL)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Inlet Valve-Right Front
Sportage(SL)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Inlet Valve-Left Rear
Sportage(SL)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Inlet Valve-Right Rear
Sportage(SL)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Outlet Valve-Left Front
Sportage(SL)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Outlet Valve-Right Front
Sportage(SL)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Outlet Valve-Left Rear
Sportage(SL)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Outlet Valve-Right Rear
Sportage(SL)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	TCS Valve-Left Front
Sportage(SL)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	TCS Valve-Right Front
Sportage(SL)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Reservoir Cut Valve(PRCV)
Sportage(SL)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Reservoir Cut Valve(SRCV)
Sportage(SL)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Electric Shuttle Valve-Right Front
Sportage(SL)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	Electric Shuttle Valve-Left Front
Sportage(SL)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Sportage(SL)	2016	USA Area	ESC(Electronic Stability Control)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Sportage(SL)	2016	USA Area	ESC(Electronic Stability Control)	Special Function	SAS Calibration(CAN-ESP Only)

model	year	area	system	function	subfunction
Sportage(SL)	2016	USA Area	ESC(Electronic Stability Control)	Special Function	HCU Air Bleeding Mode
Sportage(SL)	2016	USA Area	ESC(Electronic Stability Control)	Special Function	Variant Coding
Sportage(SL)	2016	USA Area	ESC(Electronic Stability Control)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Sportage(SL)	2016	USA Area	ESC(Electronic Stability Control)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Sportage(SL)	2016	USA Area	IMMO(Immobilizer)	Read Data	
Sportage(SL)	2016	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sportage(SL)	2016	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Sportage(SL)	2016	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sportage(SL)	2016	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sportage(SL)	2016	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Sportage(SL)	2016	USA Area	Power Steering	Version	
Sportage(SL)	2016	USA Area	Power Steering	Read Fault Code	
Sportage(SL)	2016	USA Area	Power Steering	Clear Fault	
Sportage(SL)	2016	USA Area	Power Steering	Read Data	
Sportage(SL)	2016	USA Area	Power Steering	Special Function	EPS Type Recognition
Sportage(SL)	2016	USA Area	Power Steering	Special Function	ASP Calibration(CAN)
Sportage(SL)	2016	USA Area	Smart Key Unit	Version	
Sportage(SL)	2016	USA Area	Smart Key Unit	Read Fault Code	
Sportage(SL)	2016	USA Area	Smart Key Unit	Clear Fault	
Sportage(SL)	2016	USA Area	Smart Key Unit	Read Data	
Sportage(SL)	2016	USA Area	Smart Key Unit	Actuation Test	SSB Illumination
Sportage(SL)	2016	USA Area	Smart Key Unit	Actuation Test	SSB LED Amber
Sportage(SL)	2016	USA Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Sportage(SL)	2016	USA Area	Smart Key Unit	Actuation Test	SSB LED White
Sportage(SL)	2016	USA Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Sportage(SL)	2016	USA Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Sportage(SL)	2016	USA Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Sportage(SL)	2016	USA Area	Smart Key Unit	Actuation Test	ACC Relay
Sportage(SL)	2016	USA Area	Smart Key Unit	Actuation Test	IGN1 Relay
Sportage(SL)	2016	USA Area	Smart Key Unit	Actuation Test	IGN2 Relay
Sportage(SL)	2016	USA Area	Smart Key Unit	Actuation Test	Starter Relay

model	year	area	system	function	subfunction
Sportage(SL)	2016	USA Area	Smart Key Unit	Actuation Test	External Buzzer
Sportage(SL)	2016	USA Area	Smart Key Unit	Actuation Test	Key Out Indicator
Sportage(SL)	2016	USA Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Sportage(SL)	2016	USA Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Sportage(SL)	2016	USA Area	Smart Key Unit	Actuation Test	SSB LED OFF
Sportage(SL)	2016	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2016	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2016	USA Area	Smart Key Unit	Actuation Test	Trunk Antenna
Sportage(SL)	2016	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2016	USA Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Sportage(SL)	2016	USA Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Sportage(SL)	2016	USA Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Sportage(SL)	2016	USA Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Sportage(SL)	2016	USA Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Sportage(SL)	2016	USA Area	Smart Key Unit	Special Function	Smart Key Code Saving
Sportage(SL)	2016	USA Area	Smart Key Unit	Special Function	Neutralization Mode
Sportage(SL)	2016	USA Area	Smart Key Unit	Special Function	SMK Status Information
Sportage(SL)	2016	USA Area	Smart Key Unit	Special Function	FOB KEY Status Information
Sportage(SL)	2016	USA Area	Smart Key Unit	Special Function	Current FOB Key Check
Sportage(SL)	2016	USA Area	Smart Key Unit	Special Function	Antenna Status Check
Sportage(SL)	2016	USA Area	Smart Key Unit	Special Function	Serial Communication Line Check
Sportage(SL)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sportage(SL)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sportage(SL)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	

model	year	area	system	function	subfunction
Sportage(SL)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sportage(SL)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Sportage(SL)	2016	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	PODS Reset
Sportage(SL)	2016	USA Area	TCM(Transmission Control Module)	Version Information	
Sportage(SL)	2016	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(SL)	2016	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(SL)	2016	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(SL)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sportage(SL)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sportage(SL)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sportage(SL)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sportage(SL)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sportage(SL)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sportage(SL)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sportage(SL)	2016	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sportage(SL)	2016	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sportage(SL)	2016	USA Area	Telematics Unit	Version	
Sportage(SL)	2016	USA Area	Telematics Unit	Read Fault Code	

model	year	area	system	function	subfunction
Sportage(SL)	2016	USA Area	Telematics Unit	Clear Fault	
Sportage(SL)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sportage(SL)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sportage(SL)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sportage(SL)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sportage(SL)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sportage(SL)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sportage(SL)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Sportage(SL)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sportage(SL)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sportage(SL)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sportage(SL)	2016	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sportage(SL)	2015	USA Area	4WD Control	Version	
Sportage(SL)	2015	USA Area	4WD Control	Read Fault Code	
Sportage(SL)	2015	USA Area	4WD Control	Clear Fault	
Sportage(SL)	2015	USA Area	4WD Control	Read Data	
Sportage(SL)	2015	USA Area	4WD Control	Actuation Test	Torque Coupling Control
Sportage(SL)	2015	USA Area	4WD Control	Actuation Test	AWD/LOCK Mode Select
Sportage(SL)	2015	USA Area	4WD Control	Actuation Test	4WD Lamp
Sportage(SL)	2015	USA Area	4WD Control	Special Function	Clutch Learning Reset
Sportage(SL)	2015	USA Area	4WD Control	Special Function	Clutch Learning Read
Sportage(SL)	2015	USA Area	4WD Control	Special Function	Clutch Learning Write
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Version	
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Read Fault Code	
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Clear Fault	
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Read Data	
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off

model	year	area	system	function	subfunction
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Vent
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Floor
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defog
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-VENT-0%
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%

model	year	area	system	function	subfunction
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-TEMP-50%
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Sportage(SL)	2015	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Sportage(SL)	2015	USA Area	BCM(Body Control Module)	Version Information	
Sportage(SL)	2015	USA Area	BCM(Body Control Module)	Read Fault Code	
Sportage(SL)	2015	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Sportage(SL)	2015	USA Area	BCM(Body Control Module)	Read Data Stream	
Sportage(SL)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Sportage(SL)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Sportage(SL)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Sportage(SL)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Sportage(SL)	2015	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sportage(SL)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Reverse Lamp Relay
Sportage(SL)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Sportage(SL)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Sportage(SL)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Sportage(SL)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Sportage(SL)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Sportage(SL)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Sportage(SL)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay

model	year	area	system	function	subfunction
Sportage(SL)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sportage(SL)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Sportage(SL)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Sportage(SL)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Sportage(SL)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Sportage(SL)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Sportage(SL)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Sportage(SL)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Sportage(SL)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sportage(SL)	2015	USA Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Sportage(SL)	2015	USA Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Sportage(SL)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Sportage(SL)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Sportage(SL)	2015	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Relay
Sportage(SL)	2015	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sportage(SL)	2015	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Version Information	
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2

model	year	area	system	function	subfunction
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3

model	year	area	system	function	subfunction
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Waste Gate Valve(Turbo Only)
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Special Function	CVVT Test

model	year	area	system	function	subfunction
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sportage(SL)	2015	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sportage(SL)	2015	USA Area	ESP(Electronic Stability Program)	Version Information	
Sportage(SL)	2015	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Sportage(SL)	2015	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sportage(SL)	2015	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Sportage(SL)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Sportage(SL)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Sportage(SL)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sportage(SL)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sportage(SL)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Sportage(SL)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sportage(SL)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Sportage(SL)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sportage(SL)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sportage(SL)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Sportage(SL)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Sportage(SL)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Sportage(SL)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Sportage(SL)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Sportage(SL)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front

model	year	area	system	function	subfunction
Sportage(SL)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Sportage(SL)	2015	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Sportage(SL)	2015	USA Area	ESP(Electronic Stability Program)	Special Function	SAS Calibration(CAN-ESP Only)
Sportage(SL)	2015	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sportage(SL)	2015	USA Area	ESP(Electronic Stability Program)	Special Function	Variant Coding
Sportage(SL)	2015	USA Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Sportage(SL)	2015	USA Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Sportage(SL)	2015	USA Area	IMMO(Immobilizer)	Read Data	
Sportage(SL)	2015	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sportage(SL)	2015	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Sportage(SL)	2015	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sportage(SL)	2015	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sportage(SL)	2015	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Sportage(SL)	2015	USA Area	Power Steering	Version	
Sportage(SL)	2015	USA Area	Power Steering	Read Fault Code	
Sportage(SL)	2015	USA Area	Power Steering	Clear Fault	
Sportage(SL)	2015	USA Area	Power Steering	Read Data	
Sportage(SL)	2015	USA Area	Power Steering	Special Function	EPS Type Recognition
Sportage(SL)	2015	USA Area	Power Steering	Special Function	ASP Calibration(CAN)
Sportage(SL)	2015	USA Area	Smart Key Unit	Version	
Sportage(SL)	2015	USA Area	Smart Key Unit	Read Fault Code	
Sportage(SL)	2015	USA Area	Smart Key Unit	Clear Fault	
Sportage(SL)	2015	USA Area	Smart Key Unit	Read Data	
Sportage(SL)	2015	USA Area	Smart Key Unit	Actuation Test	SSB Illumination
Sportage(SL)	2015	USA Area	Smart Key Unit	Actuation Test	SSB LED Amber
Sportage(SL)	2015	USA Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Sportage(SL)	2015	USA Area	Smart Key Unit	Actuation Test	SSB LED White

model	year	area	system	function	subfunction
Sportage(SL)	2015	USA Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Sportage(SL)	2015	USA Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Sportage(SL)	2015	USA Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Sportage(SL)	2015	USA Area	Smart Key Unit	Actuation Test	ACC Relay
Sportage(SL)	2015	USA Area	Smart Key Unit	Actuation Test	IGN1 Relay
Sportage(SL)	2015	USA Area	Smart Key Unit	Actuation Test	IGN2 Relay
Sportage(SL)	2015	USA Area	Smart Key Unit	Actuation Test	Starter Relay
Sportage(SL)	2015	USA Area	Smart Key Unit	Actuation Test	External Buzzer
Sportage(SL)	2015	USA Area	Smart Key Unit	Actuation Test	Key Out Indicator
Sportage(SL)	2015	USA Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Sportage(SL)	2015	USA Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Sportage(SL)	2015	USA Area	Smart Key Unit	Actuation Test	SSB LED OFF
Sportage(SL)	2015	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2015	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2015	USA Area	Smart Key Unit	Actuation Test	Trunk Antenna
Sportage(SL)	2015	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2015	USA Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Sportage(SL)	2015	USA Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Sportage(SL)	2015	USA Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Sportage(SL)	2015	USA Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Sportage(SL)	2015	USA Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Sportage(SL)	2015	USA Area	Smart Key Unit	Special Function	Smart Key Code Saving
Sportage(SL)	2015	USA Area	Smart Key Unit	Special Function	Neutralization Mode
Sportage(SL)	2015	USA Area	Smart Key Unit	Special Function	SMK Status Information
Sportage(SL)	2015	USA Area	Smart Key Unit	Special Function	FOB KEY Status Information
Sportage(SL)	2015	USA Area	Smart Key Unit	Special Function	Current FOB Key Check
Sportage(SL)	2015	USA Area	Smart Key Unit	Special Function	Antenna Status Check
Sportage(SL)	2015	USA Area	Smart Key Unit	Special Function	Serial Communication Line Check

model	year	area	system	function	subfunction
Sportage(SL)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sportage(SL)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sportage(SL)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sportage(SL)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sportage(SL)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Sportage(SL)	2015	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	PODS Reset
Sportage(SL)	2015	USA Area	TCM(Transmission Control Module)	Version Information	
Sportage(SL)	2015	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(SL)	2015	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(SL)	2015	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(SL)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sportage(SL)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sportage(SL)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sportage(SL)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sportage(SL)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sportage(SL)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)

model	year	area	system	function	subfunction
Sportage(SL)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sportage(SL)	2015	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sportage(SL)	2015	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sportage(SL)	2015	USA Area	Telematics Unit	Version	
Sportage(SL)	2015	USA Area	Telematics Unit	Read Fault Code	
Sportage(SL)	2015	USA Area	Telematics Unit	Clear Fault	
Sportage(SL)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sportage(SL)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sportage(SL)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sportage(SL)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sportage(SL)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sportage(SL)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sportage(SL)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Sportage(SL)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sportage(SL)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sportage(SL)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sportage(SL)	2015	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sportage(SL)	2014	USA Area	4WD Control	Version	
Sportage(SL)	2014	USA Area	4WD Control	Read Fault Code	
Sportage(SL)	2014	USA Area	4WD Control	Clear Fault	
Sportage(SL)	2014	USA Area	4WD Control	Read Data	
Sportage(SL)	2014	USA Area	4WD Control	Actuation Test	Torque Coupling Control
Sportage(SL)	2014	USA Area	4WD Control	Actuation Test	AWD/LOCK Mode Select
Sportage(SL)	2014	USA Area	4WD Control	Actuation Test	4WD Lamp
Sportage(SL)	2014	USA Area	4WD Control	Special Function	Clutch Learning Reset
Sportage(SL)	2014	USA Area	4WD Control	Special Function	Clutch Learning Read

model	year	area	system	function	subfunction
Sportage(SL)	2014	USA Area	4WD Control	Special Function	Clutch Learning Write
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Version	
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Read Fault Code	
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Clear Fault	
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Read Data	
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Vent
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Floor
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Mode Door-Defog
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation

model	year	area	system	function	subfunction
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-VENT-0%
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-TEMP-50%
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Sportage(SL)	2014	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Sportage(SL)	2014	USA Area	BCM(Body Control Module)	Version Information	
Sportage(SL)	2014	USA Area	BCM(Body Control Module)	Read Fault Code	
Sportage(SL)	2014	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Sportage(SL)	2014	USA Area	BCM(Body Control Module)	Read Data Stream	
Sportage(SL)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Sportage(SL)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Sportage(SL)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Sportage(SL)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Sportage(SL)	2014	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sportage(SL)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Reverse Lamp Relay
Sportage(SL)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Sportage(SL)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay

model	year	area	system	function	subfunction
Sportage(SL)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Sportage(SL)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Sportage(SL)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Sportage(SL)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Sportage(SL)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Sportage(SL)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sportage(SL)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Sportage(SL)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Sportage(SL)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Sportage(SL)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Sportage(SL)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Sportage(SL)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Sportage(SL)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Sportage(SL)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sportage(SL)	2014	USA Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Sportage(SL)	2014	USA Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Sportage(SL)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Sportage(SL)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Sportage(SL)	2014	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Relay
Sportage(SL)	2014	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sportage(SL)	2014	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Version Information	

model	year	area	system	function	subfunction
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Waste Gate Valve(Turbo Only)
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values

model	year	area	system	function	subfunction
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Special Function	CVVT Test
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sportage(SL)	2014	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sportage(SL)	2014	USA Area	ESP(Electronic Stability Program)	Version Information	
Sportage(SL)	2014	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Sportage(SL)	2014	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sportage(SL)	2014	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Sportage(SL)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Sportage(SL)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Sportage(SL)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sportage(SL)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sportage(SL)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Sportage(SL)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sportage(SL)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Sportage(SL)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sportage(SL)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sportage(SL)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Sportage(SL)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front

model	year	area	system	function	subfunction
Sportage(SL)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Sportage(SL)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Sportage(SL)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Sportage(SL)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Sportage(SL)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Sportage(SL)	2014	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Sportage(SL)	2014	USA Area	ESP(Electronic Stability Program)	Special Function	SAS Calibration(CAN-ESP Only)
Sportage(SL)	2014	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sportage(SL)	2014	USA Area	ESP(Electronic Stability Program)	Special Function	Variant Coding
Sportage(SL)	2014	USA Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Sportage(SL)	2014	USA Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor Calibration(HAC/DBC Only)
Sportage(SL)	2014	USA Area	IMMO(Immobilizer)	Read Data	
Sportage(SL)	2014	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sportage(SL)	2014	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Sportage(SL)	2014	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sportage(SL)	2014	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sportage(SL)	2014	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Sportage(SL)	2014	USA Area	Power Steering	Version	
Sportage(SL)	2014	USA Area	Power Steering	Read Fault Code	
Sportage(SL)	2014	USA Area	Power Steering	Clear Fault	
Sportage(SL)	2014	USA Area	Power Steering	Read Data	
Sportage(SL)	2014	USA Area	Power Steering	Special Function	EPS Type Recognition
Sportage(SL)	2014	USA Area	Power Steering	Special Function	ASP Calibration(CAN)
Sportage(SL)	2014	USA Area	Smart Key Unit	Version	

model	year	area	system	function	subfunction
Sportage(SL)	2014	USA Area	Smart Key Unit	Read Fault Code	
Sportage(SL)	2014	USA Area	Smart Key Unit	Clear Fault	
Sportage(SL)	2014	USA Area	Smart Key Unit	Read Data	
Sportage(SL)	2014	USA Area	Smart Key Unit	Actuation Test	SSB Illumination
Sportage(SL)	2014	USA Area	Smart Key Unit	Actuation Test	SSB LED Amber
Sportage(SL)	2014	USA Area	Smart Key Unit	Actuation Test	SSB LED Blue/Red
Sportage(SL)	2014	USA Area	Smart Key Unit	Actuation Test	SSB LED White
Sportage(SL)	2014	USA Area	Smart Key Unit	Actuation Test	ESCL Enable(ESCL only)
Sportage(SL)	2014	USA Area	Smart Key Unit	Actuation Test	ESCL Ground Output
Sportage(SL)	2014	USA Area	Smart Key Unit	Actuation Test	ESCL Battery Output
Sportage(SL)	2014	USA Area	Smart Key Unit	Actuation Test	ACC Relay
Sportage(SL)	2014	USA Area	Smart Key Unit	Actuation Test	IGN1 Relay
Sportage(SL)	2014	USA Area	Smart Key Unit	Actuation Test	IGN2 Relay
Sportage(SL)	2014	USA Area	Smart Key Unit	Actuation Test	Starter Relay
Sportage(SL)	2014	USA Area	Smart Key Unit	Actuation Test	External Buzzer
Sportage(SL)	2014	USA Area	Smart Key Unit	Actuation Test	Key Out Indicator
Sportage(SL)	2014	USA Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Sportage(SL)	2014	USA Area	Smart Key Unit	Actuation Test	FOB Battery Indicator
Sportage(SL)	2014	USA Area	Smart Key Unit	Actuation Test	SSB LED OFF
Sportage(SL)	2014	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2014	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2014	USA Area	Smart Key Unit	Actuation Test	Trunk Antenna
Sportage(SL)	2014	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2014	USA Area	Smart Key Unit	Actuation Test	Bumper Antenna Active
Sportage(SL)	2014	USA Area	Smart Key Unit	Actuation Test	Activate Driver Side Antenna
Sportage(SL)	2014	USA Area	Smart Key Unit	Actuation Test	Activate Assist Side Antenna
Sportage(SL)	2014	USA Area	Smart Key Unit	Actuation Test	Immobilizer Antenna
Sportage(SL)	2014	USA Area	Smart Key Unit	Actuation Test	Activate Hat Shelf Antenna
Sportage(SL)	2014	USA Area	Smart Key Unit	Special Function	Smart Key Code Saving
Sportage(SL)	2014	USA Area	Smart Key Unit	Special Function	Neutralization Mode
Sportage(SL)	2014	USA Area	Smart Key Unit	Special Function	SMK Status Information
Sportage(SL)	2014	USA Area	Smart Key Unit	Special Function	FOB KEY Status Information

model	year	area	system	function	subfunction
Sportage(SL)	2014	USA Area	Smart Key Unit	Special Function	Current FOB Key Check
Sportage(SL)	2014	USA Area	Smart Key Unit	Special Function	Antenna Status Check
Sportage(SL)	2014	USA Area	Smart Key Unit	Special Function	Serial Communication Line Check
Sportage(SL)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sportage(SL)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sportage(SL)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sportage(SL)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sportage(SL)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Sportage(SL)	2014	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	PODS Reset
Sportage(SL)	2014	USA Area	TCM(Transmission Control Module)	Version Information	
Sportage(SL)	2014	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(SL)	2014	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(SL)	2014	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(SL)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sportage(SL)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sportage(SL)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sportage(SL)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)

model	year	area	system	function	subfunction
Sportage(SL)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sportage(SL)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sportage(SL)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sportage(SL)	2014	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sportage(SL)	2014	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sportage(SL)	2014	USA Area	Telematics Unit	Version	
Sportage(SL)	2014	USA Area	Telematics Unit	Read Fault Code	
Sportage(SL)	2014	USA Area	Telematics Unit	Clear Fault	
Sportage(SL)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sportage(SL)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sportage(SL)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sportage(SL)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sportage(SL)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sportage(SL)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sportage(SL)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Sportage(SL)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sportage(SL)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sportage(SL)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sportage(SL)	2014	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sportage(SL)	2013	USA Area	4WD Control	Version	
Sportage(SL)	2013	USA Area	4WD Control	Read Fault Code	
Sportage(SL)	2013	USA Area	4WD Control	Clear Fault	
Sportage(SL)	2013	USA Area	4WD Control	Read Data	
Sportage(SL)	2013	USA Area	4WD Control	Actuation Test	Torque Coupling Control

model	year	area	system	function	subfunction
Sportage(SL)	2013	USA Area	4WD Control	Actuation Test	AWD/LOCK Mode Select
Sportage(SL)	2013	USA Area	4WD Control	Actuation Test	4WD Lamp
Sportage(SL)	2013	USA Area	4WD Control	Special Function	Clutch Learning Reset
Sportage(SL)	2013	USA Area	4WD Control	Special Function	Clutch Learning Read
Sportage(SL)	2013	USA Area	4WD Control	Special Function	Clutch Learning Write
Sportage(SL)	2013	USA Area	AC(Air Conditioning)	Version	
Sportage(SL)	2013	USA Area	AC(Air Conditioning)	Read Fault Code	
Sportage(SL)	2013	USA Area	AC(Air Conditioning)	Clear Fault	
Sportage(SL)	2013	USA Area	AC(Air Conditioning)	Read Data	
Sportage(SL)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sportage(SL)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sportage(SL)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sportage(SL)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sportage(SL)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sportage(SL)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sportage(SL)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sportage(SL)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sportage(SL)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sportage(SL)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sportage(SL)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sportage(SL)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sportage(SL)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sportage(SL)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sportage(SL)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sportage(SL)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sportage(SL)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation

model	year	area	system	function	subfunction
Sportage(SL)	2013	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sportage(SL)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-VENT-0%
Sportage(SL)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
Sportage(SL)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
Sportage(SL)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
Sportage(SL)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-TEMP-50%
Sportage(SL)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
Sportage(SL)	2013	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Sportage(SL)	2013	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Sportage(SL)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Sportage(SL)	2013	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Sportage(SL)	2013	USA Area	BCM(Body Control Module)	Version Information	
Sportage(SL)	2013	USA Area	BCM(Body Control Module)	Read Fault Code	
Sportage(SL)	2013	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Sportage(SL)	2013	USA Area	BCM(Body Control Module)	Read Data Stream	
Sportage(SL)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Sportage(SL)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Sportage(SL)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Sportage(SL)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Sportage(SL)	2013	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sportage(SL)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Reverse Lamp Relay
Sportage(SL)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Sportage(SL)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay

model	year	area	system	function	subfunction
Sportage(SL)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Sportage(SL)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Sportage(SL)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Sportage(SL)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Sportage(SL)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Sportage(SL)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sportage(SL)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Sportage(SL)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Sportage(SL)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Sportage(SL)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Sportage(SL)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Sportage(SL)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Sportage(SL)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Sportage(SL)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sportage(SL)	2013	USA Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Sportage(SL)	2013	USA Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Sportage(SL)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Sportage(SL)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Sportage(SL)	2013	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Relay
Sportage(SL)	2013	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sportage(SL)	2013	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Version Information	

model	year	area	system	function	subfunction
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-

model	year	area	system	function	subfunction
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Waste Gate Valve(Turbo Only)
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values

model	year	area	system	function	subfunction
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Special Function	CVVT Test
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sportage(SL)	2013	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sportage(SL)	2013	USA Area	ESP(Electronic Stability Program)	Version Information	
Sportage(SL)	2013	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Sportage(SL)	2013	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sportage(SL)	2013	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Sportage(SL)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Sportage(SL)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Sportage(SL)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sportage(SL)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sportage(SL)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Sportage(SL)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sportage(SL)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Sportage(SL)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sportage(SL)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sportage(SL)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Sportage(SL)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front

model	year	area	system	function	subfunction
Sportage(SL)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Sportage(SL)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Sportage(SL)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Sportage(SL)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Sportage(SL)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Sportage(SL)	2013	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Sportage(SL)	2013	USA Area	ESP(Electronic Stability Program)	Special Function	Steering Angle Sensor
Sportage(SL)	2013	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sportage(SL)	2013	USA Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor Calibration(HAC/ DBC Only)
Sportage(SL)	2013	USA Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset(ESP(ESC)On ly)
Sportage(SL)	2013	USA Area	IMMO(Immobilizer)	Read Data	
Sportage(SL)	2013	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sportage(SL)	2013	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Sportage(SL)	2013	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sportage(SL)	2013	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sportage(SL)	2013	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Sportage(SL)	2013	USA Area	Power Steering	Version	
Sportage(SL)	2013	USA Area	Power Steering	Read Fault Code	
Sportage(SL)	2013	USA Area	Power Steering	Clear Fault	
Sportage(SL)	2013	USA Area	Power Steering	Read Data	
Sportage(SL)	2013	USA Area	Power Steering	Special Function	ASP Calibration(CAN)
Sportage(SL)	2013	USA Area	Power Steering	Special Function	EPS Variant
Sportage(SL)	2013	USA Area	Smart Key Unit	Version	
Sportage(SL)	2013	USA Area	Smart Key Unit	Read Fault Code	
Sportage(SL)	2013	USA Area	Smart Key Unit	Clear Fault	
Sportage(SL)	2013	USA Area	Smart Key Unit	Read Data	

model	year	area	system	function	subfunction
Sportage(SL)	2013	USA Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Sportage(SL)	2013	USA Area	Smart Key Unit	Actuation Test	External Buzzer
Sportage(SL)	2013	USA Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Sportage(SL)	2013	USA Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Sportage(SL)	2013	USA Area	Smart Key Unit	Actuation Test	FOB Holder Illumination
Sportage(SL)	2013	USA Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Sportage(SL)	2013	USA Area	Smart Key Unit	Actuation Test	ACC Relay
Sportage(SL)	2013	USA Area	Smart Key Unit	Actuation Test	IGN1 Relay
Sportage(SL)	2013	USA Area	Smart Key Unit	Actuation Test	IGN2 Relay
Sportage(SL)	2013	USA Area	Smart Key Unit	Actuation Test	START Relay
Sportage(SL)	2013	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2013	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2013	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2013	USA Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Sportage(SL)	2013	USA Area	Smart Key Unit	Actuation Test	Driver Door Handle Antenna
Sportage(SL)	2013	USA Area	Smart Key Unit	Actuation Test	Assist Door Handle Antenna
Sportage(SL)	2013	USA Area	Smart Key Unit	Special Function	Smart Key Code Saving
Sportage(SL)	2013	USA Area	Smart Key Unit	Special Function	Neutralization Mode
Sportage(SL)	2013	USA Area	Smart Key Unit	Special Function	PDM Status Information
Sportage(SL)	2013	USA Area	Smart Key Unit	Special Function	FOB KEY Status Information
Sportage(SL)	2013	USA Area	Smart Key Unit	Special Function	User Option
Sportage(SL)	2013	USA Area	Smart Key Unit	Special Function	Current FOB Key Check
Sportage(SL)	2013	USA Area	Smart Key Unit	Special Function	Serial Communication Line Check
Sportage(SL)	2013	USA Area	Smart Key Unit	Special Function	Antenna Status Check
Sportage(SL)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sportage(SL)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	

model	year	area	system	function	subfunction
Sportage(SL)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sportage(SL)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sportage(SL)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Sportage(SL)	2013	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	PODS Reset
Sportage(SL)	2013	USA Area	TCM(Transmission Control Module)	Version Information	
Sportage(SL)	2013	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(SL)	2013	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(SL)	2013	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(SL)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sportage(SL)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sportage(SL)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sportage(SL)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sportage(SL)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sportage(SL)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sportage(SL)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sportage(SL)	2013	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve

model	year	area	system	function	subfunction
Sportage(SL)	2013	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sportage(SL)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sportage(SL)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sportage(SL)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sportage(SL)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sportage(SL)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sportage(SL)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sportage(SL)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Sportage(SL)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sportage(SL)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sportage(SL)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sportage(SL)	2013	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sportage(SL)	2012	USA Area	4WD Control	Version	
Sportage(SL)	2012	USA Area	4WD Control	Read Fault Code	
Sportage(SL)	2012	USA Area	4WD Control	Clear Fault	
Sportage(SL)	2012	USA Area	4WD Control	Read Data	
Sportage(SL)	2012	USA Area	4WD Control	Actuation Test	Torque Coupling Control
Sportage(SL)	2012	USA Area	4WD Control	Actuation Test	AWD/LOCK Mode Select
Sportage(SL)	2012	USA Area	4WD Control	Actuation Test	4WD Lamp
Sportage(SL)	2012	USA Area	4WD Control	Special Function	Clutch Learning Reset
Sportage(SL)	2012	USA Area	4WD Control	Special Function	Clutch Learning Read
Sportage(SL)	2012	USA Area	4WD Control	Special Function	Clutch Learning Write
Sportage(SL)	2012	USA Area	AC(Air Conditioning)	Version	
Sportage(SL)	2012	USA Area	AC(Air Conditioning)	Read Fault Code	
Sportage(SL)	2012	USA Area	AC(Air Conditioning)	Clear Fault	
Sportage(SL)	2012	USA Area	AC(Air Conditioning)	Read Data	
Sportage(SL)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sportage(SL)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off

model	year	area	system	function	subfunction
Sportage(SL)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sportage(SL)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sportage(SL)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sportage(SL)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sportage(SL)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sportage(SL)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sportage(SL)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sportage(SL)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%
Sportage(SL)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sportage(SL)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sportage(SL)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sportage(SL)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sportage(SL)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sportage(SL)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sportage(SL)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sportage(SL)	2012	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sportage(SL)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-VENT-0%
Sportage(SL)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
Sportage(SL)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
Sportage(SL)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
Sportage(SL)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-TEMP-50%
Sportage(SL)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%

model	year	area	system	function	subfunction
Sportage(SL)	2012	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Sportage(SL)	2012	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Sportage(SL)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Sportage(SL)	2012	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Sportage(SL)	2012	USA Area	BCM(Body Control Module)	Version Information	
Sportage(SL)	2012	USA Area	BCM(Body Control Module)	Read Fault Code	
Sportage(SL)	2012	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Sportage(SL)	2012	USA Area	BCM(Body Control Module)	Read Data Stream	
Sportage(SL)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Sportage(SL)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Sportage(SL)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Sportage(SL)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Sportage(SL)	2012	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sportage(SL)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Reverse Lamp Relay
Sportage(SL)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Sportage(SL)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Sportage(SL)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Sportage(SL)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Sportage(SL)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Sportage(SL)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Sportage(SL)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Sportage(SL)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sportage(SL)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output

model	year	area	system	function	subfunction
Sportage(SL)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Sportage(SL)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Sportage(SL)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Sportage(SL)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Sportage(SL)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Sportage(SL)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Sportage(SL)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)
Sportage(SL)	2012	USA Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Sportage(SL)	2012	USA Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Sportage(SL)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Sportage(SL)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Sportage(SL)	2012	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Relay
Sportage(SL)	2012	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sportage(SL)	2012	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Version Information	
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay

model	year	area	system	function	subfunction
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Control
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(E/G
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Cut Valve(Tank)(LPI)
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Indicator
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Cooling Fan PWM(Option)

model	year	area	system	function	subfunction
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Waste Gate Valve(Turbo Only)
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control Main
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Cruise Control SET Lamp(Option)
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Change Warning Lamp
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Pump for Flexible
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	Auxiliary Fuel Injector for Flexible fuel
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Actuation Test	ISG Test(Option)
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Special Function	Write VIN
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Special Function	CVVT Test
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test

model	year	area	system	function	subfunction
Sportage(SL)	2012	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sportage(SL)	2012	USA Area	ESP(Electronic Stability Program)	Version Information	
Sportage(SL)	2012	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Sportage(SL)	2012	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sportage(SL)	2012	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Sportage(SL)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Sportage(SL)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Sportage(SL)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sportage(SL)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sportage(SL)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Sportage(SL)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sportage(SL)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Sportage(SL)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sportage(SL)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sportage(SL)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Sportage(SL)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Sportage(SL)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Sportage(SL)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Sportage(SL)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Sportage(SL)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front
Sportage(SL)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Sportage(SL)	2012	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)

model	year	area	system	function	subfunction
Sportage(SL)	2012	USA Area	ESP(Electronic Stability Program)	Special Function	Steering Angle Sensor
Sportage(SL)	2012	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sportage(SL)	2012	USA Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor Calibration(HAC/ DBC Only)
Sportage(SL)	2012	USA Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset(ESP(ESC)Only)
Sportage(SL)	2012	USA Area	IMMO(Immobilizer)	Read Data	
Sportage(SL)	2012	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sportage(SL)	2012	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Sportage(SL)	2012	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sportage(SL)	2012	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sportage(SL)	2012	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Sportage(SL)	2012	USA Area	Power Steering	Version	
Sportage(SL)	2012	USA Area	Power Steering	Read Fault Code	
Sportage(SL)	2012	USA Area	Power Steering	Clear Fault	
Sportage(SL)	2012	USA Area	Power Steering	Read Data	
Sportage(SL)	2012	USA Area	Power Steering	Special Function	ASP Calibration(CAN)
Sportage(SL)	2012	USA Area	Power Steering	Special Function	EPS Variant
Sportage(SL)	2012	USA Area	Smart Key Unit	Version	
Sportage(SL)	2012	USA Area	Smart Key Unit	Read Fault Code	
Sportage(SL)	2012	USA Area	Smart Key Unit	Clear Fault	
Sportage(SL)	2012	USA Area	Smart Key Unit	Read Data	
Sportage(SL)	2012	USA Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Sportage(SL)	2012	USA Area	Smart Key Unit	Actuation Test	External Buzzer
Sportage(SL)	2012	USA Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Sportage(SL)	2012	USA Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Sportage(SL)	2012	USA Area	Smart Key Unit	Actuation Test	FOB Holder Illumination
Sportage(SL)	2012	USA Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Sportage(SL)	2012	USA Area	Smart Key Unit	Actuation Test	ACC Relay
Sportage(SL)	2012	USA Area	Smart Key Unit	Actuation Test	IGN1 Relay
Sportage(SL)	2012	USA Area	Smart Key Unit	Actuation Test	IGN2 Relay
Sportage(SL)	2012	USA Area	Smart Key Unit	Actuation Test	START Relay

model	year	area	system	function	subfunction
Sportage(SL)	2012	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2012	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2012	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2012	USA Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Sportage(SL)	2012	USA Area	Smart Key Unit	Actuation Test	Driver Door Handle Antenna
Sportage(SL)	2012	USA Area	Smart Key Unit	Actuation Test	Assist Door Handle Antenna
Sportage(SL)	2012	USA Area	Smart Key Unit	Special Function	Smart Key Code Saving
Sportage(SL)	2012	USA Area	Smart Key Unit	Special Function	Neutralization Mode
Sportage(SL)	2012	USA Area	Smart Key Unit	Special Function	PDM Status Information
Sportage(SL)	2012	USA Area	Smart Key Unit	Special Function	FOB KEY Status Information
Sportage(SL)	2012	USA Area	Smart Key Unit	Special Function	User Option
Sportage(SL)	2012	USA Area	Smart Key Unit	Special Function	Current FOB Key Check
Sportage(SL)	2012	USA Area	Smart Key Unit	Special Function	Serial Communication Line Check
Sportage(SL)	2012	USA Area	Smart Key Unit	Special Function	Antenna Status Check
Sportage(SL)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sportage(SL)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sportage(SL)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sportage(SL)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sportage(SL)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding
Sportage(SL)	2012	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	PODS Reset
Sportage(SL)	2012	USA Area	TCM(Transmission Control Module)	Version Information	

model	year	area	system	function	subfunction
Sportage(SL)	2012	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(SL)	2012	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(SL)	2012	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(SL)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sportage(SL)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sportage(SL)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sportage(SL)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sportage(SL)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sportage(SL)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sportage(SL)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sportage(SL)	2012	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sportage(SL)	2012	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sportage(SL)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sportage(SL)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sportage(SL)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sportage(SL)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	
Sportage(SL)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sportage(SL)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sportage(SL)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration

model	year	area	system	function	subfunction
Sportage(SL)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sportage(SL)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sportage(SL)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sportage(SL)	2012	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing
Sportage(SL)	2011	USA Area	4WD Control	Version	
Sportage(SL)	2011	USA Area	4WD Control	Read Fault Code	
Sportage(SL)	2011	USA Area	4WD Control	Clear Fault	
Sportage(SL)	2011	USA Area	4WD Control	Read Data	
Sportage(SL)	2011	USA Area	4WD Control	Actuation Test	Torque Coupling Control
Sportage(SL)	2011	USA Area	4WD Control	Actuation Test	AWD/LOCK Mode Select
Sportage(SL)	2011	USA Area	4WD Control	Actuation Test	4WD Lamp
Sportage(SL)	2011	USA Area	4WD Control	Special Function	Clutch Learning Reset
Sportage(SL)	2011	USA Area	4WD Control	Special Function	Clutch Learning Read
Sportage(SL)	2011	USA Area	4WD Control	Special Function	Clutch Learning Write
Sportage(SL)	2011	USA Area	AC(Air Conditioning)	Version	
Sportage(SL)	2011	USA Area	AC(Air Conditioning)	Read Fault Code	
Sportage(SL)	2011	USA Area	AC(Air Conditioning)	Clear Fault	
Sportage(SL)	2011	USA Area	AC(Air Conditioning)	Read Data	
Sportage(SL)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Compressor On
Sportage(SL)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Compressor Off
Sportage(SL)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Off
Sportage(SL)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Low
Sportage(SL)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-Medium
Sportage(SL)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Blower Fan Motor-High
Sportage(SL)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-0%
Sportage(SL)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-50%
Sportage(SL)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Air Mix Door-100%
Sportage(SL)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-0%

model	year	area	system	function	subfunction
Sportage(SL)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-50%
Sportage(SL)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Passenger Air Mix Door-100%
Sportage(SL)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Vent
Sportage(SL)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Floor
Sportage(SL)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Driver Mode Door-Defrost
Sportage(SL)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Fresh
Sportage(SL)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Air Inlet Mode Selection-Recirculation
Sportage(SL)	2011	USA Area	AC(Air Conditioning)	Actuation Test	PTC Heater On(Diesel)
Sportage(SL)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-VENT-0%
Sportage(SL)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-50%
Sportage(SL)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-VENT-100%
Sportage(SL)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-0%
Sportage(SL)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Console Air mix Door-TEMP-50%
Sportage(SL)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Console Air Mix Door-TEMP-100%
Sportage(SL)	2011	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-0%
Sportage(SL)	2011	USA Area	AC(Air Conditioning)	Actuation Test	External Control Valve-85%
Sportage(SL)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-0%(close)
Sportage(SL)	2011	USA Area	AC(Air Conditioning)	Actuation Test	Auto Defog Mode Door-50%
Sportage(SL)	2011	USA Area	BCM(Body Control Module)	Version Information	
Sportage(SL)	2011	USA Area	BCM(Body Control Module)	Read Fault Code	
Sportage(SL)	2011	USA Area	BCM(Body Control Module)	Clear Fault Memory	
Sportage(SL)	2011	USA Area	BCM(Body Control Module)	Read Data Stream	

model	year	area	system	function	subfunction
Sportage(SL)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp Low Relay
Sportage(SL)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Head Lamp High Relay
Sportage(SL)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Front Fog Lamp
Sportage(SL)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Tail Lamp Relay
Sportage(SL)	2011	USA Area	BCM(Body Control Module)	Actuation Test	AV Tail
Sportage(SL)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Reverse Lamp Relay
Sportage(SL)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Tailgate/Trunk Release Relay
Sportage(SL)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Rear Wiper Relay
Sportage(SL)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Rear Defogger Relay
Sportage(SL)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Front Deicer Relay
Sportage(SL)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Lock Relay
Sportage(SL)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Central Door Unlock Relay
Sportage(SL)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Driver Door Unlock Relay
Sportage(SL)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Power Window Relay
Sportage(SL)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Dedicated DRL Output
Sportage(SL)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Wiper Relay
Sportage(SL)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Turn LH Output
Sportage(SL)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Turn RH Output
Sportage(SL)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Room Lamp
Sportage(SL)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Ignition Key Hole Illumination(Manual Key Type)
Sportage(SL)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Assist Seat Belt Indicator
Sportage(SL)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Key Interlock Solenoid(Manual Key Type)

model	year	area	system	function	subfunction
Sportage(SL)	2011	USA Area	BCM(Body Control Module)	Actuation Test	RPAS/R Buzzer Output(Option)
Sportage(SL)	2011	USA Area	BCM(Body Control Module)	Actuation Test	RPAS Switch Indicator(Option)
Sportage(SL)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Internal Buzzer
Sportage(SL)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Navi Wakeup Signal Output
Sportage(SL)	2011	USA Area	BCM(Body Control Module)	Actuation Test	Safety Power Window Relay
Sportage(SL)	2011	USA Area	CODE(Transmitter Code Saving)	Read Data Stream	
Sportage(SL)	2011	USA Area	CODE(Transmitter Code Saving)	Special Function	Code Saving
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Version Information	
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Read Fault Code	
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Clear Fault Memory	
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Read Data Stream	
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Engine Check Lamp(MIL)
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve(OBD-2
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pump Relay
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	A/C Compressor Relay
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Immobilizer Lamp(Option)
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Shut Off Valve Clocked(OBD-2 Only)
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-High
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fan Motor Control-Low
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Main Relay
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Canister Purge Valve
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Intake Bank1

model	year	area	system	function	subfunction
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Oil Control Valve-Exhaust Bank 1(Option)
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Ignition Coil Enable/Disable-
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 1
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 2
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 3
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Injector Disable-Cylinder 4
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	ETC Motor
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Front
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	O2 Heater Rear
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Waste Gate Valve(Turbo Only)
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	TCI Bypass Valve(Turbo Only)
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Fuel Pressure Ragulator(GDI Only)
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	Variable Intake Solenoid(Option)
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Actuation Test	VCM Motor(Option)
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Special Function	Resetting Adaptive Values
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Special Function	Auto Detected Configuration Reset
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Special Function	Read VIN
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Special Function	Write VIN

model	year	area	system	function	subfunction
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Special Function	CKP CMP Signal Test
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Special Function	Evap.Leakage Test
Sportage(SL)	2011	USA Area	ECM(Engine Control Module)	Special Function	Cylinder Power Balance(Option)
Sportage(SL)	2011	USA Area	ESP(Electronic Stability Program)	Version Information	
Sportage(SL)	2011	USA Area	ESP(Electronic Stability Program)	Read Fault Code	
Sportage(SL)	2011	USA Area	ESP(Electronic Stability Program)	Clear Fault Memory	
Sportage(SL)	2011	USA Area	ESP(Electronic Stability Program)	Read Data Stream	
Sportage(SL)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Motor
Sportage(SL)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Front
Sportage(SL)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Front
Sportage(SL)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Left Rear
Sportage(SL)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Inlet Valve-Right Rear
Sportage(SL)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Front
Sportage(SL)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Front
Sportage(SL)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Left Rear
Sportage(SL)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Outlet Valve-Right Rear
Sportage(SL)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Left Front
Sportage(SL)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	TCS Valve-Right Front
Sportage(SL)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(PRCV)
Sportage(SL)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Reservoir Cut Valve(SRCV)
Sportage(SL)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Right Front
Sportage(SL)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	Electric Shuttle Valve-Left Front

model	year	area	system	function	subfunction
Sportage(SL)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	DBC/HAC Brake Lamp Relay(DBC/HAC Only)
Sportage(SL)	2011	USA Area	ESP(Electronic Stability Program)	Actuation Test	ESS Brake Lamp Relay(ESS Only)
Sportage(SL)	2011	USA Area	ESP(Electronic Stability Program)	Special Function	Steering Angle Sensor
Sportage(SL)	2011	USA Area	ESP(Electronic Stability Program)	Special Function	HCU Air Bleeding Mode
Sportage(SL)	2011	USA Area	ESP(Electronic Stability Program)	Special Function	Longitudinal G Sensor Calibration(HAC/ DBC Only)
Sportage(SL)	2011	USA Area	ESP(Electronic Stability Program)	Special Function	Auto Detected Configuration Reset(ESP(ESC)On ly)
Sportage(SL)	2011	USA Area	IMMO(Immobilizer)	Read Data	
Sportage(SL)	2011	USA Area	IMMO(Immobilizer)	Special Function	Password Teaching/Changin
Sportage(SL)	2011	USA Area	IMMO(Immobilizer)	Special Function	EMS Neutral
Sportage(SL)	2011	USA Area	IMMO(Immobilizer)	Special Function	Limp Home Mode
Sportage(SL)	2011	USA Area	IMMO(Immobilizer)	Special Function	Smatra Neutral Mode
Sportage(SL)	2011	USA Area	IMMO(Immobilizer)	Special Function	Teaching
Sportage(SL)	2011	USA Area	Power Steering	Version	
Sportage(SL)	2011	USA Area	Power Steering	Read Fault Code	
Sportage(SL)	2011	USA Area	Power Steering	Clear Fault	
Sportage(SL)	2011	USA Area	Power Steering	Read Data	
Sportage(SL)	2011	USA Area	Power Steering	Special Function	ASP Calibration(CAN)
Sportage(SL)	2011	USA Area	Power Steering	Special Function	EPS Variant
Sportage(SL)	2011	USA Area	Smart Key Unit	Version	
Sportage(SL)	2011	USA Area	Smart Key Unit	Read Fault Code	
Sportage(SL)	2011	USA Area	Smart Key Unit	Clear Fault	
Sportage(SL)	2011	USA Area	Smart Key Unit	Read Data	
Sportage(SL)	2011	USA Area	Smart Key Unit	Actuation Test	Immobilizer Indicator
Sportage(SL)	2011	USA Area	Smart Key Unit	Actuation Test	External Buzzer
Sportage(SL)	2011	USA Area	Smart Key Unit	Actuation Test	Start Stop Button LED Amber
Sportage(SL)	2011	USA Area	Smart Key Unit	Actuation Test	Start Stop Button LED Blue/Green
Sportage(SL)	2011	USA Area	Smart Key Unit	Actuation Test	FOB Holder Illumination

model	year	area	system	function	subfunction
Sportage(SL)	2011	USA Area	Smart Key Unit	Actuation Test	Start Stop Button Illumination
Sportage(SL)	2011	USA Area	Smart Key Unit	Actuation Test	ACC Relay
Sportage(SL)	2011	USA Area	Smart Key Unit	Actuation Test	IGN1 Relay
Sportage(SL)	2011	USA Area	Smart Key Unit	Actuation Test	IGN2 Relay
Sportage(SL)	2011	USA Area	Smart Key Unit	Actuation Test	START Relay
Sportage(SL)	2011	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2011	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2011	USA Area	Smart Key Unit	Actuation Test	Interior Antenna
Sportage(SL)	2011	USA Area	Smart Key Unit	Actuation Test	Bumper/Tail Gate Antenna
Sportage(SL)	2011	USA Area	Smart Key Unit	Actuation Test	Driver Door Handle Antenna
Sportage(SL)	2011	USA Area	Smart Key Unit	Actuation Test	Assist Door Handle Antenna
Sportage(SL)	2011	USA Area	Smart Key Unit	Special Function	Smart Key Code Saving
Sportage(SL)	2011	USA Area	Smart Key Unit	Special Function	Neutralization Mode
Sportage(SL)	2011	USA Area	Smart Key Unit	Special Function	PDM Status Information
Sportage(SL)	2011	USA Area	Smart Key Unit	Special Function	FOB KEY Status Information
Sportage(SL)	2011	USA Area	Smart Key Unit	Special Function	User Option
Sportage(SL)	2011	USA Area	Smart Key Unit	Special Function	Current FOB Key Check
Sportage(SL)	2011	USA Area	Smart Key Unit	Special Function	Serial Communication Line Check
Sportage(SL)	2011	USA Area	Smart Key Unit	Special Function	Antenna Status Check
Sportage(SL)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Version Information	
Sportage(SL)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Fault Code	
Sportage(SL)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Clear Fault Memory	
Sportage(SL)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Read Data Stream	
Sportage(SL)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	ACU/SRSCM Variant Coding

model	year	area	system	function	subfunction
Sportage(SL)	2011	USA Area	SRS(Supplemental Inflatable Restraint System)	Special Function	PODS Reset
Sportage(SL)	2011	USA Area	TCM(Transmission Control Module)	Version Information	
Sportage(SL)	2011	USA Area	TCM(Transmission Control Module)	Read Fault Code	
Sportage(SL)	2011	USA Area	TCM(Transmission Control Module)	Clear Fault Memory	
Sportage(SL)	2011	USA Area	TCM(Transmission Control Module)	Read Data Stream	
Sportage(SL)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve A(UD/B)
Sportage(SL)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve B(2-6/B)
Sportage(SL)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve C(35R/C)
Sportage(SL)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve D(OD/C)
Sportage(SL)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve E(SS-A)
Sportage(SL)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Shift Control Solenoid Valve F(SS-B)
Sportage(SL)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Pressure Control Solenoid Valve(VFS)'A'
Sportage(SL)	2011	USA Area	TCM(Transmission Control Module)	Actuation Test	Torque Converter Clutch Solenoid Valve
Sportage(SL)	2011	USA Area	TCM(Transmission Control Module)	Special Function	Resetting Auto T/A Values
Sportage(SL)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Version Information	
Sportage(SL)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Read Fault Code	
Sportage(SL)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Clear Fault Memory	
Sportage(SL)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Read Data Stream	

model	year	area	system	function	subfunction
Sportage(SL)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Tread Lamp
Sportage(SL)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Actuation Test	TPMS Diagnostic Lamp
Sportage(SL)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	TPMS Mode Configuration
Sportage(SL)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Write VIN
Sportage(SL)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Wheel Sensor ID Writing
Sportage(SL)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Reading
Sportage(SL)	2011	USA Area	TPMS(Tire Pressure Monitoring System)	Special Function	Vehicle Name Code Writing