

Connector Type	System	16PIN																			
		TCCS(Engine/AT)	TCCS2(Engine/AT)	Transmission(ECT/SMT/MMT)	Hybrid Vehicle	Mild Hybrid Vehicle	Hybrid Vehicle Battery	ABS/VSC	ABS/VSC/ARS	Air Suspension/TEMS/AHC	Stabilizer	Electric Parking Brake	ARS(Active Rear Steer)	SRS Airbag	4WD(4 Wheel Drive)	EPS(Electric Power Steering)	Radar Cruise Control	Radar Cruise Control	Stop And Go	VGRS(Variable Gear Ratio Steering)	
DTC Analysis		V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V
DTC EraseMemory		V	V																		
Data Analysis		V	V	V	V																
Actuation Test		V	V																		
ECU Information Display		V	V																		
AT/CVT Learning Value Initialization		V	V																		
G Sensor 0 Point Learning Start		V	V																		
CVT Hydraulic Pressure Learning Start		V	V																		
Injector ID Check		V	V																		
Injector Compensation		V	V																		
Injector Class Verification		V	V																		
Injector Class Set		V	V																		
Supply Pump Initialization		V	V																		
AT Learning Value Initialization		V	V																		
DPF deterioration record clear		V	V																		
A/F sensor compensation Reset		V	V																		
Crank time compensation reset		V	V																		
Catalyst record clear		V	V																		
Parts exchange				V	V																
Air Bleeder				V	V																
[VSC Actuator]Intake System Air Bleeder																					
[VSC Actuator]Decompression System Air Bleeder																					
[ECB]Brake Control Prohibition																					
Accumulator 0 Down Drive																					
Yaw Rate / G Sensor 0 Point Clear (For ECB)																					
Linear Valve Learning Value Initialize																					
Back Up Memory Clear																					
VSC System 0 Point Clear																					
Torque sensor adjustment																					
Rotational Angle Sensor Calibration																					
Steering angle adjust																					
Key code erasure																					
Key code registration																					
Servo motor initialization																					
Wireless code erasure																					
Wireless code registration																					
Reset Memory																					
Body control module Initialization																					
Communication check																					
System Identification																					
Initialization of immobilizer																					
Auto Registration Closure																					
Test Mode																					
Check Mode																					

Connector Type	System																																														
		DTC Analysis	DTC EraseMemory	Data Analysis	Actuation Test	ECU Information Display	AT/CVT Learning Value Initialization	G Sensor 0 Point Learning Start	CVT Hydraulic Pressure Learning Start	Injector ID Check	Injector Compensation	Injector Class Verification	Injector Class Set	Supply Pump Initialization	AT Learning Value Initialization	DPF deterioration record clear	A/F sensor compensation Reset	Crank time compensation reset	Catalyst record clear	Parts exchange	Air Bleeder	[VSC Actuator]Intake System Air Bleeder	[VSC Actuator]Decompression System Air Bleeder	[ECB]Brake Control Prohibition	Accumulator 0 Down Drive	Yaw Rate / G Sensor 0 Point Clear (For ECB)	Linear Valve Learning Value Initialize	Back Up Memory Clear	VSC System 0 Point Clear	Torque sensor adjustment	Rotational Angle Sensor Calibration	Steering angle adjust	Key code erasure	Key code registration	Servo motor initialization	Wireless code erasure	Wireless code registration	Reset Memory	Body control module Initialization	Communication check	System Identification	Initialization of immobilizer	Auto Registration Closure	Test Mode	Check Mode		
16PIN	Immobiliser	V	V	V	V	V																											V	V							V	V					
	Precrash Safety System	V	V	V	V																																										
	IPA(Intelligent Parking Asist)	V	V	V																																											
	Combination meter	V	V	V	V																																										
	EMS(Energy Management System)	V	V																																												
	Motor Generator	V	V																																												
	LKA(Lane Keeping Assist)	V	V																																												
	Active Stabilizer(Front)	V	V																																												
	Active Stabilizer(Rear)	V	V																																												
	Transmission Control	V	V	V																																											
	E-ACM(Electric Active Mount)	V	V	V	V																																										
	FCHV(Fuel Cell Hybrid Vehicle)		V		V																																										
	KDSS(Kinetic Dynamic Suspension)	V	V	V	V																																										
	Tire Pressure Warning System	V	V	V																																											
	Tire Pressure Warning System	V	V	V																																											
	Gateway	V	V																																												
	Body	V	V	V	V																																										
	Hybrid Gateway	V	V																																												
	ECB Gateway	V	V	V																																											





Connector Type		System																																																		
16PIN		DTC Analysis	DTC EraseMemory	Data Analysis	Actuation Test																																															
		ECU Information Display																																																		
17PIN		AT/CVT Learning Value Initialization	G Sensor 0 Point Learning Start	CVT Hydraulic Pressure Learning Start	Injector ID Check	Injector Compensation	Injector Class Verification	Injector Class Set	Supply Pump Initialization	AT Learning Value Initialization	DPF deterioration record clear	A/F sensor compensation Reset	Crank time compensation reset	Catalyst record clear	Parts exchange	Air Bleeder	[VSC Actuator]Intake System Air Bleeder	[VSC Actuator]Decompression System Air Bleeder	[ECB]Brake Control Prohibition	Accumulator 0 Down Drive	Yaw Rate / G Sensor 0 Point Clear (For ECB)	Linear Valve Learning Value Initialize	Back Up Memory Clear	VSC System 0 Point Clear	Torque sensor adjustment	Rotational Angle Sensor Calibration	Steering angle adjust	Key code erasure	Key code registration	Servo motor initialization	Wireless code erasure	Wireless code registration	Reset Memory	Body control module Initialization	Communication check	System Identification	Initialization of immobilizer	Auto Registration Closure	Test Mode	Check Mode												
			Theft Deterrent System	V	V	V	V																																													
			Clearance Sonar	V	V																																															
			Clearance Sonar	V	V	V	V																																													
			Retractable Hard Top	V	V																																															
			Left Seat Mirror	V	V	V	V																																													
			Right Seat Mirror	V	V	V	V																																													
			AFS(Adaptive Front-Lighting System)	V	V	V	V																																													
			WIL Gateway	V	V																																															
			Remote Security	V	V																																															
			Driver Seat Act Headrest	V	V																																															
			Help Net Gateway	V	V																																															
			Precrash 2	V	V	V	V																																													
			Passenger Seat Act Headrest	V	V																																															
			Navigation System	V	V																																															
			ALL(DTC)	V																																																
			ALL(DTC/CURR)	V		V																																														
			ECT(AT)	V																																																
			Vacuum ABS	V																																																
			Vacuum ABS/TRC/4WD	V																																																

Connector Type		System		
17PIN	Hydraulic ABS/VSC/4WD	V		
	4WD	V		
	TEMS(PIEZO/SKYHOOK)	V		
	Air Suspension System	V		
	Active Suspension System	V		
	TRC(Traction Control System)	V		
	VSC(Vehicle Stability Control)	V		
	Cruise	V		
	Airbag	V		
	Side Airbag	V		
	Air Conditioner	V		
	4WS(4 Wheele Steering)	V		
	ETCS	V		
		DTC Analysis		
		DTC EraseMemory		
		Data Analysis		
		Actuation Test		
		ECU Information Display		
		AT/CVT Learning Value Initialization		
		G Sensor 0 Point Learning Start		
		CVT Hydraulic Pressure Learning Start		
		Injector ID Check		
		Injector Compensation		
		Injector Class Verification		
		Injector Class Set		
	Supply Pump Initialization			
	AT Learning Value Initialization			
	DPF deterioration record clear			
	A/F sensor compensation Reset			
	Crank time compensation reset			
	Catalyst record clear			
	Parts exchange			
	Air Bleeder			
	[VSC Actuator]Intake System Air Bleeder			
	[VSC Actuator]Decompression System Air Bleeder			
	[ECB]Brake Control Prohibition			
	Accumulator 0 Down Drive			
	Yaw Rate / G Sensor 0 Point Clear (For ECB)			
	Linear Valve Learning Value Initialize			
	Back Up Memory Clear			
	VSC System 0 Point Clear			
	Torque sensor adjustment			
	Rotational Angle Sensor Calibration			
	Steering angle adjust			
	Key code erasure			
	Key code registration			
	Servo motor initialization			
	Wireless code erasure			
	Wireless code registration			
	Reset Memory			
	Body control module Initialization			
	Communication check			
	System Identification			
	Initialization of immobilizer			
	Auto Registration Closure			
	Test Mode			
	Check Mode			









Connector Type	System																																						
	Maintenance Mode 2WD (Exhaust Measurement)	Maintenance Mode 2WD (TRC Forbidden)	Maintenance Mode 4WD (Exhaust Measurement)	Maintenance Mode 4WD (TRC Forbidden)	Maintenance Mode 2WD	Maintenance Mode 4WD	Battery Control Data Initialization	Vehicle Mileage Write	Clutch Adjust Count	Pilot Quantity Learning(Detail)	Catalyst Record Read	Catalyst Record Transferring	A/T Code Reset	Inspection Mode	ECU Information Sync	ID Registration	Onboard Equalizing Charge(beta)	SOC(STATUS OF CHARGING) SET(beta)	V80 Control SET(beta)	Zero Point Calibration	Key Code Reset(ECU Release)	Initialization	Customize																
16PIN	Driver Seat	Passenger Seat	Rear Right Seat	Rear Left Seat	Driver Seat Switch	Rear Right Seat Switch	Front Right Seat A/C	Front Left Seat A/C	Rear Right Seat A/C	Rear Left Seat A/C	Slide Roof	Rain Sensor	Wiper	Occupant Detection	Night View	Steering Pad(Pad Switch)	Power Source Control	Electric Power Control	Entry And Start																				

Connector Type	System																	
Maintenance Mode 2WD (Exhaust Measurement)	Maintenance Mode 2WD (Exhaust Measurement)																	
	Maintenance Mode 2WD (TRC Forbidden)																	
	Maintenance Mode 4WD (Exhaust Measurement)																	
	Maintenance Mode 4WD (TRC Forbidden)																	
	Maintenance Mode 2WD																	
	Maintenance Mode 4WD																	
	Battery Control Data Initialization																	
	Vehicle Mileage Write																	
	Clutch Adjust Count																	
	Pilot Quantity Learning(Detail)																	
	Catalyst Record Read																	
	Catalyst Record Transferring																	
	A/T Code Reset																	
	Inspection Mode																	
	ECU Information Sync																	
	ID Registration																	
	Onboard Equalizing Charge(beta)																	
	SOC(STATUS OF CHARGING) SET(beta)																	
V80 Control SET(beta)																		
Zero Point Calibration																		
Key Code Reset(ECU Relearn)																		
Initialization																		
Customize																		
16PIN	Theft Deterrent System																	
	Clearance Sonar																	
	Clearance Sonar																	
	Retractable Hard Top																	
	Left Seat Mirror																	
	Right Seat Mirror																	
	AFS(Adaptive Front-Lighting System)								V									
	WIL Gateway																	
	Remote Security																	
	Driver Seat Act Headrest																	
	Help Net Gateway																	
	Preocrash 2																	
Passenger Seat Act Headrest																		
Navigation System																		
17PIN	ALL(DTC)																	
	ALL(DTC/CURR)																	
	ECT(AT)																	
	Vacuum ABS																	
	Vacuum ABS/TRC/4WD																	

Connector Type	System																					
17PIN	Hydraulic ABS/VSC/4WD																					
	4WD																					
	TEMS(PIEZO/SKYHOOK)																					
	Air Suspension System																					
	Active Suspension System																					
	TRC(Traction Control System)																					
	VSC(Vehicle Stability Control)																					
	Cruise																					
	Airbag																					
	Side Airbag																					
	Air Conditioner																					
	4WS(4 Wheele Steering)																					
	ETCS																					
		Maintenance Mode 2WD (Exhaust Measurement)																				
		Maintenance Mode 2WD (TRC Forbidden)																				
		Maintenance Mode 4WD (Exhaust Measurement)																				
		Maintenance Mode 4WD (TRC Forbidden)																				
		Maintenance Mode 2WD																				
		Maintenance Mode 4WD																				
		Battery Control Data Initialization																				
		Vehicle Mileage Write																				
	Clutch Adjust Count																					
	Pilot Quantity Learning(Detail)																					
	Catalyst Record Read																					
	Catalyst Record Transferring																					
	A/T Code Reset																					
	Inspection Mode																					
	ECU Information Sync																					
	ID Registration																					
	Onboard Equalizing Charge(beta)																					
	SOC(STATUS OF CHARGING) SET(beta)																					
	V80 Control SET(beta)																					
	Zero Point Calibration																					
	Key Code Reset(ECU Release)																					
	Initialization																					
	Customize																					











connector	System																				
	ID READ																				
	ID REGIST																				
	AUTO LIGHT LOGIC SET																				
	DROP WIPE FUNC SET																				
	SECURITY ALARM SET(SIREN)																				
	RAIN SEN WIP FUNC SET																				
	Closed Throttle Position Learning																				
	Enter Injector Calibration Data																				
	LEARNING																				
	P062F EXCLUSIVE FUNCTION																				
	ZFC VALVE RESET																				
	OC DATA LEAR																				
	ENTER INJECTOR CODES																				
	FRONT RIGHT ACTUATOR																				
	FRONT LEFT ACTUATOR																				
	REAR RIGHT ACTUATOR																				
	REAR LEFT ACTUATOR																				
	FOUR WHEEL ACTUATOR																				
	Steering Lock Release (Key ID Erase)																				
	Idle Air Volume Learning(Quick TAS)																				
	Initialization																				
	G Sensor Calibration																				
	EEPROM Clear Confirm																				
	G Sensor Calibration																				
	Target Idle RPM Adjustment																				
	A/F INITIAL LEARNING																				
	STRT OPRTN CNTR CLEAR																				
	CML B/DCHRG CRNT CLEAR																				
	CONFIRM KEY FOB ID																				
	ANTI KEY LOCK IN FUNCTI																				
	Deceleration G Sensor Calibration																				
	Valve Calibration																				
	TP Swich/TP Sensor Idle Position Adjust																				
	Check Fuel Lines																				
	V/T Control Learn																				
	Ethanol M/R Adjust																				
	EXH V/T Control Learn																				
	SENSOR INITIALISE																				
	TEMP Set Correct																				
	REC Memory Set																				
	FRE Memory Set																				
	Blow Set																				
	Gas Sensor Adjustment																				
	Clean SW Set																				
	Door Motor Starting Position Reset																				
	Target Evaporator Temp Upper Limit Setting																				
	Stop/Start System Operation Cond Setting																				
	Air Inlet Change Setting																				
	Air Flow Reduction Setting																				
	Steering Angle Sensor Adjustment																				
	STANDARD HEIGHT LEVEL																				
	ADJUST HEIGHT INI																				
	CLEAR HEIGHT INI																				
	Corner Sensor Distance Set																				
	Center Sensor Distance Set																				
	Volume Setting																				
	Trailer Hitch Mode																				
	Injector Learning Value Clear																				
	Mixture Ratio Learning Value Clear																				
	After DPF Regeneration																				
	After DPF Replacement																				
	EGR Valve Programming																				
	Air Damper Valve Programming																				

16PIN

- Engine
- AT
- CVT
- ABS
- Airbag
- All Mode 4WD
- e-4WD
- EPS(Electric Power Steering)
- NATS(NISSAN Anti-Theft System)
- BCM(Body Control Module)
- IPDM Engine Room
- Intelligent Key
- Auto Drive Position
- Meter
- Meter/Air Conditioner Amplifier
- AFS
- Head Lamp Levelizer
- Auto Slide Door
- Precrash Seatbelt
- RAS/HICAS
- 4WAS(4 Wheel Active Steering) Front
- HVAC
- ICC(Intelligent Cruise Control)
- Pop Up Hood



connector		System			
16PIN	Air Pressure Monitor	V	V	V	V
	Multi AV	V	V	V	V
	E-SUS	V	V	V	V
	Auto Back Door	V	V	V	V
	Rearview Camera		V	V	V
	S/Blind Camera		V	V	V
	Air Levelizer	V	V	V	V
	Air Levelizer	V	V	V	V
	Diff Lock	V	V	V	V
	Sonar	V	V	V	V
	Hybrid	V	V	V	V
	Engine	V	V	V	V
	AT	V	V	V	V
	CVT	V	V	V	V
ABS	V	V	V	V	
Airbag	V	V	V	V	
All Mode 4WD	V	V	V	V	
	DTC				
	Freeze frame				
	CURRENT DATA				
	ACTUATION TEST				
	ECU INFORMATION				
	TAS Learning				
	ECT Learning Value Clear				
	A/F Ratio Learning Value Clear				
	TARGET IGN TIN ADJ				
	RESET SETTING VALUE				
	SECURITY DOOR LOCK SET				
	DOOR LOCK-UNLOCK SET				
	ANTI-LOCK OUT SET				
	AUTO LOCK SET				
	SET REAR DEFOGGER -ENG INTCON				
	ROOM LAMP TIMER SET				
	SET I/L D-UNLOCK INTCON				
	ROOM LAMP ON TIME SET				
	ROOM LAMP OFF TIME SET				
	R LAMP TIMER LOGIC SET				
	ROOM LAMP ON AT LOCK				
	REMO CONT ID ERASUR				
	BATTERY SAVER SET				
	CUSTOM ALIGHT SETTING				
	HEAD LIGHT TIMER				
	ILL DELAY SET				
	RR WIP RVRS SET				
	WIPER SPEED SETTING				
	HAZARD LAMP SET				
	ROOM LAMP BAT SAV SET				
	SECURITY ALARM SET				
	THEFT ALM TRG				
	STANG SEN ADJUSTMENT				
	REMO CONT ID REGIST				
	REMO CONT ID CONFIR				
	PANIC ALARM SET				
	TRUNK OPEN SET				
	MULTI ANSWER BACK SET				
	PW DOWN SET				
	SECURITY ALARM SET				
	THEFT ALM TRG				
	RETAINED PWR SET				
	HZRD REM SET				
	AUTO LOCK SET				
	CUSTOM ALIGHT SETTING				
	LEVELIZER ADJUSTMEN				
	DECEL G SEN CALIBRATION				
	SIDE G SEN CALIBRATION				
	PRESS SEN CALIBRATION				
	TARGET IDLE RPM ADJ				
	ENGINE BRAKE ADJ				
	CONFORM CVTF DETERIORATION				
	ANSWER BACK WITH I-KEY UNLOCK				
	EXIT SEAT SLIDE SETTING				
	EXIT TILT SETTING				
	SEAT SLIDE VOLUME SET				
	CONFIRM KEY FOR ID				
	TAKE OUT FROM WINDDOW WARN				
	LOW BATT OF KEY FOR WARN				
	I-KEY FUNCTION				
	ANSWER BACKFUNCTION				
	KEYLESS FUNCTION				
	SELECTIVE UNLOCK FUNCTION				

connector	System	16PIN	14PIN
	HORN WITH KEYLESS LOCK		
	HAZARD ANSWER BACK		
	ANSWER BACK WITH I-KEY LOCK		
	AUTO RELOCK TIMER		
	TRUNK/GLASS HATCH OPEN		
	P/W DOWN DELAY		
	ENGINE START BY I-KEY		
	LOCK/UNLOCK BY I-KEY		
	LUG ROOM ENGINE START		
	Intelligent Key Register		
	Program Mode		
	Config Clear		
	Injector Adpattation Valve Clear		
	Enter Injector Calibration Data		
	Pump Learn Clear		
	EGR/V Learn Clear		
	Steering Angle Sensor Adjustment		
	Fuel Pressure Release		
	C/U Initialization		
	TP Position Learn Clear		
	DIF EX PRE Learn Clear		
	DPF Data Clear		
	A/F Sensor Learn Clear		
	PUMP LEANT CLEAR		
	DF EXH PRES SEN LEARN CLR		
	E/R AIR TEMP SEN LEARN CLR		
	FUEL INJ QUANTITY LEARNING		
	CONFIG CLR		
	INJ ADJ VAL CLR		
	EGR/V LEARN CLR		
	EXH PRSR SEN LEARN CLEAR		
	OC DATA CLEAR		
	PROGRAMMED VALUES		
	EGR ADAPTIVES		
	RESET PUMP FORCEFEEDING		
	RESET INJCTR ADAPTIVE		
	TP POS LEARN CLR		
	EXH FUEL INJ DATA CLEAR		
	ZFC VALUE RESET		
	PRGRM REINITIALIZE		
	PRES REG ADAPTIVE		
	Idle Air Volume Learning		
	Self-Learning Control		
	Target Ignition Timing Adjustment		
	Service Generation		
	OFF Accelerator Position Signal		
	VVEL Position Sensor Adjustment Prep		
	ECO MODE RESET FUNCTION		
	D/LOCK VHCL SPD AJT		
	AUTOMATIC DOOR LOCK SELECT		
	AUTOMATIC DOOR UNLOCK SELECT		
	AUTOMATIC DOOR LOCK/UNLOCK SELECT		
	HORN CHIRP SET		
	WELCOME LIGHT OP SET		
	TRUNK OPEN DELAY		
	LO-BATT OF KEY FOB WARN		
	ANS BACK I-KEY LOCK		
	ANS BACK I-KEY UNLOCK		
	SHORT CRANKING OUTPUT		
	INSIDE ANT DIAGNOSIS		
	WELCOME LIGHT SELECT		
	CONFIRM DONGLE ID		
	SIREN SET		
	Air Pressure Monitor		
	Multi AV		
	E-SUS		
	Auto Back Door		
	Rearview Camera		
	S/Blind Camera		
	Air Levelizer		
	Air Levelizer		
	Diff Lock		
	Sonar		
	Hybrid		
	Engine		
	AT		
	CVT		
	ABS		
	Airbag		
	All Mode 4WD		

connector		System
16PIN	Air Pressure Monitor	V
	Multi AV	
	E-SUS	
	Auto Back Door	
	Rearview Camera	
	S/Blind Camera	
	Air Levelizer	
	Air Levelizer	
	Diff Lock	
	Sonar	
	Hybrid	
	Engine	
	AT	
	CVT	
ABS		
Airbag		
All Mode 4WD		
	ID READ	
	ID REGIST	
	AUTO LIGHT LOGIC SET	
	DROP WIPE FUNC SET	
	SECURITY ALARM SET(SIREN)	
	RAIN SEN WIP FUNC SET	
	Closed Throttle Position Learning	
	Enter Injector Calibration Data LEARNING	
	P062F EXCLUSIVE FUNCTION	
	ZFC VALVE RESET	
	OC DATA LEAR	
	ENTER INJECTOR CODES	
	FRONT RIGHT ACTUATOR	
	FRONT LEFT ACTUATOR	V
	REAR RIGHT ACTUATOR	V
	REAR LEFT ACTUATOR	V
	FOUR WHEEL ACTUATOR	V
	Steering Lock Release (Key ID Erase)	
	Idle Air Volume Learning(Quick TAS)	
	Initialization	
	G Sensor Calibration	
	EEPROM Clear Confirm	
	G Sensor Calibration	
	Target Idle RPM Adjustment	
	A/F INITIAL LEARNING	
	STRT OPRTN CNTR CLEAR	
	CML B/DCHRG CRNT CLEAR	
	CONFIRM KEY FOB ID	
	ANTI KEY LOCK IN FUNCTI	
	Deceleration G Sensor Calibration	
	Valve Calibration	
	TP Swich/TP Sensor Idle Position Adjust	
	Check Fuel Lines	
	V/T Control Learn	
	Ethanol M/R Adjust	
	EXH V/T Control Learn	
	SENSOR INITIALISE	
	TEMP Set Correct	
	REC Memory Set	
	FRE Memory Set	
	Blow Set	
	Gas Sensor Adjustment	
	Clean SW Set	
	Door Motor Starting Position Reset	
	Target Evaporator Temp Upper Limit Setting	
	Stop/Start System Operation Cond Setting	
	Air Inlet Change Setting	
	Air Flow Reduction Setting	
	Steering Angle Sensor Adjustment	
	STANDARD HEIGHT LEVEL	
	ADJUST HEIGHT INI	
	CLEAR HEIGHT INI	
	Corner Sensor Distance Set	
	Center Sensor Distance Set	
	Volume Setting	
	Trailer Hitch Mode	
	Injector Learning Value Clear	
	Mixture Ratio Learning Value Clear	
	After DPF Regeneration	
	After DPF Replacement	
	EGR Valve Programming	
	Air Damper Valve Programming	









Connector Type	System	System																														
		DTC Analysis	Data Analysis	Actuator	ECU Information	AT/CVT Learning Value Initialization	Airbag Setting	CVT Fluid Volume Adjustment	CVT Learning Value Set	Immobilizer Information	Key Register	Immobilizer	ID Code Read	Immobilizer Change(Register SK Code)	ECM Change(Register SKC/PWD)	ECU Reset	Reset Immobilize	Key	Injector calibration code	Initialize EGR valve data	Initialize inlet throttle valve data	Initialize diesel PF data	DPF Regeneration	Vehicle variant registration	Replace catalyst converter(W/ DPF)	Replace DPF(W/ DPF)	Replace differential pressure sensor(W/ DPF)	Reset oil pressure light(W/ DPF)	VIN Registration	Learning Value Initialization	Hydraulic Control Test	
16PIN	EPI(Engine/AT)	V	V	V	V														V	V	V	V	V	V	V	V	V	V	V	V		
	AT(CVT)	V	V	V	V	V		V	V																						V	
	ABS(VST/ESP)	V	V	V	V																											V
	EPS(Electric Power Steering)	V	V		V																											
	SRS Airbag	V	V		V		V																									
	SRS Airbag (8E)	V	V		V																											
	Air Conditioner	V	V		V																											
	BCM(Body Control Module)	V	V	V	V																											
	EMCD(Electro Magnetic Control Device)	V	V		V																											
	4WD(4 Wheel Drive)	V	V		V																											
	ACC(Auto Cruise Control System)	V			V																											
	Immobilizer	V	V		V						V	V	V	V	V	V	V	V														
	Keyless Start	V	V		V																											
	EV_Motor	V	V		V																											
EV_AC	V	V		V																												

System	DTC Analysis	Data Analysis	Actuator	ECU Information Display	Service Reset	AT bleeding mode	AT learning mode	AWD ON/OFF switching mode	Rear differential inspection mode	Force sensor calibration mode	Break in parking brake drive mode	Parking brake removal mode	Clutch engagement position setting	Clutch sensor calibration mode	Parameter initialization mode	ABS Sequence Control Mode	VDC Check Mode	Set Mode Str. A. Sen. N and Lat. G Sen. 0P	Function Check	Integ. Unit customizing	Program Keys	Ignition timing adjustment	Idle adjustment with A/C off	Idle adjustment with A/C on
Engine	V	V		V	V																	V	V	V
AT(Auto Transmission)	V	V		V		V	V	V	V															
ABS(Antilocked Braking System)	V	V		V												V	V	V						
EPB(Electronic parking brake)	V	V		V						V	V	V	V	V	V									
SRS Airbag	V			V																				
BCM(Body Control Module)	V	V	V	V															V	V				
Immobiliser(beta ver)																					V			





**Mazda (General)**

**GIT Vehicle Coverage Table**

As of April. 1st. 2013

Connector		System	
16PIN	PCM(Engine)	V	V
	TCM(AT)	V	V
	ABS	V	V
	SRS Airbag	V	V
	PATS		V
	SRS Airbag	V	
	PCM(Engine)	V	V
	TCM(AT)	V	V
	ABS	V	V
	SRS Airbag	V	V
17PIN	Pulse Reading	V	
	DTC Analysis		
	Freeze frame		
	Data Analysis		
	Actuation Test		
	ECU information		
	TEN-GND		
	Special service mode		
	Brake Fluid Pressure Sensor Initialize		
	Lateral Acceleration Sensor Initialize		
Yaw Rate Sensor			
Calibration After Parts Removal or Replacement			
Restoration Procedure for DTC C1B00_95			
Restoration Procedure for DTC C1B00_54			
Neutral Position Setting			
Injector Correction Factors			
Static Regeneration			
Reset Particulate Filter Learned Values			
Reset EGR Valve Position Offset			
Reset EGR Throttle Valve Position			
Reset Charge Air Cooler Bypass Valve Position Offset			
Reset Engine Coolant FAN Learning			
DPF Reset			
DPF Assessment			
DPF Regeneration			
PCM Data Reset			
Engine oil reset			
Fuel pump reset			
Injector reset			
MAF sensor reset			
O2/Air Fuel Ratio (A/F) Sensor			
DPF Pressure sensor reset			
DPF Data Reset			
ETB/EGR Reset			
ETB/EGR Initialization			
O2 Sensor Reset			
Longitudinal Acceleration Sensor			
Air Mix Actuator			
Air Intake Actuator/Air conditioning compressor			
Illumination Of All Indicator Lights			
Blower Motor Speed			
Airflow Mode Actuator			
GEM Reset			
Rain Sensor Reset			
Steering lock unit programming		V	
Advanced key erase and program		V	
Program additional advanced keys		V	
Program additional ignition key		V	
Ignition Key code Erase and Program		V	
Customer spare key Programming Enable		V	
Customer spare key Programming Disable		V	
Parameter Reset		V	
Remote programming mode		V	
Steering Angle Sensor			
Urea Hose Leak Test			
Urea Injector Test			
Urea Pump Test			













Connector Type	SYSTEM	DTC Analysis	DTC EraseMemory	Data Analysis	Actuation Test	ECU Information Display	Injector ID Code Check	DPF Regeneration (Manual)	DPF Related Information Reset	SCR Related Information Reset	Supply Pump Initialization	ECU RESTART	ECU Memory Reset	A/T Communication Record Reset	Refreshing Mode for Urea Deposit	Reset of oil monitoring	Airflow Sensor No. Information Writing																																	
16 PIN	Engine	V	V	V	V	V	V	V	V	V			V	V	V	V																																		
	Transmission	V	V	V	V	V								V	V	V																																		
	ISS	V	V			V																																												
	Integration Control	V	V	V		V																																												
	Motor Control	V	V			V																																												
	Battery Control	V	V	V		V																																												
	SCR	V	V	V		V																																												
	Air Suspension	V	V	V	V	V																																												
	ABS	V	V	V	V	V							V																																					
	EZGO	V	V	V		V								V																																				
	MBECS	V	V			V																																												
	Retarder	V	V	V		V							V																																					
	SRS Airbag	V	V	V		V																																												
	SWS	V	V			V																																												
	MDAS	V	V	V		V																																												
	Distance Warning	V	V	V		V																																												
	MILS	V	V			V																																												
	Headlamp Auto-Leveling	V	V	V		V																																												
	SAM	V	V			V																																												
	Instrument	V	V			V																																												
Immobilizer	V	V			V																																													

Connector Type			SYSTEM																							
			DTC Analysis																							
			DTC EraseMemory	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	
			Data Analysis	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	
			Actuation Test	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	
			ECU Information Display	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	
			DPR Forced Regeneration	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	
			Injector Compensation	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	
			Supply Pump Initialization	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	
			Injector ID Code Verification	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	
			Injector Compensation(Replacing ECU)	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	
			Air Bleeder	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	
			DPR Status Check	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	
			Reset All DPR Status	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	
			Manual Regeneration	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	
			DPR Differential Pressure Check	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	
			Suction Air Volume Check	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	
			EGR Check	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	
			VNT Check	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	
			Fuel Leak Check	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	
Supply Pump Specification Learning	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V				
Check Turbocharger	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V				
Drive Accelerator Sensor Adjust	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V				
Maximum Cruise Control Speed Setting	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V				
Maximum Vehicle Speed Setting	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V				
Frequency Of Mode Use	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V				
Clock Setup	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V				
Initialize intake throttle valve	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V				











Connector Type	System	DTC Analysis	DTC mode	Freeze Frame	Data Analysis	Actuator	ECU Information Display	T_ONOFF	Secondary Repair Air Bleeding Drive	CVT ECU Initial Learning	Radar Cruise Optical Adjustment	Roof ECU Initialization			
16-pin	EFI (Engine)	V		V	V	V	V	V							
	AT	V		V	V	V									
	CVT	V		V	V		V			V					
	ABS(Antilocked Braking System)	V	V	V	V	V			V						
	DVS(Daihatsu Vehicle Stability control system)	V	V	V	V	V									
	SRS Airbag	V													
	EPS(Electric Power Steering)	V	V	V	V										
	KFS (Key Free System)	V			V	V									
	4WD (4 Wheel Drive)	V			V										
	ITC (Intergrated Timer Control)	V			V	V									
	Power (Push Start)	V													
	ACC (Adaptive Cruise Control)	V									V				
	Immobilizer	V													
	Roof	V		V	V	V						V			
	ERS (Idle Stop)	V					V	V							
	Pre-crash Seat Belt	V					V	V							
IMG (Lane Keeping Assist)	V					V	V								

System	DTC Analysis	Data Analysis	Actuation Test	Identification	Special Function
ENGINE	V	V	V		
SRS-AIRBAG	V	V			
Engine	V	V	V	V	Initializing the autoadaptives, Configuration View Only, Auto Configuration
Automatic Transaxle	V	V	V	V	AT Initializing the autoadaptive
Driver information / Communication	V	V	V	V	VIN Code Radio Configuration
Visibility/Lighting	V	-	-	V	-
Airbag	V	V	-	V	Airbag Configuration & Lock & Unlock
Active Safety	V	V	V	V	Draining Simulation Bleeding
Built-In system interface	V	V	V	V	ECUs Present Customer Option Maintenance VIN code Programming by default Customer mode Engine immobilizer code and key Resetting to zero

SYSTEM	DTC Analysis	DTC Clear	Data Analysis	Actuator	ECU INFORMATION	Engine Key Code Registration, VIN Writing	Engine Key Code Reg	Keyless ID Reg	Key Registration	CVT Oil Degradation level	Operating Time	Remote Keyless Entry Initialization	Clear Alarm Trigger History	Alarm System	ATWS LED	Self Test	Extra reminder Cancel	Extra reminder Setting	Integrated Value Adjustment	Next Schedule Reminder Cancel	Periodic Reminder Schedule Set	Reminder Reset(Indicator Off)	Otional INT Schedule Setting	Learned Value Reset	THROTTLE BODY LEARNING	VARIANT CODING	FIRST INITIALISATION	ADJUST IDLE SPEED MANUAL OR AUTOMATIC PIN	ADJUST IDLE SPEED AUTO D	SIEMENS IMMOBILIZER KEY CODING	SIEMENS IMMOBILIZER KEY CLEAR	MISFIRE TEST	ADJUSTIGNITION TIMING	FUNCTION CODING	ALTER IDLE SPEED	READ OIL COUNT	READ OIL CHANGE DATE	READ AFTER SALES DATE	ADD_1001700	ADD_1001700							
ENGINE(ECU)	V	V	V	V	V																			V	V	V	V	V			V	V	V	V													
ATM(TCU)	V	V	V	V	V					V																											V	V	V	V	V						
ABS	V	V	V	V	V																																										
EPS	V	V	V	V	V																																										
SRS-AIRBAG	V	V	V		V																																										
BCM	V	V	V	V	V							V	V	V	V	V																															
SRS	V	V	V	V	V					V																																					
Engine	V	V	V	V	V																		V																								
AC	V	V	V	V	V																																										
ETACS	V	V	V	V	V																																										
Meter	V	V	V	V	V												V	V	V	V	V	V	V																								
Immo	V	V	V		V	V	V	V	V																					V	V																

SYSTEM	WRITE OIL CHANGE DATE	REINIT OIL COUNTER	REINIT AUTO ADAPTIVE	NOTE OIL COUNT	REINIT CONVERTOR LOCKUP ADAPIVE	EBC430 REPAIR CYCLE	Repair Bleeding	LOCKING OF IGNITION	UNLOCKING OF IGNITION	READ DATE OF AFTER SALES	WRITE DATE OF AFTER SALES	REINITIALISE PROGRAMMING	INJ CONTROL LOCKED	CHANGE SETTING LAST SERVICE DATE	CHANGE SETTING LAST CLUTCH REPLACEMENT	CHANGE SETTING INITIALISATION CLUTCH CLOSED POSITION	ERASE MENU RESET CLUTCH KISS POINT	ERASE MENU PROGRAMMING RESET	ERASE MENU INITIALISATION CLUTCH CLOSED POSITION	GEAR SHIFTING GRID SELF TEST	HYDRAULIC PUMP DISABLE SELF TEST	HYDRAULIC PUMP ENABLE SELF TEST	BLEED CLUTCH PHASE 1 SELF TEST	BLEED CLUTCH PHASE 2 SELF TEST	BLEED HYDRAULIC UNIT SELF TEST	FORCE NEUTRAL SELF TEST	TEST ALL ACTUATORS SELF TEST	FORCE REVERSE SELF TEST	PURGE PRESSURE ACCUMULATION SELF TEST	TEVES MK60 ABS BLEED	MMC IMMOBILIZER KEY ID REGISTER	MMC IMMOBILIZER CHANGE PASSWORD	Head lamp Auto leveling Diag mode	Customization	Customization Reset	Theft alarm	Emission Gas Mode	Sensor Calibration										
ENGINE(ECU)												V	V																																			
ATM(TCU)	V	V	V	V	V									V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V																			
ABS						V	V																																	V	V							
EPS																																																
SRS-AIRBAG								V	V	V	V																																					
BCM																																																
SRS																																																
Engine																																																
AC																																																
ETACS																																																
Meter																																																
Immo																																																

System	DTC Analysis	DTC Mode	FREEZE FRAME	Data Analysis	Actuation Test	ECU INFORMATIN	T_ONOFF	Secondary Repair Air Bleeding Drive	AT Learning Value Clear	Reset Memory	Initialization of immobilizer											
EFI	V		V	V	V	V	V			V												
A/T	V		V	V	V	V			V	V												
ABS	V	V	V	V	V			V														
SRS-AIRBAG	V																					
IMB	V			V		V					V											

System	DTC Analysis	Data Analysis	Actuator	ECU Information Display	EBCM Air Bleeding	AT(TCM) Learning Value Initialization	Fault Continuation Time Check	Open/Closed Loop Check	Hydraulic System Test	TCC Solenoid Adjustment	PCS Current Adjustment	Shift Gear Command	Manual Control	Gear Tension	Return to the Motor Home Position						
POWERTRAIN	V	V	V	V		V		V		V	V	V									
BODY	V	V	V	V	V		V		V				V	V	V						
CHASSIS	V	V	V	V	V								V	V	V						

\* For newer Daewoo models, refer to the separate "Chevrolet - GM Daewoo" coverage list.













System	DTC Analysis	Data Analysis	Actuation Test	System Identification	Service Reset	CBS Reset	CBS Reset (manual)	CAS Reset	Handset log-on	Teach In Components	Reset All Adaptation Values	ECU Coding information	Remote key initialisation	Rain sensor initialisation	Sensitivity level	Bleed	Brake line check	Steering matching	Lateral acceleration sensor	Pressure sensors	Register Battery Replacement	Steering Angle Sensor Adjustment	Rotation Rate Sensor	Lateral Acceleration Sensor	Steering Angle Sensor Adjustment	Rotation Rate Sensor	Lateral Acceleration Sensor	Abbreviations
Support Function	V	V	V	V	V	V	V				V	V																
Engine	V	V	V	V							V	V									V							
Auto Transaxle	V	V	V	V						V	V	V																
Chassis	V	V	V	V												V	V	V	V	V		V	V	V	V	V	V	
Body	V	V	V	V					V			V		V	V													
Information	V	V	V	V	V																							
Air Conditioning	V	V	V	V																								
Immobilizer	V	V	V	V				V																				
Drive	V	V	V	V				V		V	V	V																
Maintenance	V	V	V	V	V	V	V						V															V

System	System 2	DTC Analysis	Data Analysis	Actuation Test	System Identification	Service Reset	CBS Reset	CAS Reset	Reset All Adaptation Values	Teach In Components
Drive	DME	V	V	V	V				V	V
Chassis	ABS/ASC/DSC	V	V	V	V					
Body	AIC(Automatic Interval Control)	V	V	V	V	V				
Engine	EGS(Electronic transmission control)	V	V	V	V				V	V
Information	INSTR(Instrument cluster)	V			V	V				
Air Conditioning	IHS(Integrated heating control)	V			V					
Immobilizer	CAS(Car access system)	V	V		V			V		

System	DTC Analysis	Basic Setting	Read Measuring Value Block	Read Independent Value	Code Control	Adaptation Control	Actuation Test	Login Control	System Information	Service Reminder Reset	Instruments Option Coding	Instrument Cluster Language	Recode Module	ESI Resetting	Quick Search	Quick Erase	Reset of All adaptation	System Abbreviation
Maintenance	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V		V
Common	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	
Powertrain	V	V	V	V	V	V	V	V	V				V				V	
Chassis	V	V	V	V	V	V	V	V	V				V					
Body	V	V	V	V	V	V	V	V	V				V		V			
Information and Communication	V	V	V	V	V	V	V	V	V	V	V	V	V					
Seats and Doors	V	V	V	V	V	V	V	V	V				V					
Air Conditioning	V	V	V	V	V	V	V	V	V				V					

System	DTC Analysis	Actuation Test	Service Reminder Reset	AWD-Longitudinal acceleration sensor calibration(BETA)	AWD-Yaw late sensor calibration(BETA)	AWD-Pressure sensor calibration(BETA)	2WD-Lateral acceleration sensor calibration(BETA)	Data Analysis	Service information	Apply parking brake(BETA)	Release parking brake(BETA)	Active service mode(BETA)	Deactive service mode(BETA)	AWD-Steering angle calibration(BETA)	AWD-Lateral acceleration sensor calibration(BETA)	Technical Information	System Identification																											
ECM(Engine Control Module)	V															V																												
TCM(Transmission Control Module)	V															V																												
BCM Service Function				V	V	V	V	V	V																																			
PBM Service Function										V	V	V	V	V	V																													
ABS(Anti-Lock Brake System)	V															V																												
SRS(Supplemental Restraint System)	V															V																												
CEM(Central Electrical Module)	V	V														V																												
DIM(Driver Information Module)	V	V	V													V																												
DDM(Driver Door Module)	V	V														V																												
PDM(Passenger Door Module)	V	V														V																												
PSM(Power Seat Module)	V	V														V																												
CCM(Climate Control Module)	V															V																												
SAS(Steering Wheel Angle Sensor Module)	V															V																												
UEM(Up Electrical Module)	V															V																												
REM(Rear Electrical Module)	V															V																												
AUM(Audio Module)	V															V																												
Service Reminder Reset			V																																									
Technical Information																V																												

System	DTC Analysis	Basic Setting	Read Measuring Value Block	Read Independent Value	Code Control	Adaptation Control	Actuation Test	Login Control	System Information	Service Reminder Reset	Instruments Option Coding	Instrument Cluster Language	Recode Module	ESI Resetting	Quick Search	Quick Erase	Reset of All adaptation	System Abbreviation
Maintenance	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V		V
Common	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	
Powertrain	V	V	V	V	V	V	V	V	V				V				V	
Chassis	V	V	V	V	V	V	V	V	V				V					
Body	V	V	V	V	V	V	V	V	V				V		V			
Information and Communication	V	V	V	V	V	V	V	V	V	V	V	V	V					
Seats and Doors	V	V	V	V	V	V	V	V	V				V					
Air Conditioning	V	V	V	V	V	V	V	V	V				V					



System	DTC	Sensor	ACT	ECU Info	R/W VIN	Read VIN	Reset ECU	Program Tire
ECM(Engine Control Module)	V	V	V	V	V		V	
TCM(Transmission Control Module)	V	V	V	V	V		V	
ABS(Anti-Lock Brake System)	V	V	V	V		V	V	
SRS(Supplemental Restraint System)	V	V		V		V	V	
BCM(Body Control Modules)	V	V	V	V		V	V	
WCM(Wireless Control Modules)	V	V	V	V		V	V	V
CCN(Cabin Compartment)	V	V	V	V		V	V	
DDM(Driver Door Module)	V	V	V	V		V	V	
PDM(Passenger Door Module)	V	V	V	V		V	V	
AMP(Amplifier)	V	V		V		V	V	
AWD/FDCM	V			V		V		
SAS(Steering Angle Sensor)	V	V		V		V	V	
HVAC(Heat Ventilation and A/C)	V	V	V	V		V	V	
MSMD	V			V		V	V	
Radio	V	V		V		V	V	
HFM(Hands Free Module)	V	V		V		V	V	
EOM(ELECTRIC OVERHEAD MODULE)	V	V		V		V	V	













System	DTC Analysis	Erase	Data Analysis	Actuation Test	Identification	Special Function
Engine	V	V	V	V	V	
ABS	V	V	V	V	V	Bleeding ESC RESET ESC Special Sensor Calibration Air Bleeding ABS Air Bleeding ESC
BCM	V	V	V	V	-	
Immo	V	V	V	-	V	
A/T	V	V	V	V	V	
SRS	V	V	V	-	V	
IP	V	V	-	V	V	
ISU	-		V	V	V	
EPS	V	V	V			Tuning Table Position Sensor EOL Calibration
ICM	V	V	V	V	V	ECU Reset Reset Car Maintenance Car Maintenance Function Warning LED
TPMS	V	V	V		V	
AT	V	V	V	V		



System	DTC	CURR	ACT	ECUINFOR	Program CAN configuration	Injector Cutoff Test	Adjust idle speed	Adjust idle drive	Idle air control	RPM control	Injector Cutoff	Reset TC signal status	Reset learned values	Program idle speed	Reset Learned Valves	Fuel tank ventilation control	Electronic throttle control	Reset O2 loop block learn map	Learn crank angle sensing error	EGR control	Reset TC signal status	Steering angle sensor calibration	Program transponder key	Erase transponder key	Reset Immobilizer	Program Immobilizer output	Reset service interval	Erase remote keys	Program remote key	Reset body control module	Program variant configuration	Read Variant Configuration	Clear Deployment Record	Reset IAC block learn map	Reset ECU	Fuel pump relay test	Program tyre circumference			
Engine	V	V	V	V	V	V	V	V	V	V	V		V	V	V	V	V	V	V	V																	V		V	V
Transmission	V	V	V	V								V	V		V						V															V				
Body	V	V	V	V																			V	V	V	V	V	V	V	V	V	V	V	V						
Chassis	V	V	V	V																		V																		
Infotainment System	V	V	V	V																							V													













System	ECU Info.	DTC	Sensor	Actuator	ECUs present	Customer options	Maintenance	VIN code	Programming by default	Forcing of the customer mode	Programming of the BSI	Resetting to zero of the service mileage	Configuration	Configuration of the various display modes	Configuration of options	Configuration of the various user languages	Telematics screen	Data communication ECU - VIN code	Manual configuration of the voice mail	Manual configuration of the ordinary SMSC number	Manual configuration of the emergency voice number for the emergency call	Battery replacement	Locking	Unlocking	Bleeding	Steering wheel angle sensor calibration	De-Steering of the steering wheel angle sensor	Initialising the autoadaptives	Service zero reset	
Built-in systems interface	V	V	V	V	V	V	V	V	V	V	V	V																		
Alarm	V	V	-	V									V																	
Driver information / Communication	V	V	V	V									V	V	V	V	V	V	V	V	V	V								
Airbags	V	V	V	-									V										V	V						
Control the openings	V	V	V	V									V																	
Heating / ventilation	V	V	V	V									V																	
Active safety	V	V	V	V									V													V	V	V		
Engines / automatic gearbox	V	V	V	V																									V	
Electric pump unit (power steering)	V	V	V	-																										
Driving assistance / Comfort	V	V	V	V																										
Built-in systems interface	V	V	V	V																										
Inform the driver / Audio / Communication	V	V	V	V																										V
Roll-over ECU	V	V	V	-																										
Vehicle protection / Management of accesses	V	V	V	V																										
Visibility / Lighting / Signalling	V	V	V	V																										
Active and passive safety	V	V	V	V																										



System	DTC Analysis	Data Analysis	Actuation Test	Identification	Special Function
Engine	V	V	V	V	Reset Adaptation
Immobilizer	V	V	V	V	Immobilizer
Active Safety	V	V	V	V	Draining Simulation
Airbag	V	-	V	V	-
Anti-lock brake system	V	-	V	V	-
Built-in systems interface	V	-	V	V	-
Switch module under the steering wheel	V	-	V	V	-
Rain sensor / Brightness	V	-	V	V	-
Driver's door module	V	-	V	V	-
Passenger's door module	V	-	V	V	-
Parking aid	V	-	V	V	-
Instrument panel	V	-	V	V	-
Radio	V	-	V	V	-
Multifunction	V	-	V	V	-
Air conditioning	V	-	V	V	-

System	DTC Analysis	Erase	Data Analysis	Actuation Test	ECU Information Display	Special Function
ENGINE	V	V	V	V	V	Reset On Ignition, Reset Initialization, Engine Start Parameter Idle Speed, CO Trimming XX, CO Trimming
ABS	V	V	V		V	
AIRBAG	V	V	V	V	V	
CLIMATE CONTROL	V	V	V	V	V	
STEERING	V	V	V		V	Reset On Ignition, Reset Initialization
BODY ELECTONIC	V	V	V	V	V	
IMMOBILIZER			V	V		





System 1	DTC Analysis	Data Analysis	Actuator	ECU Information	Read IQA Code	Write IQA Code	Adjust Idle	ECU replacement	ECU reset	Air Bleeding
EDC16C8	V	V	V	V	V	V	V	V		
EDC16C39	V	V	V	V	V	V	V	V		
EDC17C04	V	V	V	V	V	V			V	
EDC16C39	V	V	V	V	V	V	V	V		
EDC17C55	V	V	V	V	V	V			V	
All	V	V		V						V
Gasoline	V	V	V	V						
Diesel	V	V	V	V						
GAS	V	V	V	V						
ABS	V	V	V	V						
Variable P.A.S	V	V	V	V						
UCH	V	V	V	V						
Airbag / Pretensioners	V	V	V	V						

Connector Type	System	16PIN CONNECTOR																													
		DTC Analysis	Data Analysis	Actuator	ECU Information	AT/CVT Learning Value Initialization	Airbag Setting	CVT Fluid Volume Adjustment	CVT Learning Value Set	Immobilizer Information	Key Register	Immobilizer	ID Code Read	Immobilizer Change(Register SK Code)	ECM Change(Register SKC/PWD)	ECU Reset	Reset Immobilize	Key	Injector calibration code	Initialize EGR valve data	Initialize inlet throttle valve data	Initialize diesel PF data	DPF Regeneration	Vehicle variant registration	Replace catalyst converter(W/ DPF)	Replace DPF(W/ DPF)	Replace differential pressure sensor(W/ DPF)	Reset oil pressure light(W/ DPF)	VIN Registration	Learning Value Initialization	Hydraulic Control Test
	EPI(Engine/AT)	V	V	V	V														V	V	V	V	V	V	V	V	V	V			
	AT(CVT)	V	V	V	V	V		V	V																					V	
	ABS(VST/ESP)	V	V	V	V																										V
	EPS(Electric Power Steering)	V	V		V																										
	SRS Airbag	V	V		V		V																								
	SRS Airbag (8E)	V	V		V																										
	Air Conditioner	V	V		V																										
	BCM(Body Control Module)	V	V	V	V																										
	EMCD(Electro Magnetic Control Device)	V	V		V																										
	4WD(4 Wheel Drive)	V	V		V																										
	ACC(Auto Cruise Control System)	V			V																										
	Immobilizer	V	V		V					V	V	V	V	V	V	V	V														
	Keyless Start	V	V		V																										
	EV_Motor	V	V		V																										
	EV_AC	V	V		V																										

System	DTC Analysis	Data Analysis	Actuator	ECU Information	ECU Reset	Leak Detection Test	Read C2I Data	Write C2I Data	VIN Write	After Sale Data	I2C Read	Injector Write	Small Injection Correction 1	Small Injection Correction 2 Injector In Cylinder	Multijet Adaptive Control 1	Multijet Adaptive Control 2	Flywheel 60 2 Tooth Flywheel	Air Bleeding																				
EMS MPFI PETROL	V	V	V	V	V																																	
EMS MPFI LPG	V	V	V	V		V	V	V	V																													
EMS(DPCN)	V	V	V	V						V																												
VISTA/MASZA DIESEL	V	V	V	V	V						V	V	V	V	V	V	V																					
ABS	V	V	V	V															V																			
SRS	V			V																																		
BCM	V	V	V	V																																		

System	DTC	Sensor	ACT	ECU Info	R/W VIN	Read VIN	Reset ECU	Program Tire
ECM(Engine Control Module)	V	V	V	V	V		V	
TCM(Transmission Control Module)	V	V	V	V	V		V	
ABS(Anti-Lock Brake System)	V	V	V	V		V	V	
SRS(Supplemental Restraint System)	V	V		V		V	V	
BCM(Body Control Modules)	V	V	V	V		V	V	
WCM(Wireless Control Modules)	V	V	V	V		V	V	V
CCN(Cabin Compartment)	V	V	V	V		V	V	
DDM(Driver Door Module)	V	V	V	V		V	V	
PDM(Passenger Door Module)	V	V	V	V		V	V	
AMP(Amplifier)	V	V		V		V	V	
AWD/FDCM	V			V		V		
SAS(Steering Angle Sensor)	V	V		V		V	V	
HVAC(Heat Ventilation and A/C)	V	V	V	V		V	V	
MSMD	V			V		V	V	
Radio	V	V		V		V	V	
HFM(Hands Free Module)	V	V		V		V	V	
EOM(ELECTRIC OVERHEAD MODULE)	V	V		V		V	V	



System	DTC	Sensor	ACT	ECU Info	R/W VIN	Read VIN	Reset ECU	Program Tire
ECM(Engine Control Module)	V	V	V	V	V		V	
TCM(Transmission Control Module)	V	V	V	V	V		V	
ABS(Anti-Lock Brake System)	V	V	V	V		V	V	
SRS(Supplemental Restraint System)	V	V		V		V	V	
BCM(Body Control Modules)	V	V	V	V		V	V	
WCM(Wireless Control Modules)	V	V	V	V		V	V	V
CCN(Cabin Compartment)	V	V	V	V		V	V	
DDM(Driver Door Module)	V	V	V	V		V	V	
PDM(Passenger Door Module)	V	V	V	V		V	V	
AMP(Amplifier)	V	V		V		V	V	
AWD/FDCM	V			V		V		
SAS(Steering Angle Sensor)	V	V		V		V	V	
HVAC(Heat Ventilation and A/C)	V	V	V	V		V	V	
MSMD	V			V		V	V	
Radio	V	V		V		V	V	
HFM(Hands Free Module)	V	V		V		V	V	
EOM(ELECTRIC OVERHEAD MODULE)	V	V		V		V	V	

System	DTC Analysis	Data Analysis	Actuation Test	Identification	Special Function
Engine	V	V	V	V	Initialising the autoadaptives, Adaptive value resetting Cruise Control Activation, Reset Adaptation Value Setting of CNG tanks, Initialising the autoadaptives
ABS	V	V	V	V	Bleeding
AirBag	V	-	-	V	-
Multiplex	V	V	V	V	-
Key Learning	-	-	-	-	Immobilizer
ECU Reset	V	-	-	-	ECU Reset
IMMOBILIZER	V	V	-	-	Immobilizer, ICU Change

System	DTC	Sensor	ACT	ECU Info																											
Engine	V	V																													
Transmission	V	V																													
PTO (Power Take Off)	V	V																													
Instrument	V	V																													
Tire	V	V																													
Engine_128	V	V	V																												
Transmission_130	V	V	V																												
Brake_136	V	V	V																												
Instrument Cluster_140	V	V	V																												
Vehicle Management System_142	V	V	V																												
Fuel System_143	V	V	V																												
Cruise Control_144	V	V	V																												
Cab Climate Control_146	V	V	V																												
Particulate Trap System_177	V	V	V																												

System1	DTC	CURR	ACT	ECUINFOR	Customer Specific Data	Vehicle Identification Number	Production Date	Input Safety Code	Set Safety Code	Read immobilizer to EMS	Read EMS to immobilizer	Key learning	Key erasing	Immobilizer reset	EMS reset																									
Engine	V	V	V	V																																				
SRS	V	V	V	V	V	V	V																																	
ABS	V	V	V	V																																				
ITM	V			V																																				
Immobilizer	V	V		V				V	V	V	V	V	V	V	V																									
BCM	V	V	V																																					
ICM	V	V	V	V																																				

System1	DTC	CURR	ACT	ECUINFOR	TWC Diagnose at Idle	Tooth Learned	O2 Feedback Diagnosis	Repair Bleeding	Read Injector Code	Write Injector																																							
Engine	V	V	V	V	V	V	V		V	V																																							
ABS	V	V	V	V				V																																									
SRS	V	V		V																																													
BCM	V	V	V	V																																													
Immobilizer	V	V		V																																													

System	DTC	CURR	ACT	ECUINFOR	Brake Exhaust	Write Date of Production	Write Date of Last Service	Vehicle Identification Number																													
Engine	V	V	V																																		
ABS	V	V	V		V																																
SRS	V	V		V		V	V	V																													