

# G-Scan Coverage List

As of 1 October, 2013



 **EZDS**, the new aftermarket frontier of   
EZDS HYDROLOGIC SYSTEM

Ver. 17.1 October 2013











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 WHEEL Steering)	✓		
	ETCS	✓		
		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			
	Maintenance Mode 2WD (Exhaust Measurement)			





Connector Type	System																																				
	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)																																				
	Pilot Quantity Learning																																				
	Pilot Quantity Learning Values Reset																																				
	Pilot Quantity Learning Values Clear																																				
	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
		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
		WVEL 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
		ID READ
		ID REGIST
16PIN	Air Pressure Monitor	
	Multi AV	
	E-SUS	
	Auto Back Door	
	Rearview Camera	
	S/Blind Camera	
	Air Levelizer	
	Air Levelizer	
	Diff Lock	
	Sonar	
Hybrid		
14PIN	Engine	
	AT	
	CVT	
	ABS	
	Airbag	
	All Mode 4WD	
		V

connector		System
		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
		CMIL B/DCHRG CRNT CLEAR
		CONFIRM KEY FOB ID
		ANTI KEY LOCK IN FUNCTI
		Deceleration G Sensor Calibration
		Valve Calibration
		TP Switch/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
		CC/SL Programming
		E/O CC/SL Programming
		FLYWHL TGT Programming
16PIN		Air Pressure Monitor
		Multi AV
		E-SUS
		Auto Back Door
		Rearview Camera
		S/Blind Camera
		Air Levelizer
		Air Levelizer
		Diff Lock
		Sonar
	Hybrid	
14PIN		Engine
		AT
		CVT
		ABS
		Airbag
		All Mode 4WD







Connector Type		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	Registration	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				
	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	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			





Connector		System									
16PIN	PCM(Engine)	V	V	V	V	V					
	TCM(AT)	V		V	V	V					
	ABS	V		V	V						
	SRS Airbag	V		V							
	PATS						V				
	SRS Airbag	V									
	PCM(Engine)	V	V	V	V		V				
	TCM(AT)	V		V	V						
	ABS	V		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	V	V	V	
Advanced key erase and program											
Program additional advanced keys											
Program additional ignition key											
Ignition Key code Erase and Program							V	V	V	V	
Customer spare key Programming Enable											
Customer spare key Programming Disable							V	V	V	V	
Parameter Reset											
Remote programming mode											
Steering Angle Sensor											
Urea Hose Leak Test											
Urea Injector Test											
Urea Pump Test											













System	Resume Transmission Adaptive Learning	TPMS Reset	RCM Module Installation	Injector amount correction learning	EGR Valve initialization	Electronic throttle body initialization	Turbo charger initialization																															
OCSM																																						
LTM																																						
BCM/GEM																																						
VSM																																						
FACM																																						
AFS																																						
SRS Airbag																																						
LPSDM																																						
RPSDM																																						
RHID																																						
LHID																																						
MPM																																						
ACM																																						
BCM																																						
DDM																																						
FCDIM																																						
HVAC																																						
IPC																																						
PAM																																						
PDM																																						
SRM																																						
TBM																																						
TRM																																						
RHT																																						
TPM																																						













Connector Type	System 1	DTC Analysis	Data Analysis	Actuator	ECU Information Display	CVT ECU Initial Learning	Radar Cruise Optical Adjustment	Secondary Repair Air Bleeding Drive	Roof ECU Initialization							
16Pin	EFI(Engine)	V	V	V	V											
	AT	V	V	V												
	CVT	V	V		V	V										
	eco IDLE	V		V	V											
	ERS(Idle Stop)	V			V											
	POWER(PUSH START)	V														
	ACC(Adaptive Cruise Control)	V					V									
	IMG(Lane Keeping Assist)	V			V											
	DSS(Precrash Safefy System)	V			V											
	ABS	V	V	V				V								
	ABS/VSC	V	V	V	V											
	DVS(Daihatsu Vehicle Stability control system)	V	V	V												
	4WD(4 Wheel Drive)	V	V													
	EPS(Electric Power Steering)	V	V													
	SRS AIRBAG	V														
	ITC(Intergrated Timer Control)	V	V	V												
	Immobilizer	V														
	KFS(Key Free System)	V	V	V												
	Roof	V	V	V					V							
	Pre-crash Seat Belt(Driver Seat)	V			V											
Pre-crash Seat Belt(Passenger Seat)	V			V												
Meter	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 INFORMATIN	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 P/N	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	V																					
Immo	V	V	V		V	V	V	V	V																						V	V													



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	System Identification				System Information				BCM Security Information and Program				TPMS Initialization				Idle learn				Throttle body relearn				Extra Remote Key				All New Key				Commodore VS BCM Security Information and Program				Commodore VS BCM Extra Remote Key				Commodore VS BCM All New Key				ECM install				VT_Power Balance				ABS_Auto Test				Battery saver shut down time				INSTRUMENT Configuration				Commodore Instrument Fuel Gauge Calibration				VX_Power Balance				V8 Configuration				Configuration V6 / V6 SC				Configuration V6 LPG				Configuration V8 AWD				PIM link to ECM			
	DTC	CURR	ACT	ECUINFOR	Read BCM Security code	PIM install(GEN III)	PIM install(V8 GEN IV)	Program Variant Configuration	BCM Security Information and Program	BCM Link to PCM(PIM)	Reset PIM	Reset ECM	TPMS Initialization	Idle learn	Throttle body relearn	Extra Remote Key	All New Key	Commodore VS BCM Security Information and Program	Commodore VS BCM Extra Remote Key	Commodore VS BCM All New Key	ECM install	VT_Power Balance	ABS_Auto Test	Battery saver shut down time	INSTRUMENT Configuration	Commodore Instrument Fuel Gauge Calibration	VX_Power Balance	V8 Configuration	Configuration V6 / V6 SC	Configuration V6 LPG	Configuration V8 AWD	PIM link to ECM																																																												
POWERTRAIN	V	V	V	V																																																																																								
BODY	V	V	V	V																																																																																								
CHASSIS	V	V	V	V																																																																																								
Information	V																																																																																											
Infotainment	V	V	V	V																																																																																								
Engine	V	V	V	V																																																																																								
Transmission	V	V	V	V																																																																																								

System	VT_ABS_Auto Test	Calibrate steering angle sensor	BCM User Setting	BCM Option	BCM Install	PIM Configuration	Program VIN	V6 Configuration	Reset Trip Comput	TAP CELLS RESET	THROTTLE BODY RELEARN	Calibration Steering Angle Sensor	VE_Brake Pedal Position Sensor Lea	VE_RFM_Additional_Remote	VE_RFM_Erase_Program_Remote	VE_SDM Primary key to BCM	Blower operating time rest	Calibration HVAC doors	Module installation	Reprogram All Transponder Key	Program Additional Keys	Oil life reset	Crankshaft position system variant reset	Auto Headlamp levelling	Facia Link to IRC	Intake CMP Actuator Bank 1	Exhaust CMP Actuator Bank 1	Intake CMP Actuator Bank 2	Exhaust CMP Actuator Bank 2	Actuator Recalibration	Read configuration	Fuel injector learn	Touch point adaptation	Fuel Rail Pressure Sensor Learn			
POWERTRAIN																									V	V	V	V									
BODY																																					
CHASSIS																																					
Information																																					
Infotainment																																					
Engine																																					
Transmission																																					

System	Engine oil life reset	Transmission Adaptive Pressure Reset	Range actuator learn	Yaw Rate Sensor Reset	Yaw Rate Sensor Learn	Steering Wheel Angle Sensor Reset	Steering Wheel Angle Sensor Learn	Key programming	Brake pedal position sensor learn	CAN Bus Configuration Learn	Clutch Fast Learn	Reset TCM Adaption Value	Solenoid Cleaning	Setup New SDM	SDM Reset	Adapt Reset	Power Mode	Brake Pedal	Odd Meter Reset	VIN Write	History of alarm	Button diagnosis	Transmitter coding	Park brake calibration	Steering angle sensor learn	Crankshaft position variant learn	Crankshaft position variant learn	Idle learn	Brake pedal position sensor learn	Fuel trim reset	DPF Reset	DPF Regeneration	Injector flow rate programming	Clutch pedal position learn			
POWERTRAIN	V										V	V	V							V					V	V	V	V	V	V	V	V	V	V			
BODY				V	V			V						V	V	V			V	V	V	V						V									
CHASSIS			V	V	V	V	V													V				V	V												
Information																																					
Infotainment																																					
Engine	V																																				
Transmission		V																																			

System	Intake manifold runner control valve learn	Fuel pressure regulator learn	Clutch pedal position learn	DPF Pressure sensor learn	Fuel rail(pressure sensor) learn	DPF Reset	Engine oil life reset	EGR Cooler run time counter reset	DPF Regeneration	Fuel Trim Reset	Reset TCM Adaption Valve	Line Pressure Control	Brake Pressure Sensor Calibration Unit	Configure New Module	Driver Seat Cushion Heating	Passenger Seat Cushion Heating	CO Adjustment(Leaded Fuel Onley)	ECM Segment	TEC Adaptation	Target Wheel Adaptation Value Read	Tec Learned Value Read	MEC Clear	EBCM Type	AT(TCM) Learning Value Initialization	Air Bleeding	ECU Reset	Clutch Padal Adapt(M/T)	Fuel Efficiency Check Mode(While Inspecting)	Fuel Efficiency Driving Mode(After Inspecting)	Crank Angle Re Adapt(TEC Learn)	Reset TCM Adaption Value	Vibration Rate Sensor Adat	Sub System HS Combination Setting	Sub System ECB Combination Setting		
POWERTRAIN	V	V	V	V	V	V	V	V	V	V	V	V					V	V	V	V	V	V	V													
BODY														V	V	V									V			V	V							
CHASSIS													V										V	V									V	V	V	
Information																																				
Infotainment																																				
Engine																																				
Transmission																																				

System	Fault Continuation Time Check	Driver Seat SBR Setup	Passenger Seat SBR Setup	Idling RPM Check	Fuel Trim Check	DPF Recycle	Cranking RPM Check	Sub-system Combination Setup	Tire Size Setting	Steering Angle Sensor Calibration	Yaw G Sensor Calibration	Open/Closed Loop Check	Hydraulic System Test	TCC Solenoid Adjustment	PCS Current Adjustment	Shift Gear Command	Manual Control	Gear Tension	Rank Information Program	TPMS ID Learn Mode	TPM Tire Type Setting	TPM Tire Pressure Unit Setting	Return to the Motor Home Position	Brake Adapt	SDM Primary Key in BCM	Reset Learned Value	Oil Remaining Life	ISU Key Coding	Immobilizer Learning	Rank Information Program	Wheel Circumference	Correction Factor Fuel Reset	Vehicle Variant Coding	Injector IQA Coding	
POWERTRAIN																									V	V		V	V	V	V	V	V	V	
BODY	V	V	V																	V	V	V		V	V		V								
CHASSIS									V										V																
Information																																			
Infotainment																																			
Engine																																			
Transmission																																			

System	Correction Factor Fuel Reset	EGR Cooler Reset	ECM Replace	Program idle speed	Reset Learned Valves	Fuel tank ventilation control	Electronic throttle control	RPM control	Injector cutoff test	Program transponder key	Erase transponder key	Reset service interval	Erase remote keys	Program remote key	Reset O2 loop block learn map	Learn crank angle sensing error	EGR control	Steering angle sensor calibration	Learn Functions	Reset Function	HO2S Heater learn	Automated Brake Bleed																	
POWERTRAIN	V	V	V																																				
BODY										V	V	V	V	V																									
CHASSIS																		V				V																	
Information																																							
Infotainment																																							
Engine				V	V	V	V	V	V						V	V	V																						
Transmission																																							





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	Clear Variable Line Pressure Counter	Reset ECU	Write VIN/VIN Writing	Reset Memory	Set Engine RPM	Injector Kill Test	VVT System Test	Intake phaser 1 Cleaning	Exhaust phaser 1 Cleaning	Intake phaser 2 Cleaning	Bleed Brakes	VIN Read	Accessory Time Delay	Add Navigation Radio	Change Country Code	Disable Radio clock Display	Enable DRL	Flash Hazard Lamps On Lock	Headlamp Delay Time	Headlamps On With Wipers	FCM Horn Chirp Duration	Illuminated Entry Time	Sound Horn On Lock	Antenna Loop Test	Change Language Preference	Update Measurement Unit	Unlock Driver Door On 1st Press	Seatbelt Alert Minder	Auto Door Unlock	Auto Door Lock	Radio Anti Theft Override Test	Radio Hard-Drive Back-Up	Radio Enable/Disable Front Video	Radio Tone Test	Drive All Motors	Easy Entry/Exit Feature	Key Fobs Linked To Memory Feature	Standardization Routine	Tilt Mirrors In Reverse Feature															
PCM (Powertrain Control Module)	V	V	V	V	V	V	V	V	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	V																																										
ORC (Occupant Restraint Control)	V	V		V		V											V																																									
CGW (Central Gateway)	V	V	V	V		V											V	V	V	V	V	V	V	V	V	V	V																															
WCM(Wireless Control Modules)	V	V	V	V		V											V												V																													
CCN	V	V	V	V		V											V												V	V	V	V	V	V																								
DDM (Drivers Door Module)	V	V	V	V		V											V																																									
PDM (Passenger Door Module)	V	V	V	V		V											V																																									
AMP (Audio)	V	V		V		V											V																																									
FDCM/AWD	V	V	V	V		V											V																																									
SAS (Steering Angle Sensor)	V	V		V		V											V																																									
HVAC (Heat Vent A/C)	V			V																																																						
MSMD (Memory Seet Module)	V	V		V		V											V																																									
RADIO (Radio)	V	V	V	V		V											V																																									
HFM (Hands Free Module)	V	V	V	V		V											V																																									
EOM (Electric Overhead Module)	V	V		V		V											V																																									

System	DTC/Erase	Current	Actuator	ECU INFO	ECU Information Display	key on engine off self test	Key on engine run self test	Calibration Audio configuration	Erase and program keys	Keyfob training	Body type	Exterior lighting	Climate control	Personality	Audio configuration	Incode Calculator	Vehicle Information	Reset KAM	Relearn Vehicle Data	Clear Transmission Adaptive Tables	Stop Use of Transmission Adaptive	Halt Transmission Adaptive Learning	Resume Transmission Adaptive Learning	ABS Service Bleed	ABS Installation	ON-Demand Self test	IC Installation	Power balance	IVD Initialization Sequence	RCM Module Installation	Yaw Rate Sensor	CEI Lock Configuration	Ignition Key Programming	Ignition Key Code Erase	Customer Spare Key Programming Enable	Customer Spare Key Programming Disable	Unlimited Key Mode OFF	Unlimited Key Mode ON	Parameter Reset	Parameter reset(LPG)	Passenger System Reset	Program additional Ignition Key												
VEHICLE INFORMATION																	V																																					
PCM(PowerTrain Control Module)	V	V	V	V													V	V	V	V	V	V				V																												
ABS(Anti-Lock Brake System)	V	V	V																					V	V	V	V	V																										
FSSM(Fire Suppression System Module)	V	V																																																				
IC(Instrument Cluster)	V	V	V																								V																											
RCM(Restraint Control Module)	V	V	V																							V	V		V																									
VDM(Vehicle Dynamic Module)	V	V	V																																																			
GEM(Generic Electronic Module)	V	V	V																							V	V																											
4X4(4x4 Control Module)	V	V	V																																																			
APIM(Accessory Protocol Control Module)	V	V																																																				
DSM(Driver's Seat Module)	V	V	V																																																			
GPSM(Global Positioning System Module)	V	V																																																				
HVAC(Heating Ventilation Air Conditioning)	V	V	V																																																			
LTM(Liftgate/Trunk Module)	V	V																																																				
OCSM(Occupant Classification System Module)	V	V																																																				
RETM(Rear Entertainment Module)	V	V																																																				
Immobilizer																																																						
DCSM(Driver-Dual Climate Control Seat Module)	V	V	V																																																			
DSP(Digital Signal Processor)	V	V																																																				
RCU(Audio Rear Control Unit)	V	V																																																				
TCM(Transmission Control Module)	V	V	V	V													V		V	V	V	V																																



System	DTC/Erase	Current	Actuator	ECU INFO	ECU Information Display	key on engine off self test	Key on engine run self test	Calibration Audio configuration	Erase and program keys	Keyfob training	Body type	Exterior lighting	Climate control	Personality	Audio configuration	Incode Calculator	Vehicle Information	Reset KAM	Relearn Vehicle Data	Clear Transmission Adaptive Tables	Stop Use of Transmission Adaptive	Halt Transmission Adaptive Learning	Resume Transmission Adaptive Learning	ABS Service Bleed	ABS Installation	ON-Demand Self test	IC Installation	Power balance	IVD Initialization Sequence	RCM Module Installation	Yaw Rate Sensor	CEI Lock Configuration	Ignition Key Programming	Ignition Key Code Erase	Customer Spare Key Programming Enable	Customer Spare Key Programming Disable	Unlimited Key Mode OFF	Unlimited Key Mode ON	Parameter Reset	Parameter reset(LPG)	Passenger System Reset	Program additional Ignition Key	
SCCM(Steering Column Control Module)	V	V	V																																								
VSM(Vehicle Security Module)	V	V	V																																								
PSCM(Power Steering Control Module)	V	V																																									
PCDIM(Front Interface Module)	V	V																																									
SRM(Speech Recognition Module)	V	V																																									
FCDIM(Front Control-Display Interface Module)	V	V	V																																								
RKE(Remote Keyless Entry)	V	V																																									
ECS(Electronic Crash Sensor)	V	V																																									
HCM(Headlamp Control Module)	V	V	V																																								
MC(Message Center)	V	V	V																																								
CSM(Central Security Module)	V	V	V																																								
CMR(Camera Module Rear)	V	V	V																																								
D_DCU(Driver Door Control Unit)	V	V	V																																								
EPS(EPS(Electronic power steering)	V	V																																									
FFH(Fuel Fired Coolant Heating Module)	V	V	V																																								
GDM(Generic Display Module)	V	V																																									
NAV(Navigation System)	V	V																																									
RL_DCU(Rear Left Door Control Unit)	V	V																																									
RR_DCU(Rear Right Door Control Unit)	V	V																																									

System	DTC/Erase	Current	Actuator	ECU INFO	ECU Information Display	key on engine off self test	Key on engine run self test	Calibration Audio configuration	Erase and program keys	Keyfob training	Body type	Exterior lighting	Climate control	Personality	Audio configuration	Incode Calculator	Vehicle Information	Reset KAM	Relearn Vehicle Data	Clear Transmission Adaptive Tables	Stop Use of Transmission Adaptive	Halt Transmission Adaptive Learning	Resume Transmission Adaptive Learning	ABS Service Bleed	ABS Installation	ON-Demand Self test	IC Installation	Power balance	IVD Initialization Sequence	RCM Module Installation	Yaw Rate Sensor	CEI Lock Configuration	Ignition Key Programming	Ignition Key Code Erase	Customer Spare Key Programming Enable	Customer Spare Key Programming Disable	Unlimited Key Mode OFF	Unlimited Key Mode ON	Parameter Reset	Parameter reset(LPG)	Passenger System Reset	Program additional Ignition Key								
FACM(Fuel Additive Control Module)	V	V																																																
DDM(Driver's Door Module)	V	V																																																
AHCM(Auxiliary Heater Control Module)	V	V																																																
IPM-A(Image Processing Module A)	V																																																	
RGTM(Rear Gate/Trunk Module)	V	V																																																
SASM(Steering Angle Sensor Module)	V	V	V																																															
PATS(Passive Anti Theft System)-BETA																																																		
EPB(Electronic Parking Brake)	V	V																																																
PDM(Passenger Door Module)	V	V	V																																															
CDP(Compact Disc Player)	V	V	V																																															
SOD-L(Side Obstacle Detection Control Module Left)	V	V	V																																															
SOD-R(Side Obstacle Detection Control Module Right)	V	V	V																																															
AWD(All Wheel Drive Module)	V	V																																																
Passive Antitheft	V	V	V																																															
PBM(Parking Brake Control)	V	V																																																
TRM(Trailer Module)	V	V																																																
HEC(Hybrid Electrical Cluster)	V	V	V																																															
LHID(Left High Intensity Discharge Lamp)	V	V																																																
RHID(Right High Intensity Discharge Lamp)	V	V																																																

System	DTC/Erase		Current	Actuator	ECU INFO	ECU Information Display	key on engine off self test	Key on engine run self test	Calibration Audio configuration	Erase and program keys	Keyfob training	Body type	Exterior lighting	Climate control	Personality	Audio configuration	Incode Calculator	Vehicle Information	Reset KAM	Relearn Vehicle Data	Clear Transmission Adaptive Tables	Stop Use of Transmission Adaptive	Halt Transmission Adaptive Learning	Resume Transmission Adaptive Learning	ABS Service Bleed	ABS Installation	ON-Demand Self test	IC Installation	Power balance	IVD Initialization Sequence	RCM Module Installation	Yaw Rate Sensor	CEI Lock Configuration	Ignition Key Programming	Ignition Key Code Erase	Customer Spare Key Programming Enable	Customer Spare Key Programming Disable	Unlimited Key Mode OFF	Unlimited Key Mode ON	Parameter Reset	Parameter reset(LPG)	Passenger System Reset	Program additional Ignition Key						
	V	V																																															
ASM(Auto Shift Manual)	V	V																																															
TBM(Tracking And Blocking Module)	V	V	V																																														
GFM(Generic Function Module)	V	V																																															
HSWM(Heated Steering Wheel Module)	V	V																																															
RACM(Rear Audio Control Module)	V	V																																															
RTM(Radio Transceiver Module)	V	V																																															
BEM(Body Electronic Module)	V	V							V	V	V	V	V	V	V	V																															V		
ACM(Audio Control Module)	V	V	V		V											V																																	
HIM(HVAC Integrated Module)	V	V																																															

System	Ignition Key Code Erase and Program	Program Unlimited Key Code	Reset transmission table	Reset learned values	Configure the lateral acceleration sensor	Configure the longitudinal acceleration sensor	Configure the pressure sensor Calibration	EPS Calibration	Steering angle sensor	Lateral Acceleration Sensor/Longitudinal Acceleration Sensor	Calibration steering angle sensor	Configure the steering angle sensor	Configure the yaw rate sensor	Calibrate pressure sensor	Reset pressure sensor offset	Module Installation	Module Reset	Injector Correction Factors	Reset the EGR Valve Learned Values	Reset the Intake Air Throttle Valve Learned Values	Reset Change Air Cooler Bypass Valve Position Offset	Reset the Cooling FAN Motor Learned Values	Reset the Diesel Particulate Filter Learned Values	Diesel Particulate Filter Static Regeneration	Fuel Injector Correction Factors	Fuel injector pilot correction learn	Fuel injection pump learn	Reset the DPF learned values	Reset the DPF differential pressure sensor learned value	Reset the High Pressure Fuel System Learned Values	DPF regeneration	Reset the water in fuel warning indicator	Reset the exhaust gas temperature value	DPF Static Regeneration	Reset the Exhaust Gas Recirculation Valve Learned Values	Reset the Diesel Particulate Filter Learned Values	Reset the Powertrain Control Module Learned Value	Reset the Mass Air Flow Sensor Learned Values	Reset the Fuel Injector Learned Values					
VEHICLE INFORMATION																																												
PCM(PowerTrain Control Module)																			V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V			
ABS(Anti-Lock Brake System)					V	V	V	V	V	V	V	V	V	V	V																													
FSSM(Fire Suppression System Module)																																												
IC(Instrument Cluster)																																												
RCM(Restraint Control Module)																	V																											
VDM(Vehicle Dynamic Module)																																												
GEM(Generic Electronic Module)																V	V																											
4X4(4x4 Control Module)																																												
APIM(Accessory Protocol Control Module)																																												
DSM(Driver's Seat Module)																																												
GPSM(Global Positioning System Module)																																												
HVAC(Heating Ventilation Air Conditioning)																																												
LTM(Liftgate/Trunk Module)																																												
OCSM(Occupant Classification System Module)																																												
RETM(Rear Entertainment Module)																																												
Immobilizer																																												
DCSM(Driver-Dual Climate Control Seat Module)																																												
DSP(Digital Signal Processor)																																												
RCU(Audio Rear Control Unit)																																												
TCM(Transmission Control Module)			V	V																																								

System	Ignition Key Code Erase and Program	Program Unlimited Key Code	Reset transmission table	Reset learned values	Configure the lateral acceleration sensor	Configure the longitudinal acceleration sensor	Configure the pressure sensor Calibration	EPS Calibration	Steering angle sensor	Lateral Acceleration Sensor/Longitudinal Acceleration Sensor	Calibration steering angle sensor	Configure the steering angle sensor	Configure the yaw rate sensor	Calibrate pressure sensor	Reset pressure sensor offset	Module Installation	Module Reset	Injector Correction Factors	Reset the EGR Valve Learned Values	Reset the Intake Air Throttle Valve Learned Values	Reset Change Air Cooler Bypass Valve Position Offset	Reset the Cooling FAN Motor Learned Values	Reset the Diesel Particulate Filter Learned Values	Diesel Particulate Filter Static Regeneration	Fuel Injector Correction Factors	Fuel injector pilot correction learn	Fuel injection pump learn	Reset the DPF learned values	Reset the DPF differential pressure sensor learned value	Reset the High Pressure Fuel System Learned Values	DPF regeneration	Reset the water in fuel warning indicator	Reset the exhaust gas temperature value	DPF Static Regeneration	Reset the Exhaust Gas Recirculation Valve Learned Values	Reset the Diesel Particulate Filter Learned Values	Reset the Powertrain Control Module Learned Value	Reset the Mass Air Flow Sensor Learned Values	Reset the Fuel Injector Learned Values																		
EATC(Electronic Automatic Temperature Control)																																																									
RIM(Remote Immobilizer Module)																																																									
BCM(Body Control Module)																																																									
ATCM(All Terrain Control Module)																																																									
C-CM(Cruise Control Module)																																																									
CLM(Column Lock Module)																																																									
FCIM(Front Controls Interface Module)																																																									
FLM(Front Lighting Control Module)																																																									
HUD(Head Up Display)																																																									
IPC(Instrument Panel Control Module)																																																									
RFA(Remote Function Actuator)																																																									
RLCM-A(Rear Lighting Control Module A)																																																									
TPM(Tire Pressure Monitor)																																																									
PRB(Power Running Board)																																																									
SDARS(Satellite Digital Audio Receiver System)																																																									
PAM(Park Aid Module)																																																									
ILCM(Interior Lighting Control Module)																																																									
TBC(Trailer Brake Control Module)																																																									
TCCM(Transfer Case Control Module)																																																									

System	Ignition Key Code Erase and Program	Program Unlimited Key Code	Reset transmission table	Reset learned values	Configure the lateral acceleration sensor	Configure the longitudinal acceleration sensor	Configure the pressure sensor Calibration	EPS Calibration	Steering angle sensor	Lateral Acceleration Sensor/Longitudinal Acceleration Sensor	Calibration steering angle sensor	Configure the steering angle sensor	Configure the yaw rate sensor	Calibrate pressure sensor	Reset pressure sensor offset	Module Installation	Module Reset	Injector Correction Factors	Reset the EGR Valve Learned Values	Reset the Intake Air Throttle Valve Learned Values	Reset Change Air Cooler Bypass Valve Position Offset	Reset the Cooling FAN Motor Learned Values	Reset the Diesel Particulate Filter Learned Values	Diesel Particulate Filter Static Regeneration	Fuel Injector Correction Factors	Fuel injector pilot correction learn	Fuel injection pump learn	Reset the DPF learned values	Reset the DPF differential pressure sensor learned value	Reset the High Pressure Fuel System Learned Values	DPF regeneration	Reset the water in fuel warning indicator	Reset the exhaust gas temperature value	DPF Static Regeneration	Reset the Exhaust Gas Recirculation Valve Learned Values	Reset the Diesel Particulate Filter Learned Values	Reset the Powertrain Control Module Learned Value	Reset the Mass Air Flow Sensor Learned Values	Reset the Fuel Injector Learned Values						
SCCM(Steering Column Control Module)																																													
VSM(Vehicle Security Module)																																													
PSCM(Power Steering Control Module)							V				V																																		
PCDIM(Front Interface Module)																																													
SRM(Speech Recognition Module)																																													
FCDIM(Front Control-Display Interface Module)																																													
RKE(Remote Keyless Entry)																																													
ECS(Electronic Crash Sensor)																																													
HCM(Headlamp Control Module)																																													
MC(Message Center)																																													
CSM(Central Security Module)																																													
CMR(Camera Module Rear)																																													
D_DCU(Driver Door Control Unit)																		V																											
EPS(EPS(Electronic power steering)																	V																												
FFH(Fuel Fired Coolant Heating Module)																																													
GDM(Generic Display Module)																																													
NAV(Navigation System)																																													
RL_DCU(Rear Left Door Control Unit)																																													
RR_DCU(Rear Right Door Control Unit)																																													

System	Ignition Key Code Erase and Program	Program Unlimited Key Code	Reset transmission table	Reset learned values	Configure the lateral acceleration sensor	Configure the longitudinal acceleration sensor	Configure the pressure sensor	Calibration	EPS Calibration	Steering angle sensor	Lateral Acceleration Sensor/Longitudinal Acceleration Sensor	Calibration steering angle sensor	Configure the steering angle sensor	Configure the yaw rate sensor	Calibrate pressure sensor	Reset pressure sensor offset	Module Installation	Module Reset	Injector Correction Factors	Reset the EGR Valve Learned Values	Reset the Intake Air Throttle Valve Learned Values	Reset Change Air Cooler Bypass Valve Position Offset	Reset the Cooling FAN Motor Learned Values	Reset the Diesel Particulate Filter Learned Values	Diesel Particulate Filter Static Regeneration	Fuel Injector Correction Factors	Fuel injector pilot correction learn	Fuel injection pump learn	Reset the DPF learned values	Reset the DPF differential pressure sensor learned value	Reset the High Pressure Fuel System Learned Values	DPF regeneration	Reset the water in fuel warning indicator	Reset the exhaust gas temperature value	DPF Static Regeneration	Reset the Exhaust Gas Recirculation Valve Learned Values	Reset the Diesel Particulate Filter Learned Values	Reset the Powertrain Control Module Learned Value	Reset the Mass Air Flow Sensor Learned Values	Reset the Fuel Injector Learned Values			
FACM(Fuel Additive Control Module)																																											
DDM(Driver's Door Module)																																											
AHCM(Auxiliary Heater Control Module)																																											
IPM-A(Image Processing Module A)																																											
RGTM(Rear Gate/Trunk Module)																																											
SASM(Steering Angle Sensor Module)																																											
PATS(Passive Anti Theft System)-BETA	V																																										
EPB(Electronic Parking Brake)																																											
PDM(Passenger Door Module)																																											
CDP(Compact Disc Player)																																											
SOD-L(Side Obstacle Detection Control Module Left)																																											
SOD-R(Side Obstacle Detection Control Module Right)																																											
AWD(All Wheel Drive Module)																																											
Passive Antitheft																																											
PBM(Parking Brake Control)																																											
TRM(Trailer Module)																																											
HEC(Hybrid Electrical Cluster)																																											
LHID(Left High Intensity Discharge Lamp)																																											
RHID(Right High Intensity Discharge Lamp)																																											







System	Reset the Turbocharger Learned Values	Stop-Start Activation	Beltminder Enable/Disable	ESP Configure All Three sensors Together.		ESP Configure the pressure sensor	ESP Configure Both the Yaw Rate Sensor and the Lateral Acceleration Sensors.	ESP Calibrate Longitudinal Acceleration Sensor	ESP Inhibit longitudinal Accelerometer Monitoring	FDIM Module Installation	IPC Module Installation	PSCM Module Installation	Remote Keyless Entry	IC Module Installation	Program transponder	Erase transponder	Module initialization	Learn Clutch Parameter	Depressurize ASM system	Shift actuator bleeding	Learn transmission	Learn clutch touch point	Reset the Diesel Particulate Filter Differential Pressure Sensor Learned Values	TBM SIM RAV_ID	Reset TBM Password	MAF Correction	PCM reset	MAF sensor reset	Reset the Intake Air Throttle Valve Learned Values
SCCM(Steering Column Control Module)																													
VSM(Vehicle Security Module)																													
PSCM(Power Steering Control Module)																													
PCDIM(Front Interface Module)																													
SRM(Speech Recognition Module)																													
FCDIM(Front Control-Diplay Interface Module)																													
RKE(Remote Keyless Entry)																													
ECS(Electronic Crash Sensor)																													
HCM(Headlamp Control Module)																													
MC(Message Center)																													
CSM(Central Security Module)																													
CMR(Camera Module Rear)																													
D_DCU(Driver Door Control Unit)																													
EPS(EPS(Electronic power steering)																													
FFH(Fuel Fired Coolant Heating Module)																													
GDM(Generic Display Module)																													
NAV(Navigation System)																													
RL_DCU(Rear Left Door Control Unit)																													
RR_DCU(Rear Right Door Control Unit)																													





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	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 SMS 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	Configuration and display mode	Remote Control Configuration	Customer Language Configuration	Configuration of the customer parameter setting menu			
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	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		









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																										

Vehicle	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	Read ECU Parameter	Write Data				
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														
INDIGO ECS CR4	V	V	V	V																				
VISTA/MASZA DIESEL	V	V	V	V	V						V	V	V	V	V	V	V							
NANO	V	V	V	V	V																			
XENON	V	V	V	V		V	V	V	V															
ABS	V	V	V	V														V	V	V				
SRS (SAFARI SRS1)	V																							
SRS (SAFARI SRS2)	V																							
SRS (VISTA/MANZA)	V			V																				
BCM (VISTA/MANZA)	V	V	V	V																				
BCM (OTHER)	V	V	V	V																				



System	DTC	Sensor	ACT	ECU Info	Clear Variable Line Pressure Counter	Reset ECU	Write VIN/VIN Writing	Reset Memory	Set Engine RPM	Injector Kill Test	VVT System Test	Intake phaser 1 Cleaning	Exhaust phaser 1 Cleaning	Intake phaser 2 Cleaning	Bleed Brakes	VIN Read	Accessory Time Delay	Add Navigation Radio	Change Country Code	Disable Radio clock Display	Enable DRL	Flash Hazard Lamps On Lock	Headlamp Delay Time	Headlamps On With Wipers	FCM Horn Chirp Duration	Illuminated Entry Time	Sound Horn On Lock	Antenna Loop Test	Change Language Preference	Update Measurement Unit	Unlock Driver Door On 1st Press	Seatbelt Alert Minder	Auto Door Unlock	Auto Door Lock	Radio Anti Theft Override Test	Radio Hard-Drive Back-Up	Radio Enable/Disable Front Video	Radio Tone Test	Drive All Motors	Easy Entry/Exit Feature	Key Fobs Linked To Memory Feature	Standardization Routine	Tilt Mirrors In Reverse Feature									
PCM (Powertrain Control Module)	V	V	V	V	V	V	V	V	V	V	V	V	V	V																																						
TCM (Transmission Control Module)	V	V	V	V	V	V	V																																													
ABS (Anti Lock Brake System)	V	V	V	V	V	V									V	V																																				
ORC (Occupant Restraint Control)	V	V		V	V	V										V																																				
CGW (Central Gateway)	V	V	V	V	V	V										V	V	V	V	V	V	V	V	V	V	V	V																									
WCM(Wireless Control Modules)	V	V	V	V	V	V										V														V																						
CCN	V	V	V	V	V	V										V														V	V	V	V	V	V																	
DDM (Drivers Door Module)	V	V	V	V	V	V										V																																				
PDM (Passenger Door Module)	V	V	V	V	V	V										V																																				
AMP (Audio)	V	V		V	V	V										V																																				
FDCM/AWD	V	V	V	V	V	V										V																																				
SAS (Steering Angle Sensor)	V	V		V	V	V										V																																				
HVAC (Heat Vent A/C)	V			V																																																
MSMD (Memory Seet Module)	V	V		V	V	V										V																											V	V	V	V						
RADIO (Radio)	V	V	V	V	V	V										V																						V	V	V	V											
HFM (Hands Free Module)	V	V	V	V	V	V										V																																				
EOM (Electric Overhead Module)	V	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



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	Configure Lamp	Reset Car Maintenance	Reset ECU																				
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												V	V	V																				
Immobilizer	V	V		V				V	V	V	V	V	V	V	V																							
BCM	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																				