

VAUXHALL V12.0

Table of Contents

1	Vehicle models covered.....	1
2	Vehicle systems covered.....	2
3	Vehicle Special Function covered.....	7

1 Vehicle models covered

Region	Model	Year
EUROPE	Agila	2000 - 2007
EUROPE	Antara(short body)	2008 - 2010
EUROPE	Astra-F	1997 - 2002
EUROPE	Astra-G	1998 - 2011
EUROPE	Astra-H	2004 - 2011
EUROPE	Astra-J	2010 - 2011
EUROPE	Calibra	1997
EUROPE	Corsa-B	1997 - 2003
EUROPE	Corsa-C	2001 - 2011
EUROPE	Corsa-D	2007 - 2011
EUROPE	Frontera	1997 - 1998
EUROPE	Frontera-B	1999 - 2003
EUROPE	Insignia	2009 - 2011
EUROPE	Meriva	2003 - 2010
EUROPE	Monterey	1997 - 1999
EUROPE	Omega-B	1997 - 2003
EUROPE	Sintra	1997 - 1999
EUROPE	Speedster/VX220	2001 - 2007
EUROPE	Tigra	1997 - 2000
EUROPE	Tigra-B	2005 - 2009
EUROPE	Vectra-B	1997 - 2001
EUROPE	Vectra-C/Signum	2002 - 2008
EUROPE	Vivaro	2001 - 2010
EUROPE	Zafira	1999 - 2005
EUROPE	Zafira-B	2005 - 2011
BRAZIL	Astra-G	1999 - 2009
BRAZIL	Celta	2000 - 2009
BRAZIL	Corsa-B	1999 - 2009
BRAZIL	Corsa-C	2002 - 2009
BRAZIL	E-Lux	2006 - 2009
BRAZIL	Meriva	2003 - 2009
BRAZIL	S-10 Truck/Blaze	1999 - 2009
BRAZIL	Silverado/Grand Blazer	1999 - 2003
BRAZIL	Tigra	1998 - 2000
BRAZIL	Tracker	2001 - 2009

Region	Model	Year
BRAZIL	Vectra-B	1998 - 2005
BRAZIL	Zafira	2001 - 2009

2 Vehicle systems covered

System	Type	DTC	Data List	Active Test	Special Func
Body	AFL (Adaptive Forward Lighting)	X	X		
Body	AHL/AFL (Headlamp Levelling)	X			
Body	AT	X	X	X	
Body	Airbag	X	X	X	X
Body	Anti Theft Warning	X	X		X
Body	Airbag-S	X	X		
Body	BCM	X	X	X	X
Body	Body Control Module	X	X	X	X
Body	CIM	X	X	X	X
Body	Central Door Lock	X	X	X	
Body	DDM (Driver Door Module)	X			
Body	EHS	X	X	X	X
Body	Electronic Climate Control	X	X	X	
Body	Engine Cooling Module	X	X		
Body	HeadLampLevelling Device	X	X	X	X
Body	IPC (Instrument)	X	X	X	
Body	Immobiliser	X	X		X
Body	Instrument	X	X	X	X
Body	PAS(Park Pilot)	X	X	X	
Body	PDM (Passenger Door Module)	X			
Body	PEPS(Open&Start)	X	X		
Body	REC (Rear Electrical Centre)	X	X		
Body	RFA(Multipurpose Receiver Module)	X			
Body	SDM (Airbag Sensing&Diagnostic Module)	X	X		
Body	SDM (Airbag)	X	X		
Body	SLM (Shift Lever Module)	X	X	X	
Body	SRM (Sun Roof Module)	X			
Body	TIM(Trailer Interface Module)	X	X	X	
Body	UEC (Underhood Electrical Centre)	X	X		
Body	immobiliser	X	X		
Body Control Module	BCM	X	X	X	X
Chassis	ABS	X	X	X	
Chassis	ABS 415	X	X		
Chassis	ABS 430	X	X		
Chassis	ABS 430	X	X	X	
Chassis	ABS 5	X	X		
Chassis	ABS-2SE (+TC)	X	X		
Chassis	ABS-5-TC	X	X		
Chassis	ABS-5.3	X	X	X	
Chassis	ABS-5.3/5.4 (+TC)	X	X	X	
Chassis	ABS/ESP	X	X	X	

System	Type	DTC	Data List	Active Test	Special Func
Chassis	ABS/TC/ESP	X	X	X	
Chassis	ABS/TC/ESP ECU (Electronic Control Unit)	X	X	X	
Chassis	ABS8/ESP8	X	X	X	X
Chassis	CDC(Continuous Damping Control)	X	X	X	
Chassis	Cruise Control	X	X		
Chassis	EHPS (Electro Hydraulic Power Steering)	X	X		
Chassis	ESP	X	X		
Chassis	Electronic Power Steering	X	X		
Chassis	Traction Control (TC)	X	X		
Electric Power Steering Control Module	EPSCM	X			X
Electronic Brake Control Module	EBCM	X	X	X	X
Engine	16 NE (E0/E20)	X	X		
Engine	16 NE (E0/E20)	X	X		
Engine	16 NZR	X	X		
Engine	18 SE	X	X		
Engine	2.0L	X	X	X	X
Engine	20 NEJ	X	X		
Engine	25 TDS	X	X		
Engine	A 10 XEP	X	X	X	
Engine	B 22 NZ (E0/E20)	X	X		
Engine	C 10 NE (E0/E20)	X	X		
Engine	C 10 YE (E100)	X	X		
Engine	C 14 NE (E0/E20)	X	X		
Engine	C 14 NZ	X	X		
Engine	C 14 SEL	X	X		
Engine	C 16 NE (E0/E20)	X	X		
Engine	C 16 NE (E0/E20)	X	X		
Engine	C 16 SEL	X	X		
Engine	C 16 SEL	X	X	X	
Engine	C 18 NE (E0/E20)	X	X	X	
Engine	C 18 SEL	X	X		
Engine	C 18 SEL(E0/E20)	X	X	X	
Engine	C 18 XE (E20-E100)	X	X	X	
Engine	C 18 YE (E100)	X	X	X	
Engine	C 20 NE (E0/E20)	X	X		
Engine	C 20 NE (E0/E20)	X	X	X	
Engine	C 20 NE/C 20 SE (8V)(E0/E20)	X	X	X	
Engine	C 20 SE (E0/20)	X	X	X	
Engine	C 20 SE (E0/E20)	X	X	X	
Engine	C 20 SE (8V) (E0/E20)	X	X	X	
Engine	C 20 SE/C 20 SEL(16V)(E0/E20)	X	X	X	
Engine	C 20 SEL	X	X	X	X
Engine	C 20 SEL (E0/E20)	X	X		

System	Type	DTC	Data List	Active Test	Special Func
Engine	C 20 SEL(16V) (E0/E20)	X	X	X	
Engine	C 20 SEL(16V)(E0/E20)	X	X	X	
Engine	C 22 NE (E0/E20)	X	X		
Engine	C 22 SE (E0/E20)	X	X		
Engine	C 22 SEL	X	X		X
Engine	C 24 NE (E0/E20)	X	X		
Engine	C 41 GE (E0/E22)	X	X		
Engine	Engine Cooling	X	X		
Engine	F9Q_1.9L	X	X	X	
Engine	F9Q_760/762(1.9L)	X	X	X	
Engine	M9R_780	X	X	X	
Engine	M9R_780(2.0L)	X	X	X	
Engine	T 18 NE	X	X	X	
Engine	X 10 XE	X	X		
Engine	X 12 XE	X	X		
Engine	X 14 SZ	X	X		
Engine	X 14 XE	X	X		
Engine	X 16 SZR	X	X		
Engine	X 16 SZR	X	X	X	
Engine	X 16 XE	X	X		
Engine	X 16 XEL	X	X		X
Engine	X 16 XEL	X	X	X	
Engine	X 16 XEL	X	X	X	X
Engine	X 17 DTL	X	X		
Engine	X 18 NE	X	X	X	
Engine	X 18 NE1	X	X	X	
Engine	X 18 XE	X	X		X
Engine	X 18 XE1	X	X	X	X
Engine	X 18 XF (E20-E100)	X	X	X	
Engine	X 18 XML	X	X	X	
Engine	X 20 DTH	X	X		
Engine	X 20 DTL	X	X		
Engine	X 20 SE	X	X	X	
Engine	X 20 XE (E20-E100)	X	X	X	
Engine	X 20 XER	X	X		
Engine	X 20 XEV	X	X		X
Engine	X 22 DTH	X	X		
Engine	X 24 SE	X	X		
Engine	X 24 SE	X	X	X	
Engine	X 24 SFD (E20-E100)	X	X	X	
Engine	X 25 XE	X	X		
Engine	X 30 XE	X	X		
Engine	Y 13 DT	X	X		
Engine	Y 13 DTH	X	X	X	
Engine	Y 16 XE	X	X		
Engine	Y 17 DT	X	X	X	
Engine	Y 17 DTL	X	X		
Engine	Y 20 DTH	X	X		
Engine	Y 20 DTH	X	X		X
Engine	Y 20 DTH	X	X	X	X

System	Type	DTC	Data List	Active Test	Special Func
Engine	Y 20 DTL	X	X		
Engine	Y 22 DTH	X	X		
Engine	Y 22 DTR	X	X		
Engine	Y 22 DTR	X	X		X
Engine	Y 22 XE	X	X		
Engine	Y 25 DT	X	X		
Engine	Y 26 SE	X	X		
Engine	Y 30 DT	X	X	X	
Engine	Y 32 SE	X	X		
Engine	Z 10 XE	X	X		
Engine	Z 10 XEP	X	X		
Engine	Z 10 XEP	X	X	X	
Engine	Z 12 XE	X	X	X	
Engine	Z 12 XEP	X	X		
Engine	Z 12 XEP	X	X	X	
Engine	Z 13 DT	X	X	X	X
Engine	Z 13 DTH	X	X	X	X
Engine	Z 13 DTH	X	X	x	X
Engine	Z 13 DTJ	X	X	X	
Engine	Z 13 DTJ	X	X	X	X
Engine	Z 14 XE	X	X		
Engine	Z 14 XEL	X	X		
Engine	Z 14 XEP	X	X		
Engine	Z 14 XEP	X	X	X	
Engine	Z 14 XEP	X	X	X	X
Engine	Z 16 LET	X	X	X	
Engine	Z 16 SE	X	X		
Engine	Z 16 XE	X	X	X	
Engine	Z 16 XE1	X	X	X	
Engine	Z 16 XEP	X	X		
Engine	Z 16 XER	X	X		X
Engine	Z 16 YNG	X	X		
Engine	Z 17 DTH	X	X	X	
Engine	Z 17 DTH	X	X	X	X
Engine	Z 17 DTJ	X	X	X	
Engine	Z 17 DTL	X	X		
Engine	Z 17 DTL	X	X	X	
Engine	Z 17 DTR	X	X	X	X
Engine	Z 17DTH	X	X	X	X
Engine	Z 18 XE	X	X		
Engine	Z 18 XE	X	X		X
Engine	Z 18 XE	X	X	X	
Engine	Z 18 XEL	X	X		
Engine	Z 18 XER	X	X		X
Engine	Z 18 XER	X	X	X	X
Engine	Z 19 DT	X	X	X	X
Engine	Z 19 DTH	X	X	X	X
Engine	Z 20 LEH	X	X	X	
Engine	Z 20 LEL	X	X	X	
Engine	Z 20 LER	X	X	X	

System	Type	DTC	Data List	Active Test	Special Func
Engine	Z 20 LET	X	X		
Engine	Z 20 NET	X	X	X	X
Engine	Z 22 SE	X	X		
Engine	Z 22 SE	X	X	X	X
Engine	Z 22 XE	X	X	X	X
Engine	Z 22 YH	X	X		X
Engine	Z 22 YH	X	X	X	
Engine	Z 24XE	X	X		
Engine	Z 32 SE	X	X		
Engine	Z13DTH	X	X	X	X
Engine	Z13DTJ	X	X	X	X
Engine	Z14XEL	X	X	X	X
Engine	Z14XEP	X	X	X	X
Engine	Z16XEP	X	X	X	X
Engine	Z16XER	X	X	X	X
Engine	Z17DTH	X	X	X	X
Engine	Z18XE	X	X	X	X
Engine	Z18XER	X	X	X	X
Engine	Z19DT	X	X	X	X
Engine	Z19DTH	X	X	X	X
Engine Control Module	A13DTE	X	X	X	X
Engine Control Module	A16XER	X	X	X	X
Engine Control Module	A18XER	X	X	X	X
Engine Control Module	A20DTH	X	X	X	X
Engine Control Module	A20DTJ	X	X	X	X
Fuel Pump Control Module	FPCM	X	X	X	X
Inflatable Restraint Sensing and Diagnostic Module		X	X	X	
Infotainment	Radio Car 300	X	X		
Instrument Cluster	IC	X	X	X	X
Parking Brake Control Module	PBCM	X	X	X	X
Radio		X	X	X	
Remote Heater and Air Conditioning Control	RHACCM	X	X	X	X

System	Type	DTC	Data List	Active Test	Special Func
Module					
Transmission	AF 13-II/17/20/22	X	X	X	
Transmission	AF 13-II/17/20/22 CAN	X	X		
Transmission	AF 13-II/17/20/22 CAN	X	X	X	
Transmission	AF 13II/20/22/30	X	X		
Transmission	AF 17-4	X	X		
Transmission	AF 22-4	X	X	X	
Transmission	AF 23-5/33-5	X	X		
Transmission	AF 23-5/33-5/40-6	X	X		
Transmission	AR 25/35	X	X		
Transmission	MTA	X	X	X	
Transmission	MTA (Easytronic)	X	X		
Transmission	MTA (Easytronic)	X	X	X	
Transmission	MTA(EasytronicMagnetiMarelli)	X	X	X	
Transmission	MTA(Easytronic)	X	X	X	
Transmission	TCCM(Transfer Case Control Module)	X	X		
Transmission Control Module	TCM	X	X	X	X

3 Vehicle Special Function covered

System	Type	Special Function
Body	Airbag	Clear Deployment Record
Body	Anti Theft Warning	Erase Key Set
Body	Anti Theft Warning	Program Transponder-Keys
Body	BCM	Erase Key And Remote
Body	BCM	Program Key And Remote
Body	BCM(Body Control Module)	Erase Key And Remote
Body	BCM(Body Control Module)	Program Key And Remote
Body	Body Control Module	ECU Control
Body	Body Control Module	Erase Remote Keys
Body	Body Control Module	Program Remote Key
Body	CIM	Erase Remote Key
Body	CIM	Program Remote Key
Body	CIM (Steering Column Module)	Erase Transponder-Keys And Remote
Body	CIM (Steering Column Module)	Program Transponder-Keys And Remote
Body	CIM(Steering Column Module)	Erase Transponder-Keys And Remote
Body	CIM(Steering Column Module)	Program Transponder-Keys And Remote
Body	EHS	Reset ECU
Body	EHS(Electrical Heater System)	Reset ECU
Body	HeadLampLevelling Device	Calibration
Body	Immobiliser	Erase Key Set
Body	Immobiliser	Erase Key Set;
Body	Immobiliser	Program Transponder-Keys
Body	Instrument	Service Due In
Body	Instrument	Service Light Reset
Body Control Module	BCM	Brake Pedal Position Sensor Learn
Body Control Module	BCM	Clear Driver Window Learn Values

System	Type	Special Function
Body Control Module	BCM	Clear Left Rear Window Learn Values
Body Control Module	BCM	Clear Passenger Window Learn Values
Body Control Module	BCM	Clear Right Rear Window Learn Values
Chassis	ABS8/ESP8	Steering Angle Sensor Calibration
Chassis	Electronic Power Steering	Steering angle calibration
Electric Power Steering Control Module	EPSCM	Power Steering Softstops Learn
Electric Power Steering Control Module	EPSCM	Power Steering Softstops Reset
Electric Power Steering Control Module	EPSCM	Power Steering Softstops Learn
Electric Power Steering Control Module	EPSCM	Power Steering Softstops Reset
Electronic Brake Control Module	EBCM	Brake Pedal Position Sensor Calibration
Electronic Brake Control Module	EBCM	Brake Pressure Sensor Calibration
Electronic Brake Control Module	EBCM	Steering Wheel Angle Sensor Learn
Electronic Brake Control Module	EBCM	Steering Wheel Angle Sensor Learns
Electronic Brake Control Module	EBCM	Yaw Rate Sensor Learn
Engine	2.0L	Program High CanBusConfiguration
Engine	2.0L	Regeneration DPF
Engine	2.0L	Replace Diff.-Press. Sensor
Engine	2.0L	Replace Rail Pressure Sensor
Engine	C 20 SEL	Adjust Idle Speed
Engine	C 22 SEL	Adjust Idle Speed
Engine	X 16 XEL	Adjust Idle Speed
Engine	X 18 XE	Adjust Idle Speed
Engine	X 18 XE1	Adjust Idle Speed
Engine	X 20 XEV	Adjust Idle Speed
Engine	Y 20 DTH	Adjust Idle Speed
Engine	Y 22 DTR	Adjust Idle Speed
Engine	Z 13 DT	Inject Cutoff Test;
Engine	Z 13 DT	Injector Cutoff Test;
Engine	Z 13 DT	Program Idle Speed.
Engine	Z 13 DT	RPM Control;
Engine	Z 13 DTH	ECU Control(Injector cutoff test)
Engine	Z 13 DTH	ECU Reset
Engine	Z 13 DTH	Program High CanBusConfiguration
Engine	Z 13 DTH	Program Injector
Engine	Z 13 DTJ	ECU Control(Injector cutoff test)
Engine	Z 13 DTJ	ECU Reset
Engine	Z 13 DTJ	Program High CanBusConfiguration
Engine	Z 13 DTJ	Program Injector
Engine	Z 14 XEP	ECU Control-Electronic throttle control
Engine	Z 14 XEP	ECU Reset
Engine	Z 14 XEP	Idle speed program
Engine	Z 14 XEP	Idle speed program.
Engine	Z 14 XEP	Reset Learn Values
Engine	Z 14 XEP	Reset Learned Values;

System	Type	Special Function
Engine	Z 14 XEP	Reset O2-Loop Block Lean Map
Engine	Z 14 XEP	Reset O2-Loop Block Learn Map.
Engine	Z 16 XER	Injector Cutoff Test
Engine	Z 17 DTH	EGR Control;
Engine	Z 17 DTH	Inject Cutoff Test;
Engine	Z 17 DTH	Injector Cutoff Test;
Engine	Z 17 DTH	RPM Control;
Engine	Z 17 DTH	Replace Fuel Pump.
Engine	Z 17 DTR	Program High CanBusConfiguration
Engine	Z 17 DTR	Regeneration DPF
Engine	Z 17 DTR	Replace DPF
Engine	Z 17 DTR	Replace Diff.-Press. Sensor
Engine	Z 17 DTR	Replace MAF Sensor
Engine	Z 17 DTR	Replace Precatalyst
Engine	Z 17 DTR	Replace Rail Pressure Sensor
Engine	Z 17DTH	Program High Speed CAN-Bus Configuration
Engine	Z 17DTH	Replace Injector
Engine	Z 17DTH	Replace Rail Pressure Sensor
Engine	Z 17DTH	Reset ECU
Engine	Z 18 XE	Injector Cutoff Test
Engine	Z 18 XER	Injector Cutoff Test
Engine	Z 19 DT	Program High Speed CAN-Bus Configuration
Engine	Z 19 DT	Program Idle Speed
Engine	Z 19 DT	Program Injector
Engine	Z 19 DT	Regeneration D. Particulate Filter
Engine	Z 19 DT	Regeneration Diesel Particulate Filter
Engine	Z 19 DT	Replace O2 Sensor
Engine	Z 19 DT	Replace Diesel Particulate Filter
Engine	Z 19 DT	Replace Diesel Particulate Filter
Engine	Z 19 DT	Replace Injector
Engine	Z 19 DT	Replace Mass air flow sensor
Engine	Z 19 DT	Replace Precatalyst
Engine	Z 19 DT	Replace Rail Progressure sensor
Engine	Z 19 DT	Replace Rail Progressuresensor
Engine	Z 19 DT	Reset ECU
Engine	Z 19 DT	Reset Engine Oil Life
Engine	Z 19 DTH	DPF Regeneration
Engine	Z 19 DTH	Idle Speed
Engine	Z 19 DTH	Program High Speed CAN-Bus Configuration
Engine	Z 19 DTH	Program High Speed Can Bus Config.
Engine	Z 19 DTH	Program Idle Speed
Engine	Z 19 DTH	Program Injector
Engine	Z 19 DTH	Regeneration D. Particulate Filter
Engine	Z 19 DTH	Regeneration Diesel Particulate Filter
Engine	Z 19 DTH	Replace O2 Sensor
Engine	Z 19 DTH	Replace O3 Sensor
Engine	Z 19 DTH	Replace DPF
Engine	Z 19 DTH	Replace Diesel Particulate Filter

System	Type	Special Function
Engine	Z 19 DTH	Replace Diesel Particulate Filter
Engine	Z 19 DTH	Replace Injector
Engine	Z 19 DTH	Replace Mass air flow sensor
Engine	Z 19 DTH	Replace O2 sensor
Engine	Z 19 DTH	Replace Precatalyst
Engine	Z 19 DTH	Replace Rail Pressure sensor
Engine	Z 19 DTH	Replace Rail Progressure sensor
Engine	Z 19 DTH	Replace Rail Progressuresensor
Engine	Z 19 DTH	Reset ECU
Engine	Z 19 DTH	Reset Engine Oil Life
Engine	Z 19 DTH	Reset O2 sensor
Engine	Z 19 DTH	Reset engine oil sensor
Engine	Z 20 NET	Reset Oil Life
Engine	Z 22 SE	ECU Control
Engine	Z 22 SE	Programming
Engine	Z 22 XE	EGR Control
Engine	Z 22 XE	Electronic Throttle Control
Engine	Z 22 XE	Fuel Tank Ventilation Control
Engine	Z 22 XE	Injector Cutoff Test
Engine	Z 22 XE	RPM Control
Engine	Z 22 YH	Injector Cutoff Test
Engine	Z13DTH	ECU Control
Engine	Z13DTH	Program High Speed CAN-Bus Configuration
Engine	Z13DTH	Program Injector
Engine	Z13DTH	Reset ECU
Engine	Z13DTJ	Injector Cut Off Test
Engine	Z13DTJ	Injector CutOff Test
Engine	Z13DTJ	Program Idle Speed
Engine	Z13DTJ	RPM Control
Engine	Z14XEL	ECU Control
Engine	Z14XEL	Program High Speed CAN-Bus Configuration
Engine	Z14XEL	Program Idle Speed
Engine	Z14XEL	Reset ECU
Engine	Z14XEL	Reset O2-Loop Block Learn Map
Engine	Z14XEP	ECU Control
Engine	Z14XEP	Program High Speed CAN-Bus Configuration
Engine	Z14XEP	Program Idle Speed
Engine	Z14XEP	Reset ECU
Engine	Z14XEP	Reset O2-Loop Block Learn Map
Engine	Z16XEP	ECU Control
Engine	Z16XEP	Electronic Throttle Control
Engine	Z16XEP	Injector Cut off Test
Engine	Z16XEP	Program High Can Configuration
Engine	Z16XEP	Program High Speed CAN-Bus Configuration
Engine	Z16XEP	Program Idle Speed
Engine	Z16XEP	Reset ECU
Engine	Z16XEP	Reset Learn Values
Engine	Z16XEP	Reset O2-Loop Block Learn Map

System	Type	Special Function
Engine	Z16XER	ECU Control
Engine	Z16XER	Program High Speed CAN-Bus Configuration
Engine	Z16XER	Program Idle Speed
Engine	Z16XER	Reset ECU
Engine	Z16XER	Reset Learned Values
Engine	Z17DTH	Program High Speed CAN-Bus Configuration
Engine	Z17DTH	Replace Injector
Engine	Z17DTH	Replace Rail Pressure Sensor
Engine	Z17DTH	Reset ECU
Engine	Z18XE	ECU Control
Engine	Z18XE	Program High Speed CAN-Bus Configuration
Engine	Z18XE	Reset ECU
Engine	Z18XER	ECU Control
Engine	Z18XER	Program High Can Configuration
Engine	Z18XER	Program High Speed CAN-Bus Configuration
Engine	Z18XER	Program Idle Speed
Engine	Z18XER	Reset ECU
Engine	Z18XER	Reset Learn Values
Engine	Z18XER	Reset Learned Values
Engine	Z19DT	Program High Speed CAN-Bus Configuration
Engine	Z19DT	Program Idle Speed
Engine	Z19DT	Program Injector
Engine	Z19DT	Regeneration Diesel Particulate Filter
Engine	Z19DT	Replace O2 Sensor
Engine	Z19DT	Replace Diesel Particulate Filter
Engine	Z19DT	Replace Injector
Engine	Z19DT	Replace Mass air flow sensor
Engine	Z19DT	Replace Precatalyst
Engine	Z19DT	Replace Rail Progressuresensor
Engine	Z19DT	Reset ECU
Engine	Z19DT	Reset Engine Oil Life
Engine	Z19DTH	Program High Speed CAN-Bus Configuration
Engine	Z19DTH	Program Idle Speed
Engine	Z19DTH	Program Injector
Engine	Z19DTH	Regeneration Diesel Particulate Filter
Engine	Z19DTH	Replace O2 Sensor
Engine	Z19DTH	Replace Disel Particulate Filter
Engine	Z19DTH	Replace Injector
Engine	Z19DTH	Replace Mass air flow sensor
Engine	Z19DTH	Replace Precatalyst
Engine	Z19DTH	Replace Rail Progressure sensor
Engine	Z19DTH	Reset ECU
Engine Control Module	A13DTE	APP Learn
Engine Control Module	A13DTE	Catalyst Reset
Engine Control Module	A13DTE	Clutch Pedal Position Learn
Engine Control Module	A13DTE	Crankshaft Position Reluctor Wheel Learn

System	Type	Special Function
Engine Control Module	A13DTE	DPF Pressure Sensor Learn
Engine Control Module	A13DTE	DPF Reset
Engine Control Module	A13DTE	EGR Valve Learn
Engine Control Module	A13DTE	Engine Oil Life Reset
Engine Control Module	A13DTE	Exhaust Gas Temperature Sensor Learn
Engine Control Module	A13DTE	Flywheel Learn
Engine Control Module	A13DTE	Fuel Rail Pressure Sensor or Fuel Rail Learn
Engine Control Module	A13DTE	Glow Plug Control Module Reset
Engine Control Module	A13DTE	H02S Learn
Engine Control Module	A13DTE	MAF Sensor Learn
Engine Control Module	A13DTE	Regeneration Diesel Particulate Filter
Engine Control Module	A13DTE	Turbocharger Learn
Engine Control Module	A16XER	Clutch Pedal Position Learn
Engine Control Module	A16XER	Crankshaft Position Variation Learn
Engine Control Module	A16XER	Engine Oil Life Reset
Engine Control Module	A16XER	Fuel Trim Reset
Engine Control Module	A16XER	HO2S Heater Learn
Engine Control Module	A16XER	Idle Learn
Engine Control Module	A18XER	Clutch Pedal Position Learn
Engine Control Module	A18XER	Crankshaft Position Variation Learn
Engine Control Module	A18XER	Engine Oil Life Reset
Engine Control Module	A18XER	Fuel Trim Reset
Engine Control Module	A18XER	HO2S Heater Learn
Engine Control Module	A18XER	Idle Learn
Engine Control Module	A20DTH	APP Learn
Engine Control Module	A20DTH	Catalyst Reset
Engine Control Module	A20DTH	Clutch Pedal Position Learn
Engine Control Module	A20DTH	Crankshaft Position Reluctor Wheel Learn
Engine Control Module	A20DTH	DPF Pressure Sensor Learn
Engine Control Module	A20DTH	DPF Reset
Engine Control Module	A20DTH	EGR Valve Learn
Engine Control Module	A20DTH	Engine Oil Life Reset
Engine Control Module	A20DTH	Exhaust Gas Temperature Sensor Learn
Engine Control Module	A20DTH	Flywheel Learn
Engine Control Module	A20DTH	Fuel Rail Pressure Sensor or Fuel Rail Learn
Engine Control Module	A20DTH	Glow Plug Control Module Reset
Engine Control Module	A20DTH	H02S Learn
Engine Control Module	A20DTH	MAF Sensor Learn
Engine Control Module	A20DTH	Regeneration DPF
Engine Control Module	A20DTH	Regeneration Diesel Particulate Filter
Engine Control Module	A20DTJ	APP Learn
Engine Control Module	A20DTJ	Catalyst Reset
Engine Control Module	A20DTJ	Clutch Pedal Position Learn
Engine Control Module	A20DTJ	Crankshaft Position Reluctor Wheel Learn
Engine Control Module	A20DTJ	DPF Pressure Sensor Learn
Engine Control Module	A20DTJ	DPF Reset
Engine Control Module	A20DTJ	EGR Valve Learn
Engine Control Module	A20DTJ	Engine Oil Life Reset
Engine Control Module	A20DTJ	Exhaust Gas Temperature Sensor Learn

System	Type	Special Function
Engine Control Module	A20DTJ	Flywheel Learn
Engine Control Module	A20DTJ	Fuel Rail Pressure Sensor or Fuel Rail Learn
Engine Control Module	A20DTJ	Glow Plug Control Module Reset
Engine Control Module	A20DTJ	H02S Learn
Engine Control Module	A20DTJ	MAF Sensor Learn
Engine Control Module	A20DTJ	Regeneration DPF
Fuel Pump Control Module	FPCM	Fuel Trim Reset
Instrument Cluster	IC	CAN Bus Configuration Learn
Parking Brake Control Module	PBCM	Park Brake Calibration
Remote Heater and Air Conditioning Control Module	RHACCM	CAN Bus Configuration Learn
Remote Heater and Air Conditioning Control Module	RHACCM	HVAC Actuators Learn
Transmission Control Module	TCM	Gear Selector N Position Learn
Transmission Control Module	TCM	Learned Values Reset