

# VOLVO V12.0

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### 1 Vehicle models covered

Model	Year
850	1996 - 1997
940	1996 - 1997
960	1996 - 1997
C30	2007 - 2009
C70 Conv	1998 - 2010
C70 Coupe	1998 - 2002
S40	1999 - 2010
S60	2001 - 2009
S70	1997 - 2000
S80	1999 - 2011
S80L	2009 - 2011
S90	1997 - 1998
V40	1998 - 2004
V50	2004 - 2010
V70	1997 - 2010
V70XC(-00)	1998 - 2000
V70XC(01-)/XC70	2001 - 2008
XC60	2009 - 2010
XC90	2003 - 2010

### 2 Vehicle systems covered

System	DTC	Data List	Active Test	Special Func
AM/FM Tuner Module(AFM)	X	X		
Accessory Electronic Module(AEM)	X	X	X	
Accessory USB Unit(AUU)	X	X		
Accessory electronic module (AEM)	X	X	X	X
Additive Dosing Module(ADM)	X	X	X	X
Airbag	X	X		
Antenna Module(ATM)	X	X		
Anti-Spin System	X	X	X	
Anti-brake System Module(ABS/BCM)	X	X	X	X
Audio Module(AUM)	X	X		

System	DTC	Data List	Active Test	Special Func
Audio module(AUD)	X	X		
Bluetooth Phone Module (BPM)	X	X		
Brake Control Module (BCM)	X	X	X	
CD Player Module(MP2)	X	X	X	
Central Electronic Module(CEM)	X	X	X	X
Central electronic module (CEM-H)	X	X	X	X
Central electronic module (CEM-L)	X	X	X	X
Climate Control	X	X		
Climate Control Module(CCM)	X	X	X	X
Closing Velocity Module(CVM)	X			
Combustion Preheater Module(CPM)	X	X	X	
Convertible Roof Module(CRM)	X	X		
Differential Electronic Module (DEM)	X	X		
Differential Electronic Module(DEM)	X	X		
Digital Audio Broadcast Module(DABM)	X			
Driver Door Module(DDM)	X	X	X	X
Driver Information Module(DIM)	X	X	X	X
Driver door module (DDM)	X	X	X	
Driver information module (DIM)	X	X	X	X
Electric Power Steering (EPS)	X	X		
Engine	X	X	X	X
Engine Control Module(ECM)	X	X	X	X
Forward Sensing Module(FSM)	X	X		
Fuel System/ Combined System	X	X	X	
Fuel system/combined system	X	X	X	X
Global Positioning System Module(GPS)	X	X		
Headlamp Control Module(HCM)	X	X		
High level Display Front(HLDF)	X	X		
Immobilizer	X	X	X	
Infotainment Control Module(ICM)	X	X	X	X
Integrated Audio Module(IAM)	X	X	X	
Integrated Audio module (IAM)	X	X	X	
Keyless vehicle module (KVM)	X	X	X	
Lock and alarm	X	X	X	
MD Player Module(MP1)	X	X	X	
Media Player Module(MPM)	X	X	X	
Multimedia module (MMM)	X	X	X	X
Park Assist Module (PAM)	X	X		
Park Assist Module(PAM)	X			
Park Brake Module(PBM)	X	X		X
Parking Assistance Camera(PAC)	X	X		
Passenger Door Module(PDM)	X	X	X	X
Phone Module(PHM)	X	X		X
Power Operated Tailgate (POT)	X	X		
Power Seat Module(PSM)	X	X	X	X
Power Seat Module,Left(PSL)	X	X	X	
Power Seat Module,Right(PSR)	X	X	X	
Power Steering Control Module(PSCM)	X	X		
Power seat module, left (PSL)	X	X		
Power seat module, right (PSR)	X	X		

System	DTC	Data List	Active Test	Special Func
Rear Electronic Module(REM)	X	X	X	X
Remote Digital Audio Receiver (RDAR)	X	X		
Resetting the service reminder indicator(SRI)	X	X		X
Road Traffic Information Module(RTI)	X	X	X	
Steering Wheel Angle Sensor Module(SAS)	X	X		
Steering angle sensor(SAS)	X	X		
Steering wheel module(SWM)	X	X	X	
Subwoofer Module(SUB)	X	X		
Supplemental Restraint System Module(SRS)	X			X
Suspension Module(SUM)	X	X		
Telephone (PHM)	X	X		
Traffic Message Channel Module(TMC)	X	X		
Trailer Module(TRM)	X	X		
Transmission Control Module(TCM)	X	X	X	X
Upper Electronic Module(UEM)	X	X	X	

### 3 Vehicle Special Function covered

System	Special Function
Accessory electronic module (AEM)	Reading off the configuration
Additive Dosing Module(ADM)	Refilling the feed hose with additive
Additive Dosing Module(ADM)	Resetting the tank level gauge
Anti-brake System Module(ABS/BCM)	Calibration
Anti-brake System Module(ABS/BCM)	Calibration (cars with DSTC)
Anti-brake System Module(ABS/BCM)	Calibration(Cars with DSTC)
Anti-brake System Module(ABS/BCM)	Check brake light switch adjustment
Anti-brake System Module(ABS/BCM)	Reading off the configuration
Central Electronic Module(CEM)	Calibration of position sensor,GDL lamps
Central Electronic Module(CEM)	Ignition switch key position
Central Electronic Module(CEM)	Programming of rear window wiper when reversing
Central Electronic Module(CEM)	Programming the control module
Central Electronic Module(CEM)	Quick test of alternator function
Central Electronic Module(CEM)	Reading off programmed values
Central Electronic Module(CEM)	Reading off the alarm cause
Central Electronic Module(CEM)	Resetting crash mode
Central Electronic Module(CEM)	Resetting factory settings
Central Electronic Module(CEM)	Resetting low voltage counters
Central Electronic Module(CEM)	Resetting the car
Central electronic module (CEM-H)	Ignition switch key position
Central electronic module (CEM-H)	Programming of rear window wiper when reversing
Central electronic module (CEM-H)	Resetting crash mode
Central electronic module (CEM-H)	Resetting low voltage counters
Central electronic module (CEM-L)	Ignition switch key position
Central electronic module (CEM-L)	Resetting low voltage counters
Climate Control Module(CCM)	Adjusting ECC parameters
Climate Control Module(CCM)	Calibrating the Climate Control Module (CCM)
Climate Control Module(CCM)	Identifying the Damper Motor Module (DMM)
Driver Door Module(DDM)	Initializing the window position
Driver Door Module(DDM)	Programming the remote control setting

System	Special Function
Driver Information Module(DIM)	Programming the driver information module(DIM)
Driver Information Module(DIM)	Programming the driver information module(DIM)
Driver Information Module(DIM)	Resetting the service reminder indicator
Driver Information Module(DIM)	Testing all needles and lamps in the dashboard
Driver information module (DIM)	Resetting the service reminder indicator
Engine	Adaptation of the exhaust gas recirculation (EGR) valve
Engine	Adaptation of the throttle unit
Engine	Combustion of soot particle, particle trap
Engine	Combustion of soot particles, particle trap
Engine	Programming the optimizing parameters
Engine	Quick test of exhaust camshaft control
Engine	Quick test of intake camshaft control
Engine	Quick test of the fuel pump(FP)
Engine	Quick-test injectors
Engine	Readiness Code
Engine	Resetting adaptation
Engine	Resetting adaptation values
Engine	Resetting the adaptation values
Engine	Resetting the odometer particle trap
Engine Control Module(ECM)	Adaptation of the exhaust gas recirculation (EGR) valve
Engine Control Module(ECM)	Adaptation of the exhaust gas recirculation(EGR) valve
Engine Control Module(ECM)	Adaptation of the throttle unit
Engine Control Module(ECM)	Programming optimising parameters
Engine Control Module(ECM)	Programming optimising parameters
Engine Control Module(ECM)	Quick test of exhaust camshaft control
Engine Control Module(ECM)	Quick test of fuel pump(FP)
Engine Control Module(ECM)	Quick test of intake camshaft control
Engine Control Module(ECM)	Quick test of the fuel pump(FP)
Engine Control Module(ECM)	Quick test of the fuel tank system
Engine Control Module(ECM)	Quick test of the fuel tank system(USA/CDN)
Engine Control Module(ECM)	Readiness Code
Engine Control Module(ECM)	Resetting Adaptation
Engine Control Module(ECM)	Resetting adaptation
Engine Control Module(ECM)	Resetting the adaptation values
Engine Control Module(ECM)	Resetting the odometer particle trap
Engine Control Module(ECM)	Resetting the odometer particle trap
Fuel system/combined system	Resetting counter oil
Infotainment Control Module(ICM)	Programming the infotainment control module(ICM)
Multimedia module (MMM)	Reinstalling the reserve battery
Park Brake Module(PBM)	Activation and service
Passenger Door Module(PDM)	Initializing the window position
Phone Module(PHM)	Reinstalling the reserve battery
Phone Module(PHM)	Reinstalling the spare battery
Phone Module(PHM)	Resetting the carphone code
Phone Module(PHM)	Volvo On call service check
Power Seat Module (PSM)	Programming remote control setting
Power Seat Module(PSM)	Checking current values
Power Seat Module(PSM)	Programming the remote control setting
Rear Electronic Module(REM)	Calibrating the position sensor for Bi-Xenon lamps
Supplemental Restraint System Module(SRS)	Calibrating the occupant weight sensor(OWS)

System	Special Function
Supplemental Restraint System Module(SRS)	Calibration the occupant weight sensor(OWS)
Supplemental Restraint System Module(SRS)	Storing the ID number for the occupant weight sensor (OWS).
Transmission Control Module(TCM)	Calibration of position sensor
Transmission Control Module(TCM)	Control module adaptation
Transmission Control Module(TCM)	Initial adaptation
Transmission Control Module(TCM)	Resetting adaptation
Transmission Control Module(TCM)	Resetting adaptation to zero
Transmission Control Module(TCM)	Resetting counter oil
Transmission Control Module(TCM)	Resetting the counter for - Gearbox oil change
Transmission Control Module(TCM)	Resetting the counter for -Gearbox oil change
Transmission Control Module(TCM)	Resetting the service reminder indicator