

Diagnostic List Volvo_v7.11

Remark:

- 1. ✓ : means that the system has this function
- 2. - : means that the system does not have this function
- 3. compared with the last version, the new added function is marked in red color.

Model	System Types	Function				Remarks (Other Functions)
		Version info.	Read DTC	Clear DTC	Read data stream	
Volvo (J1708)	Volvo Trucks	✓	✓	✓	✓	
Volvo (J1708)	Volvo Construction Equipment	✓	✓	✓	✓	
Volvo (J1708)	Volvo Buses	✓	✓	✓	✓	
Volvo (J1708)	Volvo OEM Component Customer	✓	✓	✓	✓	

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Volvo (J1708)	Renault Trucks	✓	✓	✓	✓	
Volvo (J1708)	Shandong Lingong Construction Machinery Co.,Ltd	✓	✓	✓	✓	
Volvo (J1708)	UD Trucks	✓	✓	✓	✓	
Volvo (J1708)	Mack Trucks	✓	✓	✓	✓	

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		Version info.	Read DTC	Clear DTC	Read data stream	Remarks (Other Functions)
Volvo (500K)	Engine Management System	✓	✓	✓	✓	
	Aftertreatment Control Module	✓	✓	✓	✓	
	Transmission ECU	✓	✓	✓	✓	
	Rear Chassis I/O Module	✓	✓	✓	✓	
	Center Chassis I/O Module	✓	✓	✓	✓	
	Front Chassis I/O Module	✓	✓	✓	✓	
	Body Builder Input Output Module	✓	✓	✓	✓	
	Air Pressure Management	✓	✓	✓	✓	
	Vehicle Master Control Unit	✓	✓	✓	✓	
	Integrated Electronic Control Unit	✓	✓	✓	✓	
	Tire Pressure Management	✓	✓	✓	✓	
	Antilock Brake System	✓	✓	✓	✓	
	Electronic Brake System	✓	✓	✓	✓	
	Front Axle Steering	✓	✓	✓	✓	
	Front Active Steering Gateway	✓	✓	✓	✓	
	Cab I/O Module	✓	✓	✓	✓	
	LIN Interface Module	✓	✓	✓	✓	
	Security Cab Interface Module	✓	✓	✓	✓	
	Telematics GateWay	✓	✓	✓	✓	
	Telematics ECU	✓	✓	✓	✓	
	Driver Assistance Control Unit	✓	✓	✓	✓	
	Lane Position and Object Sensor	✓	✓	✓	✓	
	Forward Looking Sensor	✓	✓	✓	✓	
	Safety Restraint System	✓	✓	✓	✓	
	Human-Machine Interface I/O Module	✓	✓	✓	✓	
	Instrument Cluster	✓	✓	✓	✓	
	Instrument Cluster Graphics	✓	✓	✓	✓	
	Secondary Information Display	✓	✓	✓	✓	
	VideoSwitch	✓	✓	✓	✓	
	Audio	✓	✓	✓	✓	
Services and Entertainment Module	✓	✓	✓	✓		
Radio Entertainment Module	✓	✓	✓	✓		
Climate Control Module	✓	✓	✓	✓		

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Volvo (500K)	Passenger Door Module	✓	✓	✓	✓	
	Driver Door Module	✓	✓	✓	✓	
	Living Environment Control Module	✓	✓	✓	✓	
	Alarm ECU	✓	✓	✓	✓	
	Body Builder Module	✓	✓	✓	✓	
	Generic Gateway ECU	✓	✓	✓	✓	
	Digital Tacho DTCO	✓	✓	✓	✓	
	Analog Tacho MTCO	✓	✓	✓	✓	
	Node name for TSU - Tacho Simulator Unit - 27.3 to be	✓	✓	✓	✓	
	MTC01390 - Analog Tachograph for Brazil to differentiate	✓	✓	✓	✓	
	Wireless Remote Gateway	✓	✓	✓	✓	
	Bending Light ECU	✓	✓	✓	✓	
	Hybrid Powertrain Control Unit	✓	✓	✓	✓	
	Power Generator Control Module	✓	✓	✓	✓	
	Power Resistor Control Module	✓	✓	✓	✓	
	Extra Axle Steering	✓	✓	✓	✓	
	Clear Air Power ECU	✓	✓	✓	✓	
	Battery Control Module	✓	✓	✓	✓	
	Human Machine Interface Control Unit	✓	✓	✓	✓	
	Human Machine Interface Control Unit 2	✓	✓	✓	✓	
	General Purpose Machine Electronic Control Unit 1	✓	✓	✓	✓	
	General Purpose Machine Electronic Control Unit 2	✓	✓	✓	✓	
	General Purpose Machine Electronic Control Unit 3	✓	✓	✓	✓	
	General Purpose Machine Electronic Control Unit 4	✓	✓	✓	✓	
	General Purpose Machine Electronic Control Unit 5	✓	✓	✓	✓	
	Interceptor Control Module	✓	✓	✓	✓	
	Traction Battery Control Module	✓	✓	✓	✓	
	Traction Battery Control Module #2	✓	✓	✓	✓	
	Traction Battery Control Module #3	✓	✓	✓	✓	
	Traction Battery Control Module #4	✓	✓	✓	✓	
	Charging Interface Control Unit	✓	✓	✓	✓	
	On-board Charger Control Unit	✓	✓	✓	✓	
	Combined Charging system Control Module	✓	✓	✓	✓	
	OCCU2 - On-board Charger Control Unit 2	✓	✓	✓	✓	
OCCU3 - On-board Charger Control Unit 3	✓	✓	✓	✓		
OCCU4 - On-board Charger Control Unit 4	✓	✓	✓	✓		
Powertrain Control Module #1	✓	✓	✓	✓		
Powertrain Control Module #2	✓	✓	✓	✓		
Powertrain Control Module #3	✓	✓	✓	✓		
Powertrain Control Unit	✓	✓	✓	✓		

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Volvo (500K)	Motor Control Unit #1	✓	✓	✓	✓	
	Motor Control Unit #2	✓	✓	✓	✓	
	Motor Control Unit #3	✓	✓	✓	✓	
	Motor Control Unit #4	✓	✓	✓	✓	
	Front Left Motor Control Module	✓	✓	✓	✓	
	Front Right Motor Control Module	✓	✓	✓	✓	
	Rear Left Motor Control Module	✓	✓	✓	✓	
	Rear Right Motor Control Module	✓	✓	✓	✓	
	Shut Down Module	✓	✓	✓	✓	
	Glare Free Headlamp Control Module 1 (Right)	✓	✓	✓	✓	
	Glare Free Headlamp Control Module 2 (Left)	✓	✓	✓	✓	
	Battery Power Management Unit	✓	✓	✓	✓	
	Engine Control Module	✓	✓	✓	✓	
	Aftertreatment Control Module	✓	✓	✓	✓	
	Turntable Module	✓	✓	✓	✓	
	Transcoder	✓	✓	✓	✓	
	Technology Development ECU	✓	✓	✓	✓	
	Image Processing Module	✓	✓	✓	✓	
	Helm Control Unit	✓	✓	✓	✓	
	Steering Unit for IPS10	✓	✓	✓	✓	
	Steering Control Module	✓	✓	✓	✓	
	Thruster Control Module	✓	✓	✓	✓	
	CAN Controlled Joystick 1	✓	✓	✓	✓	
	CAN Controlled Joystick 2	✓	✓	✓	✓	
	Energy Storage Control Module	✓	✓	✓	✓	
	Traction Voltage Monitoring Unit	✓	✓	✓	✓	
	Small General Purpose Machine Electronic Control Unit	✓	✓	✓	✓	
	Small General Purpose Machine Electronic Control Unit	✓	✓	✓	✓	
Small General Purpose Machine Electronic Control Unit	✓	✓	✓	✓		
Small General Purpose Machine Electronic Control Unit	✓	✓	✓	✓		
Small General Purpose Machine Electronic Control Unit	✓	✓	✓	✓		