

MID 140 - dashboard fault codes Volvo

Volvo trucks PDF manuals

Volvo PID Fault Codes

Number of faults	Designation of malfunction	FMI	Fault description.
PID 77	The temperature readout, front axle bogie vehicle.		
PID 78	Front axle car temperature readout.		
PID 96	Indication of the level of fuel in the tank of the car.	5 6	Low talk on the Instrument Cluster, contact A 12. Power cable Breakage. High current on Instrument Cluster. Short to Earth.
PID 114	Measurement of the absorbed current in the car.	3 4	High voltage at the Instrument Cluster, contact B 1 voltage exceeds 5 b. short circuit the battery voltage, or electrical circuit with a higher voltage. Low voltage at the Instrument Cluster, contact B 1 voltage below 0.04 in. Low voltage circuit, a short circuit on the circuit with a lower voltage.
PID 116	Display of air pressure in the vehicle.		
PID 117	Pressure display front pneumatic brakes of the car.	3 4	High voltage at the Instrument Cluster, contact B 20, Q13 voltage exceeds 5 b. short circuit the battery voltage, or electrical circuit with a higher voltage. Low voltage at the Instrument Cluster, contact B 20, B13 voltage below 0.04 in. Low voltage circuit, a short circuit on the circuit with a lower voltage.
PID 118	Pressure display rear pneumatic brakes of the car.	3 4	High voltage at the Instrument Cluster, contact B 21, B14 voltage exceeds 5 b. short circuit the battery voltage, or electrical circuit with a higher voltage. Low voltage at the Instrument Cluster, contact B 21, B14 voltage below 0.04 in. Low voltage circuit, a short circuit on the circuit with a lower voltage.
PID 120	Oil temperature indication retarder, no signal.		
PID 158	Vehicle battery voltage indication.	3 4	High voltage at the Instrument Cluster voltage exceeds 31 b. short circuit the battery voltage, or electrical circuit with a higher voltage. Low voltage at the Instrument Cluster voltage below 8 b. low voltage circuit, a short circuit on the circuit with a lower voltage.
PID 168	Vehicle battery voltage indication.	3 4	High voltage at the Instrument Cluster voltage exceeds 31 b. short circuit the battery voltage, or electrical circuit with a higher voltage. Low voltage at the Instrument Cluster voltage below 8 b. low voltage circuit, a short circuit on the circuit with a lower voltage.
PID 171	The temperature readout overboard.	5 6	Low current on Instrument Cluster, contact (B) 9. Power cable breakage. High talk on the Instrument Cluster. Short to Earth.
PID 173	Pyrometer temperature readout.		
PID 175	Engine oil temperature readout the car.		

PID 177	The temperature readout gearbox oil car.	5 6	Low current on Instrument Cluster, contact (B) 12. Power cable breakage. High talk on the Instrument Cluster. Short to Earth.
PID 178	Pressure display front air suspension circuit car.		
PID 179	Adjustable pressure indication circuit pneumatic suspension.		
PID 252	Date display.		

Volvo SID Fault Codes

Number of faults	Designation of malfunction	FMI	Fault description
SID 231	SAE J1939 control signal.		
SID 240	Programming non-volatile memory.		
SID 250	SAE J1708 signal information.	12	The place has a mechanical failure of the component.
SID 251	Electric powered car dashboard.	3 4	High voltage at the Instrument Cluster voltage exceeds 31 b. short circuit the battery voltage, or electrical circuit with a higher voltage. Low voltage at the Instrument Cluster voltage below 8 b. low voltage circuit, a short circuit on the circuit with a lower voltage.
SID 253	Non-volatile memory the calibration data.	2	Data checksum cannot be calculated or is incorrect, because the interrupt signal.
SID 254	The electronic control unit the dashboard of the car.		

Volvo PPID Fault Codes

Number of faults	Designation of malfunction	FMI	Fault description
PPID 20	Brake lining wear gauge car.		
PPID 91	The indication of the pressure in the brake system of the third bridge, no communication.		
PPID 92	Car engine cooling fan oil gauge in the hydraulic system.		
PPID 93	Car engine cooling fan oil filter indication in the hydraulic system.		
PPID 171	Display the internal temperature of the car.		

Volvo PSID Fault Codes

Number of faults	Designation of malfunction	FMI	Fault description
5 PSID	The dashboard, heat is not valid.		
PSID 7	Resistance adopted benchmark in the electronic system of the car.		
8 PSID	The magnitude of current power supply vehicle network.		
PSID 9	Control signal from electronic unit of the auxiliary heater car.		
12 PSID	Alternator number one car.		
PSID 13	Alternator under the number two car.		

PSID 14	Alternator number three car.		
PSID 17	Indication of oil level in the hydraulic amplifier car steering wheel.		
PSID 39	Quick reply button on the handlebars "Yes."	12	The place has a mechanical failure of the component. Or button was alive more than a minute.
PSID 40	Quick reply button on the handlebar.	12	The place has a mechanical failure of the component. Or button was alive more than a minute.
PSID 41	Quick reply button on the handlebars "left arrow".	12	The place has a mechanical failure of the component. Or button was alive more than a minute.
PSID 42	Quick reply button on the handlebars "right arrow".	12	The place has a mechanical failure of the component. Or button was alive more than a minute.
PSID 43	Quick reply button on the handlebars "+".	12	The place has a mechanical failure of the component. Or button was alive more than a minute.
PSID 44	Quick reply button on the handlebar.	12	The place has a mechanical failure of the component. Or button was alive more than a minute.
PSID 45	The power on button quick answer on the steering wheel of the car.	3 5 6	High voltage at the Instrument Cluster voltage exceeds 14 b. short circuit the battery voltage, or electrical circuit with a higher voltage. Low talk on the Instrument Cluster. Power cable Breakage. High current on Instrument Cluster. Short to Earth.
PSID 46	Information channel buttons quick answer on the steering wheel of the car.	9	The electronic control unit Instrument Cluster cannot check the status of your system. A malfunction in the electronic control unit or a problem in the data transmission channel.
PSID 47	Quick reply button on the handlebars "Escape".	12	The place has a mechanical failure of the component. Or button was alive more than a minute.
PSID 48	Quick reply button on the handlebars "Enter".	12	The place has a mechanical failure of the component. Or button was alive more than a minute.
PSID 49	Quick reply button on the handlebars "UP".	12	The place has a mechanical failure of the component. Or button was alive more than a minute.
50 PSID	Quick reply button on the handlebars "Down".	12	The place has a mechanical failure of the component. Or button was alive more than a minute.
PSID 197	There is no possibility to receive data from the communication channel, aftertreatment system is damaged.		
200 PSID	There is no possibility to receive data from the motor, channel of communication.	12	The place has a mechanical failure of the component. Or button was alive more than a minute.
PSID 201	There is no possibility to receive data from the electronic control unit of the car, the communication channel is corrupt.	12	The place has a mechanical failure of the component. Or button was alive more than a minute.
PSID 204	There is no possibility to receive data from the electronic control unit, the communication channel is corrupt.	12	The place has a mechanical failure of the component. Or button was alive more than a minute.
PSID 205	There is no possibility to receive data from the electronic control unit of the gearbox, the communication channel is corrupt.	12	The place has a mechanical failure of the component. Or button was alive more than a minute.
PSID 206	There is no possibility to receive data from the electronic control unit fuse, the communication channel is corrupt.	12	The place has a mechanical failure of the component. Or button was alive more than a minute.
PSID 207	There is no possibility to receive data from the electronic control unit gear selector, the communication channel is corrupt.	12	The place has a mechanical failure of the component. Or button was alive more than a minute.
PSID 208	There is no possibility to receive data from the electronic control unit of	12	The place has a mechanical failure of the component. Or button was alive more than a minute.

	pneumatic suspension, a communication channel may be corrupted.		
PSID 210	There is no possibility to receive data from the electronic control unit to external lighting, communication channel is corrupt.	12	The place has a mechanical failure of the component. Or button was alive more than a minute.
PSID 211	There is no possibility to receive data from the electronic control unit, cruise control channel connection is damaged.	12	The place has a mechanical failure of the component. Or button was alive more than a minute.
PSID 212	There is no possibility to receive data from the electronic control unit a tachograph, the communication channel is corrupt.	12	The place has a mechanical failure of the component. Or button was alive more than a minute.
PSID 214	There is no possibility to receive data from the electronic control unit body equipment module, the communication channel is corrupt.	12	The place has a mechanical failure of the component. Or button was alive more than a minute.
PSID 215	There is no possibility to receive data from the electronic control unit axle, bogie channel connection is damaged.	12	The place has a mechanical failure of the component. Or button was alive more than a minute.
PSID 216	Data transfer channel MID 187 BIO	12	The place has a mechanical failure of the component. Or button was alive more than a minute.
PSID 227	There is no possibility to receive data from the electronic control unit preparation air, the communication channel is corrupt.	12	The place has a mechanical failure of the component. Or button was alive more than a minute.
PSID 232	Line control car SAE J1939.	12	The place has a mechanical failure of the component. Or button was alive more than a minute.
PSID 234	There is no possibility to receive data from the electronic control unit alarm system, the communication channel is corrupt.	12	The place has a mechanical failure of the component. Or button was alive more than a minute.
PSID 235	There is no possibility to receive data from the electronic control unit is fitted with an airbag safety, communication channel is corrupt.	12	The place has a mechanical failure of the component. Or button was alive more than a minute.
PSID 236	There is no possibility to receive data from the electronic control unit FMS gateway communication channel is corrupt.	12	The place has a mechanical failure of the component. Or button was alive more than a minute.
PSID 238	There is no possibility to receive data from the electronic control unit climate control channel connection is damaged.	12	The place has a mechanical failure of the component. Or button was alive more than a minute.
PSID 239	There is no possibility to receive data from Volvo Link communication channel is corrupt.	12	The place has a mechanical failure of the component. Or button was alive more than a minute.
PSID 251	There is no possibility to receive data from the hybrid control unit, the communication channel is corrupt.	12	The place has a mechanical failure of the component. Or button was alive more than a minute.