

MID 136 - Volvo brake system fault codes

Volvo trucks PDF manuals

Volvo SID Fault Codes

Fault number.	Designation of malfunction.	FMI	Fault description.
SID 1, 2, 3, 4, 5, 6	Check the drawbar hitch mechanism.		
SID 1, 2, 3, 4, 5, 6	Car wheel speed sensor.	1 2 3 4 5 6 7 8 9 10 11 12	Data checksum is calculated correctly, but the tabular values below standards. Data checksum cannot be calculated or is incorrect, because the interrupt signal. High voltage on the contacts of the electronic unit ABS. short circuit on the battery voltage, or electrical circuit with a higher voltage. Low voltage contacts electronic unit ABS. Low voltage circuit, a short circuit on the circuit with a lower voltage. Low current on contact electronic unit ABS power cable Breakage. High current on contact electronic unit ABS. short circuit on the weight. Car wheel speed sensor. the system does not react in the right way. Abnormal pace data. Value (frequency, width or period) pulse-width modulation is incorrect. The pace and frequency of data updates, are wrong. The place has a mechanical or electrical malfunction the wheel speed sensor. Too large fluctuations. Calibrating speed sensor car wheels. Damaged or defective wiring component itself. The place has a mechanical failure of the component.
SID 7, 8, 9, 10, 11	Control valve solenoid valve, regulating the braking system of the vehicle.	1 3 5 6	Data checksum is calculated correctly, but the tabular values below standards. High voltage on the contacts of the electronic unit ABS. short circuit on the battery voltage, or electrical circuit with a higher voltage. Low current on contact electronic unit ABS power cable Breakage.

			High current on contact electronic unit ABS. short circuit on the weight.
SID 7, 8, 9, 10, 11, 12	Modulator car braking system.	0 1 2 3 4 5 6 7 8 9 10 11 12 13 14	Data checksum is calculated correctly, but the values above the norm. Data checksum is calculated correctly, but the tabular values below standards. Data checksum cannot be calculated or is incorrect, because the interrupt signal. High voltage on the contacts of the electronic unit ABS. short circuit on the battery voltage, or electrical circuit with a higher voltage. Low voltage contacts electronic unit ABS. Low voltage circuit, a short circuit on the circuit with a lower voltage. Low current on contact electronic unit ABS power cable Breakage. High current on contact electronic unit ABS. short circuit on the weight. Modulator, the system does not react in the right way. Abnormal pace data. Value (frequency, width or period) pulse-width modulation is incorrect. The pace and frequency of data updates, are wrong. The place has a mechanical or electrical malfunction of the modulator. Too large fluctuations. Calibration of the modulator. Damaged or defective wiring component itself. The place has a mechanical failure of the component. Modulator, calibration values are wrong. Modulator, special instructions.
SID 7, 8, 9, 10, 11, 12, 19	Modulator valves car braking system.		
SID 13	Cliff brakes emergency brake of the car.	3 5 6	High voltage on the contacts of the electronic unit ABS. short circuit on the battery voltage, or electrical circuit with a higher voltage. Low current on contact electronic unit ABS power cable Breakage. High current on contact electronic unit ABS. short circuit on the weight.

SID 13	Electromagnetic retarder relay car.		
SID 14	Power supply traction-control system of the car.		
SID 14	Solenoid valve power supply traction-control system of the car.	3 4 5 6	High voltage on the contacts of the electronic unit ABS. short circuit on the battery voltage, or electrical circuit with a higher voltage. Low voltage contacts electronic unit ABS. Low voltage circuit, a short circuit on the circuit with a lower voltage. Low current on contact electronic unit ABS power cable Breakage. High current on contact electronic unit ABS. short circuit on the weight.
SID 14.15	Check the control unit traction-control system.		
SID 15	Solenoid valve power supply traction-control system of the car.	3 4 5 6	High voltage on the contacts of the electronic unit ABS. short circuit on the battery voltage, or electrical circuit with a higher voltage. Low voltage contacts electronic unit ABS. Low voltage circuit, a short circuit on the circuit with a lower voltage. Low current on contact electronic unit ABS power cable Breakage. High current on contact electronic unit ABS. short circuit on the weight.
SID 15	Power supply traction-control system of the car.		
SID 18.19	System fault codes ABS block in your program vehicle.		Data trouble codes do not impair the functionality of the traction-control system, which continues to operate as usual.
SID 22	Data from the wheel speed sensors on the vehicle.	14	Sensor data the rotational speed of the wheels, special instructions.
SID 23	Signal light acceleration slip regulation system of the car.	5	Low current on contact electronic unit ABS power cable Breakage.
SID 24	Signal light traction control system (TCS).	3 4	High voltage on the contacts of the electronic unit ABS. short circuit on the battery voltage, or electrical circuit with a higher voltage. Low voltage contacts electronic unit ABS. Low voltage circuit, a short circuit on the circuit with a lower voltage.
SID 57.60	Comparison between pairs of modulators.		
SID 66	Car hitch modulator.	0 2 3 4 6	Data checksum is calculated correctly, but the values above the norm. Data checksum cannot be calculated or is incorrect, due to interruption of the signal. High voltage on the contacts of the electronic unit ABS. short circuit on the battery voltage, or electrical circuit with a higher voltage. Low voltage contacts electronic unit ABS. Low voltage circuit, a short circuit on the circuit with a lower voltage. High current on contact electronic unit ABS. short circuit on the weight.

SID 67	Data from pressure sensor, modulator car hitch.	0 1 7 8 12 14	Data checksum is calculated correctly, but the values above the norm. Data checksum is calculated correctly, but the tabular values below standards. Modulator, the system does not react in the right way. Abnormal pace data. Value (frequency, width or period) pulse-width modulation is incorrect. The place has a mechanical failure of the component. Pressure sensor special instructions.
SID 68	Power supply modulator car hitch.	1 3 4 7	Data checksum is calculated correctly, but the tabular values below standards. High voltage on the contacts of the electronic unit ABS. short circuit on the battery voltage, or electrical circuit with a higher voltage. Low voltage contacts electronic unit ABS. Low voltage circuit, a short circuit on the circuit with a lower voltage. Power modulator system does not react in the right way.
SID 69	The indication of the load on the axle of the car.		
SID 70, 71, 72, 73, 74, 75	Indication of wear on brake system of a vehicle.		
SID 76	Foot valve brake in the brake system of the car.	2 3 4 12 14	Data checksum cannot be calculated or is incorrect, due to interruption of the signal. High voltage on the contacts of the electronic unit ABS. short circuit on the battery voltage, or electrical circuit with a higher voltage. Low voltage contacts electronic unit ABS. Low voltage circuit, a short circuit on the circuit with a lower voltage. The place has a mechanical failure of the component. Foot brake valve, special instructions.
SID 79	The data in the EEPROM of the electronic control unit of the braking system of the vehicle, tire size.		
SID 221	Internal indication of supply voltage in the block of the braking system of the vehicle.	3 4	High voltage on the contacts of the electronic unit ABS. short circuit on the battery voltage, or electrical circuit with a higher voltage. Low voltage contacts electronic unit ABS. Low voltage circuit, a short circuit on the circuit with a lower voltage.
SID 231	The control channel data SAE J1939 car.	2 5 6	Data checksum cannot be calculated or is incorrect, because the interrupt signal. Low current on contact electronic unit ABS power cable Breakage.

		7 8 9 10 12	High current on contact electronic unit ABS. short circuit on the weight. Data channel, the system does not react in the right way. Abnormal pace data. Value (frequency, width or period) pulse-width modulation is incorrect. The pace and frequency of data updates, are wrong. The place has a mechanical or electrical malfunction the wheel speed sensor. Too large fluctuations. The place has a mechanical failure of the component.
SID 240	Program memory in electronic brake control unit of the car.	2 12	Data checksum cannot be calculated or is incorrect, because the interrupt signal. The place has a mechanical failure of the component.
SID 251	ABS/EBS powered car.	3	High voltage on the contacts of the electronic unit ABS. short circuit on the battery voltage, or electrical circuit with a higher voltage.
SID 253	Check the EEPROM of the electronic control unit of the car braking systems.	2 12	Data checksum cannot be calculated or is incorrect, because the interrupt signal. The place has a mechanical failure of the component.
SID 253	Electronic traction-control system of the car.	1 2 3 5 6 10 12 13 14	Data checksum is calculated correctly, but the tabular values below standards. Data checksum cannot be calculated or is incorrect, because the interrupt signal. High voltage on the contacts of the electronic unit ABS. short circuit on the battery voltage, or electrical circuit with a higher voltage. Low current on contact electronic unit ABS power cable Breakage. High current on contact electronic unit ABS. short circuit on the weight. The place has a mechanical or electrical malfunction the wheel speed sensor. Too large fluctuations. The place has a mechanical failure of the component. ECU calibration values are wrong. ECU, special instructions.
SID 254	Electronic stability control system of the vehicle.	1 2 3	Data checksum is calculated correctly, but the tabular values below standards. Data checksum cannot be calculated or is incorrect, because the interrupt signal.

		5 6 10 12 13 14	High voltage on the contacts of the electronic unit ABS. short circuit on the battery voltage, or electrical circuit with a higher voltage. Low current on contact electronic unit ABS power cable Breakage. High current on contact electronic unit ABS. short circuit on the weight. The place has a mechanical or electrical malfunction the wheel speed sensor. Too large fluctuations. The place has a mechanical failure of the component. ECU calibration values are wrong. ECU, special instructions.
SID 254	Electronic traction-control system of the car.	1 2 3 5 6 10 12 13 14	Data checksum is calculated correctly, but the tabular values below standards. Data checksum cannot be calculated or is incorrect, because the interrupt signal. High voltage on the contacts of the electronic unit ABS. short circuit on the battery voltage, or electrical circuit with a higher voltage. Low current on contact electronic unit ABS power cable Breakage. High current on contact electronic unit ABS. short circuit on the weight. The place has a mechanical or electrical malfunction the wheel speed sensor. Too large fluctuations. The place has a mechanical failure of the component. ECU calibration values are wrong. ECU, special instructions.

Volvo PSID Fault Codes

Fault number.	Designation of malfunction.	FMI	Fault description.
PSID 1	The weakening of the braking effect of the braking system of the vehicle.	0	Data checksum is calculated correctly, but the values above the norm.
PSID 4	Distribution of braking effort between towing vehicle and trailer brake adjustment.	7	Data channel, the system does not react in the right way.
PSID 21	Braking system hitch of the vehicle.	9 12	The pace and frequency of data updates, are wrong. The place has a mechanical failure of the component.
PSID 22	Electronic unit powered car.	0 1	Data checksum is calculated correctly, but the values above the norm.

		2 3 4	Data checksum is calculated correctly, but the tabular values below standards. Data checksum cannot be calculated or is incorrect, because the interrupt signal. High voltage on the contacts of the electronic unit ABS. short circuit on the battery voltage, or electrical circuit with a higher voltage. Low voltage contacts electronic unit ABS. Low voltage circuit, a short circuit on the circuit with a lower voltage.
PSID 23	Check out the channel of communication with trailing device.	2 5	Data checksum cannot be calculated or is incorrect, because the interrupt signal. Low current on contact electronic unit ABS power cable Breakage.
PSID 24	Check the wheel speed sensor brake system.		
PSID 25	Diagnosis and work cannot be activated, go programming.	13	The electronic control unit of the car brake system calibration values are wrong.
PSID 26	Traction control system TCS is disabled.	14	The electronic control unit of the car brake system, the special instructions.
PSID 27	Fixed difference residual lining thickness.		
PSID 28	Brake linings in critical condition.	1	Data checksum is calculated correctly, but the tabular values below standards.
PSID 30	The pressure in the pneumatic circuit is critically low.	1	Data checksum is calculated correctly, but the tabular values below standards.
PSID 31	Control channel SAE J1939 engine information.	2	Data checksum cannot be calculated or is incorrect, because the interrupt signal.
PSID 34	Vehicle stability control is activated.	12 14	The place has a mechanical failure of the component. The electronic control unit of the car brake system, the special instructions.
35 PSID	Power system stability of the vehicle.		
PSID 36	No calibration data steering wheel angle.	2	Data checksum cannot be calculated or is incorrect, because the interrupt signal.
PSID 37	Indication of lateral acceleration of the car, the sensor is rambling.	2	Data checksum cannot be calculated or is incorrect, because the interrupt signal.
PSID 38	Failure indication system of roadholding.		
PSID 41	Stability system, deactivated.	14	The electronic control unit of the car brake system, the special instructions.
PSID 42	Stability control, a logic error within the system.		
PSID 43	Power electronic unit high/low.		
PSID 44	Component of the system may not be recognized.	2	Data checksum cannot be calculated or is incorrect, because the interrupt signal.
PSID 45	Modulator requested reconfiguration from the electronic control unit.	2	Data checksum cannot be calculated or is incorrect, because the interrupt signal.
PSID 46	Food at the modulator is fed continuously.	2	Data checksum cannot be calculated or is incorrect, because the interrupt signal.
PSID 48	Achieve sufficient braking power could not be performed.	7	Data channel, the system does not react in the right way.
50 PSID	Vehicle stability system, the electronic control unit.		

PSID 51	Lateral acceleration sensor of the car.	2 10 13	Data checksum cannot be calculated or is incorrect, because the interrupt signal. The place has a mechanical or electrical malfunction of the car's lateral acceleration sensor. Too large fluctuations. Lateral acceleration sensor car calibration values are wrong.
PSID 52	Rotation sensor of the car.	2 8 9 10 12 14	Data checksum cannot be calculated or is incorrect, because the interrupt signal. Abnormal pace data. Value (frequency, width or period) pulse-width modulation is incorrect. The pace and frequency of data updates, are wrong. The place has a mechanical or electrical malfunction of the car's rotation sensor. Too large fluctuations. The electronic control unit of the car brake system, the special instructions. The place has a mechanical failure of the component.
PSID 53	Steering angle display car.	2 9 10 12 13 14	Data checksum cannot be calculated or is incorrect, because the interrupt signal. The pace and frequency of data updates, are wrong. The place has a mechanical or electrical malfunction of the steering angle indicator car. Too large fluctuations. The electronic control unit of the car brake system, the special instructions. Steering angle display car calibration values are wrong. The place has a mechanical failure of the component.
PSID 59	Protivobkusovochnoj valve system is detected, but not configured.	2 6	Data checksum cannot be calculated or is incorrect, because the interrupt signal. High current on contact electronic unit ABS. short circuit on the weight.
PSID 60, 61, 62, 63	The car's traction control, solenoid valves.	3 4 5 6 9 10	High voltage on the contacts of the electronic unit ABS. short circuit on the battery voltage, or electrical circuit with a higher voltage. Low voltage contacts electronic unit ABS. Low voltage circuit, a short circuit on the circuit with a lower voltage. Low current on contact electronic unit ABS power cable Breakage. High current on contact electronic unit ABS. short circuit on the weight. The pace and frequency of data updates, are wrong.

			The place has a mechanical or electrical malfunction of the traction-control system of the car. Too large fluctuations.
64 PSID	The car's traction control, solenoid valves, General wire supply.	3 4	High voltage on the contacts of the electronic unit ABS. short circuit on the battery voltage, or electrical circuit with a higher voltage. Low voltage contacts electronic unit ABS. Low voltage circuit, a short circuit on the circuit with a lower voltage.
PSID 65	Modulator, errors in the software of the electronic unit.	13 14	Modulator, calibration values are wrong. The place has a mechanical failure of the component.
PSID 66, 67, 68, 69	Modulator car braking system.	0 1 2 3 4 5 6 7 8 9 10 11 12 13 14	Data checksum is calculated correctly, but the values above the norm. Data checksum is calculated correctly, but the tabular values below standards. Data checksum cannot be calculated or is incorrect, due to interruption of the signal. High voltage on the contacts of the electronic unit ABS. short circuit on the battery voltage, or electrical circuit with a higher voltage. Low voltage contacts electronic unit ABS. Low voltage circuit, a short circuit on the circuit with a lower voltage. Low current on contact electronic unit ABS power cable Breakage. High current on contact electronic unit ABS. short circuit on the weight. Modulator, the system does not react in the right way. Abnormal pace data. Value (frequency, width or period) pulse-width modulation is incorrect. The pace and frequency of data updates, are wrong. The place has a mechanical or electrical malfunction of the modulator. Too large fluctuations. Calibration of the modulator. Damaged or defective wiring component itself. The place has a mechanical failure of the component. Modulator, calibration values are wrong. Modulator, special instructions.

PSID 70, 71, 72, 73	Car wheel speed sensor.	1 2 3 4 5 6 7 8 9 10 11 12	Data checksum is calculated correctly, but the tabular values below standards. Data checksum cannot be calculated or is incorrect, because the interrupt signal. High voltage on the contacts of the electronic unit ABS. short circuit on the battery voltage, or electrical circuit with a higher voltage. Low voltage contacts electronic unit ABS. Low voltage circuit, a short circuit on the circuit with a lower voltage. Low current on contact electronic unit ABS power cable Breakage. High current on contact electronic unit ABS. short circuit on the weight. Car wheel speed sensor. the system does not react in the right way. Abnormal pace data. Value (frequency, width or period) pulse-width modulation is incorrect. The pace and frequency of data updates, are wrong. The place has a mechanical or electrical malfunction the wheel speed sensor. Too large fluctuations. Calibrating speed sensor car wheels. Damaged or defective wiring component itself. The place has a mechanical failure of the component.
PSID 74, 75, 76, 77	Indication of wear on brake system of a vehicle.		
PSID 80	Duplicates the auxiliary valve for braking system of the vehicle.		This component is not used by Volvo. This fault code may continue to register in case of failures related to its inputs to the control unit. First check whether the technical configuration of the vehicle and make sure there is no damage to the wires and contacts.
PSID 81	Differential lock the car.	2 3 4	Data checksum cannot be calculated or is incorrect, because the interrupt signal. High voltage on the contacts of the electronic unit ABS. short circuit on the battery voltage, or electrical circuit with a higher voltage. Low voltage contacts electronic unit ABS. Low voltage circuit, a short circuit on the circuit with a lower voltage.
PSID 83	Activating the brakes the car hitch.	3	High voltage on the contacts of the electronic unit ABS. short circuit on the battery voltage, or electrical circuit with a higher voltage.

		4	Low voltage contacts electronic unit ABS. Low voltage circuit, a short circuit on the circuit with a lower voltage.
PSID 85	Activate the function when starting the ascent vehicle.	3 4	High voltage on the contacts of the electronic unit ABS. short circuit on the battery voltage, or electrical circuit with a higher voltage. Low voltage contacts electronic unit ABS. Low voltage circuit, a short circuit on the circuit with a lower voltage.
PSID 86, 87	The switch, the brake valve in the braking system of the vehicle.	3 4	High voltage on the contacts of the electronic unit ABS. short circuit on the battery voltage, or electrical circuit with a higher voltage. Low voltage contacts electronic unit ABS. Low voltage circuit, a short circuit on the circuit with a lower voltage.
PSID 88, 89, 90	Car hitch modulator.	3 5 6 10	High voltage on the contacts of the electronic unit ABS. short circuit on the battery voltage, or electrical circuit with a higher voltage. Low current on contact electronic unit ABS power cable Breakage. High current on contact electronic unit ABS. short circuit on the weight. The place has a mechanical or electrical malfunction of the modulator car hitch. Too large fluctuations.
PSID 101, 102	Indication of the speed of the wheels, the second front in the brake system of the car.		
PSID 103.104	Indication of wear on, the second front axle in the brake system of the car.		
PSID 105	Power modulator of the braking system of the vehicle.		
PSID 106	Power electronic stability control unit of the car.		
PSID 119	Power sensors system of roadholding.	2 3 4 12	Data checksum cannot be calculated or is incorrect, because the interrupt signal. High voltage on the contacts of the electronic unit ABS. short circuit on the battery voltage, or electrical circuit with a higher voltage. Low voltage contacts electronic unit ABS. Low voltage circuit, a short circuit on the circuit with a lower voltage. The place has a mechanical failure of the component.
PSID 121	The car's traction control system, a logical fallacy.	10	The place has a mechanical or electrical malfunction of the modulator car hitch. Too large fluctuations.

PSID 123	The problem is the communication channel between the block and modulators.	2 9 13	Data checksum cannot be calculated or is incorrect, because the interrupt signal. The pace and frequency of data updates, are wrong. ECU calibration values are wrong.
PSID 124	Channel stability system with sensors.	2	Data checksum cannot be calculated or is incorrect, because the interrupt signal.
PSID 130.132, 132, 133, 134, 135, 136, 137, 138, 139	Mechanical wheel brakes braking system of the vehicle.	7	Data channel, the system does not react in the right way.
200 PSID	Control channel SAE J1939, electronic engine block of the car.	9	The pace and frequency of data updates, are wrong.
PSID 201	Control channel SAE J1939, e-block car.	9	The pace and frequency of data updates, are wrong.
PSID 202	Control channel SAE J1939, the dashboard of the car.	9	The pace and frequency of data updates, are wrong.
PSID 205	Control channel SAE J1939, electronic block transmission car.	9	The pace and frequency of data updates, are wrong.
PSID 206	Control channel SAE J1939, car retarder unit.	9	The pace and frequency of data updates, are wrong.
PSID 208	Control channel SAE J1939, electronic air suspension car.	9	The pace and frequency of data updates, are wrong.
PSID 210	Control channel SAE J1939, electronic block external lighting of the vehicle.	9	The pace and frequency of data updates, are wrong.
PSID 211	Control channel SAE J1939, electronic block adaptive cruise control car.	9	The pace and frequency of data updates, are wrong.
PSID 214	Control channel SAE J1939, electronic equipment of the vehicle.	9	The pace and frequency of data updates, are wrong.
PSID 227	Control channel SAE J1939, unidentified car unit.	9	The pace and frequency of data updates, are wrong.