Fault codes braking system, EBS.

FMI code Problem repair indicator light signal

SPN 70 7 FMI 7 Fault in the parking brake circuit. Check the parking brake. Erase trouble codes. When the stability of the fault, replace the control module of the trailer. Problem ABSili trailer control malfunction. Active.

SPN 84 FMI 9 Communication CAN bus with VECU. Check integrity of the CAN bus, connected to the EBS unit (X1 / 1, X1 / 3). Check that VECU unit is connected and working properly. Faulty ABS. Active.

FMI 10 Communication CAN bus with VECU. Check integrity of the CAN bus, connected to the EBS unit (X1 / 1, X1 / 3). Check that VECU unit is connected and working properly. Faulty ABS. Active.

FMI 31 Communication CAN bus with VECU, the fault is not memorized. Check integrity of the CAN bus, connected to the EBS unit (X1 / 1, X1 / 3). Check that VECU unit is connected and working properly. Faulty ABS. Active.

SPN 122 FMI 9 Communication CAN data bus EECU. Check integrity of the CAN bus, connected to the EBS unit (X1 / 1, X1 / 3). Check that the engine control unit is connected and working properly. The risk of the wheels locking. Active.

SPN 512 FMI 9 Communication CAN data bus EECU. Check integrity of the CAN bus, connected to the EBS unit (X1 / 1, X1 / 3). Check that the engine control unit is connected and working properly. The risk of the wheels locking. Active.

SPN 514 FMI 9 Communication CAN data bus EECU. Check integrity of the CAN bus, connected to the EBS unit (X1 / 1, X1 / 3). Check that the engine control unit is connected and working properly. Problem trailer control. Active.

SPN 520 FMI 9 Communication CAN data bus EECU, retarder. Check integrity of the CAN bus, connected to the EBS unit (X1 / 1, X1 / 3). Check that the engine control unit is connected and working properly. The risk of the wheels locking. Active.

SPN 627 FMI 7 is too high or too low current to block EBS, the fault is not memorized. Check power supply EBS (plus X1 / 7 X1 / 8 and minus X1 / 10, X1 / 12) unit. Check fuses that are EBS. Danger to block the wheels. Stop.

SPN 628 FMI 2 Block EBS is not parameterized. Run parameterization. When the stability of the fault, replace blockEBS. Danger to block the wheels. Stop.

FMI 13 Internal fault EBS unit. Run parameterization. When the stability of the fault, replace blockEBS. Danger to block the wheels. Stop.

SPN 629 FMI 2 Internal fault EBS unit. Delete the fault codes. When the stability of the fault, replace blockEBS. Danger to block the wheels. Stop.

FMI 9 Internal fault EBS unit. Delete the fault codes. When the stability of the fault, replace blockEBS. Danger to block the wheels. Stop.

FMI 11 Internal fault EBS unit. Delete the fault codes. When the stability of the fault, replace blockEBS. Danger to block the wheels. Stop.

FMI 12 Internal fault EBS unit. Delete the fault codes. When the stability of the fault, replace blockEBS. Danger to block the wheels. Stop.

SPN 630 FMI 13 fault calibration of the valve gate. Perform calibration. When the stability of the fault, replace the EBS unit. The repairs. Active.

SPN 639 FMI 2 Open circuit or short circuit to link shinyCAN. Check integrity of the CAN bus, connected to the EBS unit (X1 / 1, X1 / 3). The risk of the wheels locking. Active.

FMI 9 Open circuit or short circuit to link shinyCAN. Check integrity of the CAN bus, connected to the EBS unit (X1 / 1, X1 / 3). The risk of the wheels locking. Active.

SPN 789 FMI 1 speed sensor, front left, wrong clearance. Check the sensor gap. Faulty ABS. Active.

FMI 2 speed sensor, front left, open circuit or short circuit. Check the sensor resistance (950-1930 ohm). Faulty ABS. Active.

FMI 7 speed sensor, front left, wrong gap or defective gear. Check the sensor gap. Check gear teeth for the state and runout. Faulty ABS. Active.
FMI 8 speed sensor, front left, the signal loss while driving or failure ABS adjustment. Check the sensor resistance (950-1930 ohm). Check gear teeth for the state and runout. Check for residual pressure in the brake chambers. Check the brakes for mechanical binding. Faulty ABS. Active.

FMI 10 speed sensor, front left, failure ABS adjustment. Check the sensor resistance (950-1930 ohm). Check gear teeth for the state and runout. Faulty ABS. Active.

FMI 13 Inconsistency wheel sizes (divergence above 30%). Check the tire size. Continue for a few kilometers. Where a permanent failure to change tire sizes. Faulty ABS. Active.

SPN 790 FMI 1 speed sensor, front right, wrong clearance. Check the sensor gap. Faulty ABS. Active.

FMI 2 speed sensor, front right, open circuit or short circuit. Check the sensor resistance (950-1930 ohm). Faulty ABS. Active.

FMI 7 speed sensor, front right, wrong gap or defective gear. Check the sensor gap. Check gear teeth for the state and runout. Faulty ABS. Active.

FMI 8 speed sensor, front right, signal loss while driving or failure ABS adjustment. Check the sensor resistance (950-1930 ohm). Check gear teeth for the state and runout. Check for residual pressure in the brake chambers. Check the brakes for mechanical binding. Faulty ABS. Active.

FMI 10 speed sensor, front right, failure ABS adjustment. Check the sensor resistance (950-1930 ohm). Check gear teeth for the state and runout. Faulty ABS. Active.

FMI 13 Inconsistency wheel sizes (divergence above 30%). Check the tire size. Continue for a few kilometers. Where a permanent failure to change tire sizes. Faulty ABS. Active.

SPN 791 FMI 1 speed sensor, rear left, wrong clearance. Check the sensor gap. Faulty ABS. Active.

FMI 2 speed sensor, rear left, open circuit or short circuit. Check the sensor resistance (950-1930 ohm). Faulty ABS. Active.

FMI 7 speed sensor, rear left, wrong gap or defective gear. Check the sensor gap. Check gear teeth for the state and runout.Faulty ABS. Active.

FMI 8 speed sensor, rear left, the signal loss while driving or failure ABS adjustment. Check the sensor resistance (950-1930 ohm). Check gear teeth for the state and runout. Check for residual pressure in the brake chambers. Check the brakes for mechanical binding. Faulty ABS. Active.

FMI 10 speed sensor, rear left, failure ABS adjustment. Check the sensor resistance (950-1930 ohm). Check gear teeth for the state and runout. Faulty ABS. Active.

FMI 13 Inconsistency wheel sizes (divergence above 30%). Check the tire size. Continue for a few kilometers. Where a permanent failure to change tire sizes. Faulty ABS. Active.

SPN 792 FMI 1 speed sensor, rear right, wrong clearance. Check the sensor gap. Faulty ABS. Active.

FMI 2 speed sensor, rear right, open circuit or short circuit. Check the sensor resistance (950-1930 ohm). Faulty ABS. Active.

FMI 7 speed sensor, rear right, wrong gap or defective gear. Check the sensor gap. Check gear teeth for the state and runout. Faulty ABS. Active.

FMI 8 speed sensor, rear right, signal loss while driving or failure ABS adjustment. Check the sensor resistance (950-1930 ohm). Check gear teeth for the state and runout. Check for residual pressure in the brake chambers. Check the brakes for mechanical binding. Faulty ABS. Active.

FMI 10 speed sensor, rear right, failure ABS adjustment. Check the sensor resistance (950-1930 ohm). Check gear teeth for the state and runout. Faulty ABS. Active.

FMI 13 Inconsistency wheel sizes (divergence above 30%). Check the tire size. Continue for a few kilometers. Where a permanent failure to change tire sizes. Faulty ABS. Active.

SPN 793 FMI 1 speed sensor, the left, the additional axle, incorrect gap. Check the sensor gap. Faulty ABS. Active.

FMI 2 speed sensor, the left, the additional axle, open circuit or short circuit. Check the sensor resistance (950-1930 ohm). Faulty ABS. Active.

FMI 7 speed sensor, the left, the additional axis, the wrong gap or defective gear. Check the sensor gap. Check gear teeth for the state and runout. Faulty ABS. Active.

FMI 8 speed sensor, the left, the additional axle, signal loss while driving or failure ABS adjustment. Check the sensor resistance (950-1930 ohm). Check gear teeth for the state and runout. Check for residual pressure in the brake chambers. Check the brakes for mechanical binding. Faulty ABS. Active.

FMI 10 speed sensor, the left, the additional axle, ABS malfunction adjustment. Check the sensor resistance (950-1930 ohm). Check gear teeth for the state and runout. Faulty ABS. Active.

FMI 13 Inconsistency wheel sizes (divergence above 30%). Check the tire size. Continue for a few kilometers. Where a permanent failure to change tire sizes. Faulty ABS. Active.
SPN 794 FMI 1 speed sensor, right, additional axis, the wrong gap. Check the sensor gap. Faulty ABS. Active.

FMI 2 speed sensor, right, additional axis, open circuit or short circuit. Check the sensor resistance (950-1930 ohm). Faulty ABS. Active.

FMI 7 speed sensor, right, additional axis, the wrong gap or defective gear. Check the sensor gap. Check gear teeth for the state and runout. Faulty ABS. Active.

FMI 8 speed sensor, right, additional axis, the signal loss while driving or failure ABS adjustment. Check the sensor resistance (950-1930 ohm). Check gear teeth for the state and runout. Check for residual pressure in the brake chambers. Check the brakes for mechanical binding. Faulty ABS. Active.

FMI speed sensor 10, the right, the additional axle, ABS malfunction adjustment. Check the sensor resistance (950-1930 ohm). Check gear teeth for the state and runout. Faulty ABS. Active.

FMI 13 Inconsistency wheel sizes (divergence above 30%). Check the tire size. Continue for a few kilometers. Where a permanent failure to change tire sizes. Faulty ABS. Active.

SPN 795 FMI 12 fault of the front loop or internal module fault pneumatic system. Run checks for leaks air inlet module and the outlet. Check air line for contamination or kinks. Check the exhaust on the crane and on the module using a PC. Check gauges minimum pressure. Faulty ABS. Active.

SPN 796 FMI 12 fault of the front loop or internal module fault pneumatic system. Run checks for leaks air inlet module and the outlet. Check air line for contamination or kinks. Check the exhaust on the crane and on the module using a PC. Check gauges minimum pressure. Faulty ABS. Active.

SPN 797 FMI 12 fault rear loop or internal module fault pneumatic system. Run checks for leaks air inlet module and the outlet. Check air line for contamination or kinks. Check the exhaust on the crane and on the module using a PC. Check gauges minimum pressure. Faulty ABS. Active.

SPN 798 FMI 12 fault rear loop or internal module fault pneumatic system. Run checks for leaks air inlet module and the outlet. Check air line for contamination or kinks. Check the exhaust on the crane and on the module using a PC. Check gauges minimum pressure. Danger to block the wheels. Stop.

SPN 799 FMI 12 fault circuit pneumatic system additional axis or internal module fault. Run checks for leaks air inlet module and the outlet. Check air line for contamination or kinks. Check the exhaust on the crane and on the module using a PC. Check gauges minimum pressure. Danger to block the wheels. Stop.

SPN 800 FMI 12 fault circuit pneumatic system additional axis or internal module fault. Run checks for leaks air inlet module and the outlet. Check air line for contamination or kinks. Check the exhaust on the crane and on the module using a PC. Check gauges minimum pressure. Faulty ABS. Active.


SPN 810 FMI 7 speed sensor failure, the last time the current is turned on (not memorized). Run your acceleration to speeds of 20 km / h. The fault should disappear with the elimination from the speed sensor problems. Check the ABS in motion. Active.

SPN 1042 FMI 7 Fault 7-pin trailer outlet (not memorized). Check the socket and its wiring. Problem trailer management. Active.

SPN 1043 FMI 2 Faulty power supply 5 V on tap, the sensor circuit to power. Check that the voltage between terminals X2 / 2 and X2 / 3 is in the range of 4.5-5.5 V. Check integrity of cable connections. Danger to block the wheels. Stop.

SPN 1047 FMI 2 Faulty front loop or internal module fault pneumatic system. Run checks for leaks air inlet module and the outlet. Check air line for contamination or kinks. Check the exhaust on the crane and on the module using a PC. Check gauges minimum pressure. Faulty ABS. Active.

FMI 7 Malfunction of the front loop or internal module fault pneumatic system. Run checks for leaks air inlet module and the outlet. Check air line for contamination or kinks. Check the exhaust on the crane and on the module using a PC. Check gauges minimum pressure. Faulty ABS. Active.

FMI 9 Faulty connection between the front unit and the EBS unit (CAN internal bus). 4 Check the integrity of cables between the unit and the EBS module (X3 / 2, A3 / 5, the X3 / 8, X3 / 11). Check the EBS unit power (plus X1 / 7 X1 / 8 and minus X1 / 10, X1 / 12) and module (X3 / 2 and X3 / 11). Check fuses which are EBS. Faulty ABS. Active.

FMI 12 Front module internal fault. Delete the fault codes. When the stability of the fault, replace the module. Faulty ABS. Active.

FMI 13 Incompatibility between the front module and blokomEBS. Check module markings and EBS unit.
Faulty ABS. Active.
SPN 1048 FMI 7 Malfunction of the front loop or internal module fault pneumatic system. Run checks for leaks air inlet module and the outlet. Check air line for contamination or kinks. Check the exhaust on the crane and on the module using a PC. Check gauges minimum pressure. Urgent stop. Stop.

SPN 1050 FMI 2 Faulty rear loop or internal module fault pneumatic system. Run checks for leaks air inlet module and the outlet. Check air line for contamination or kinks. Check the exhaust on the crane and on the module using a PC. Check gauges minimum pressure. Danger to block the wheels. Stop.

FMI 7 rear loop or internal module fault Malfunction of the pneumatic system. Run checks for leaks air inlet module and the outlet. Check air line for contamination or kinks. Check the exhaust on the crane and on the module using a PC. Check gauges minimum pressure. Urgent stop. Stop.

FMI 9 Faulty connection between the rear module and blokomEBS (internal bus CAN). 4 Check the integrity of cables between the unit and the EBS module (rear axle) (X4 / 4, X4 / 7, X4 / 10, X4 / 13). Check the EBS unit power (plus X1 / 7 X1 / 8 and minus X1 / 10, X1 / 12) and module (X4 / 4 and X4 / 13). Check fuses which are EBS. Danger to block the wheels. Stop.

FMI 12 Rear module internal fault. Delete the fault codes. When the stability of the fault, replace the module. Danger to block the wheels. Stop.

FMI 13 Incompatibility between the rear module and blokomEBS. Check module markings and EBS unit. Danger to block the wheels. Stop.

SPN 1051 FMI 7 rear loop or internal module fault Malfunction of the pneumatic system. Run checks for leaks air inlet module and the outlet. Check air line for contamination or kinks. Check the exhaust on the crane and on the module using a PC. Check gauges minimum pressure. Urgent stop. Stop.

SPN 1053 FMI 2 fault circuit pneumatic system additional axis or internal module fault. Run checks for leaks air inlet module and the outlet. Check air line for contamination or kinks. Check the exhaust on the crane and on the module using a PC. Check gauges minimum pressure. Faulty ABS. Active.

FMI 7 Fault loop additional axis or internal module fault pneumatic system. Run checks for leaks air inlet module and the outlet. Check air line for contamination or kinks. Check the exhaust on the crane and on the module using a PC. Check gauges minimum pressure. Faulty ABS. Active.

FMI 9 Faulty communication between the module and the additional axis EBS unit (CAN internal bus). 4 Check the integrity of cables between the unit and the EBS module (rear axle module) (X4 / 2 X4 / 8, X4 / 11, X4 / 14). Check the EBS unit power (plus X1 / 7 X1 / 8 and minus X1 / 10, X1 / 12) and module (X4 / 2 and X4 / 14). Check fuses which are EBS. Faulty ABS. Active.

FMI 12 additional axis module, internal fault. Delete the fault codes. When the stability of the fault, replace the module. Faulty ABS. Active.

FMI 13 Incompatibility between the module and the additional axis EBS unit. Check module markings and EBS unit. Faulty ABS. Active.

SPN 1054 FMI 7 Fault loop additional axis or internal module fault pneumatic system. Run checks for leaks air inlet module and the outlet. Check air line for contamination or kinks. Check the exhaust on the crane and on the module using a PC. Check gauges minimum pressure. Urgent stop. Stop.

SPN 1056 FMI 7 Malfunction of the pneumatic system of the trailer control module or an internal module fault. Check air supply pressure sensors the minimum pressure, the pneumatic circuit of the trailer module system. Check the parking brake. Delete the fault codes. When the stability of the fault, replace the brake control unit of the trailer. Problem trailer management. Active.

FMI 9 Internal fault in the control unit of the trailer or the fail communication unit additional axis module, EBS unit and the trailer control module. Check the electrical connection to the trailer EBS unit control module (4 wires integrity X3 / 3, 6, 9, 12). Check the EBS unit power (plus X1 / 7 X1 / 8 and minus X1 / 10, X1 / 12) and module (X3 / 3 and X3 / 12). Check fuses which are EBS. Delete the fault codes. When the stability of the fault, replace the trailer control module. Problem trailer management. Active.

FMI 11 Incompatibility between the trailer control module and the EBS unit. Check module markings and EBS unit. Problem trailer management. Active.

FMI 12 Internal fault in the control unit of the trailer. Delete the fault codes. When the stability of the fault, replace the trailer control module. Problem trailer management. Active.

FMI 13 Internal fault in the control unit of the trailer. Run parameterization. Delete the fault codes. When the stability of the fault, replace the trailer control module. Problem trailer management. Active.

FMI 16 Internal fault in the control unit of the trailer. Delete the fault codes. When the stability of the fault, replace the trailer control module. Problem trailer management. Active.

SPN 1057 FMI 7 Failure in the pneumatic power (not memorized). Check the trailer air supply circuit.
Danger on the braking of the trailer. Stop.

SPN 1058 FMI 7 Malfunction of the pneumatic system of the trailer control module. Check air supply pressure, the minimum pressure sensors, circuit module pneumatic system pritsepa. Udalit fault codes. When the stability of the fault, replace the trailer control module. Problem trailer management. Active.

SPN 1059 FMI 2 Open circuit or short circuit on the signal charge sensor, a short to ground the charging of the sensor supply. Check integrity of sensor cable connections. Check the technical data of the sensor. The risk of the wheels locking. Active.

SPN 1060 FMI 2 sensor pad wear, front left, failure of the sensor or wear too much difference between the right and left sides of the front axle. Check integrity of sensor cable connections. Check the technical data of the sensor. Check the brake assembly. The repairs. Active.

FMI 12 wear sensor front axle pad (right and left), the power to ground. Check integrity of cable connections. Check the technical data of the sensor. The repairs. Active.

SPN 1061 FMI 2 pad wear sensor, front right, signal failure. Check integrity of cable connections. Check the technical data of the sensor. The repairs. Active.

SPN 1062 FMI 2 pad wear sensor, rear left, failure of the sensor or wear too much difference between the left and right sides of the rear axle. Check integrity of sensor cable connections. Check the technical data of the sensor. Check the brake assembly. The repairs. Active.

FMI 12 wear sensor rear axle pad (right and left), the power to ground. Check integrity of cable connections. Check the technical data of the sensor. The repairs. Active.

SPN 1063 FMI 2 pad wear sensor, rear right, signal failure. Check integrity of cable connections. Check the technical data of the sensor. The repairs. Active.

12 FMI pad wear sensor, rear right, power, short to ground. Check integrity of cable connections. Check the technical data of the sensor. The repairs. Active.

SPN 1064 FMI 2 pad wear sensor, left, the additional axle, wear big difference between the right and left sides of the additional axis. Check integrity of sensor cable connections. Check the technical data of the sensor. Check the brake assembly. The repairs. Active.

FMI wear sensors 12 additional axle pad (right and left), the power to ground. Check integrity of cable connections. Check the technical data of the sensor. The repairs. Active.

SPN 1065 FMI 2 pad wear sensor, right, additional axis, the signal failure. Check integrity of cable connections. Check the technical data of the sensor. The repairs. Active.

SPN 1066 FMI 2 Open circuit or short circuit in one of the two signals from the crane. Check integrity of cable connections. Danger to block the wheels. Stop.

SPN 1069 FMI 13 Internal fault EBS unit. Delete the fault codes. When the stability of the fault, replace blokEBS. Faulty ABS. Active.

SPN 1087 FMI 7 Insufficient air pressure. Fill air tanks. Check for air leaks. Air pressure. Stop.

SPN 1624 FMI 9 Communication CAN bus with a tachograph. Check integrity of cable connections CAN bus is connected to the EBS unit (X1 / 1, X1 / 3). Check the correct connection and operation of the tachograph. Faulty ABS. Active.