

Trouble code identification

Code	Fault location	Probable cause
1-1	Start of sequence	
2-6	Brake pedal position (BPP) switch	Wiring, BPP switch
2-7	ABS control module supply voltage continuous with ignition OFF	Wiring, system relay
2-8	Solenoid valve supply voltage	Wiring, system relay, hydraulic modulator
2-12	Wheel speed sensor, RH front - air gap	Wheel speed sensor, sensor rotor, wheel bearings
2-13	Wheel speed sensor, LH rear - air gap	Wheel speed sensor, sensor rotor, wheel bearings
2-14	Wheel speed sensor, LH front - air gap	Wheel speed sensor, sensor rotor, wheel bearings
2-15	Wheel speed sensor, RH rear - air gap	Wheel speed sensor, sensor rotor, wheel bearings
3-0	Solenoid valve, RH front inlet - circuit malfunction	Wiring, solenoid valve, ABS control module
3-1	Solenoid valve, RH front outlet - circuit malfunction	Wiring, solenoid valve, ABS control module
3-2	Solenoid valve, LH front inlet - circuit malfunction	Wiring, solenoid valve, ABS control module
3-3	Solenoid valve, LH front outlet - circuit malfunction	Wiring, solenoid valve, ABS control module
3-4	Solenoid valve, RH rear inlet - circuit malfunction	Wiring, solenoid valve, ABS control module
3-5	Solenoid valve, RH rear outlet - circuit malfunction	Wiring, solenoid valve, ABS control module
3-6	Solenoid valve, LH rear inlet - circuit malfunction	Wiring, solenoid valve, ABS control module
3-7	Solenoid valve, LH rear outlet - circuit malfunction	Wiring, solenoid valve, ABS control module
3-8	Isolation solenoid valve, inlet - circuit malfunction	Wiring, isolation solenoid valve, ABS control module
3-9	Isolation solenoid valve, outlet - circuit malfunction	Wiring, isolation solenoid valve, ABS control module
4-0	Solenoid valve, RH front inlet - short circuit	Wiring, solenoid valve, ABS control module
4-1	Solenoid valve, RH front outlet - short circuit	Wiring, solenoid valve, ABS control module
4-2	Solenoid valve, LH front inlet - short circuit	Wiring, solenoid valve, ABS control module
4-3	Solenoid valve, LH front outlet - short circuit	Wiring, solenoid valve, ABS control module
4-4	Solenoid valve, RH rear inlet - short circuit	Wiring, solenoid valve, ABS control module
4-5	Solenoid valve, RH rear outlet - short circuit	Wiring, solenoid valve, ABS control module
4-6	Solenoid valve, LH rear inlet - short circuit	Wiring, solenoid valve, ABS control module
4-7	Solenoid valve, LH rear outlet - short circuit	Wiring, solenoid valve, ABS control module
4-8	Isolation solenoid valve, inlet - short circuit	Wiring, isolation solenoid valve, ABS control module
4-9	Isolation solenoid valve, outlet - short circuit	Wiring, isolation solenoid valve, ABS control module
4-12	Wheel speed sensor, RH front - high resistance/open circuit	Wiring, wheel speed sensor
4-13	Wheel speed sensor, LH rear - high resistance/open circuit	Wiring, wheel speed sensor
4-14	Wheel speed sensor, LH front - high resistance/open circuit	Wiring, wheel speed sensor
4-15	Wheel speed sensor, RH rear - high resistance/open circuit	Wiring, wheel speed sensor
5-0	Solenoid valve, RH front inlet - short circuit to positive	Wiring, solenoid valve, ABS control module
5-1	Solenoid valve, RH front outlet - short circuit to positive	Wiring, solenoid valve, ABS control module
5-2	Solenoid valve, LH front inlet - short circuit to positive	Wiring, solenoid valve, ABS control module
5-3	Solenoid valve, LH front outlet - short circuit to positive	Wiring, solenoid valve, ABS control module
5-4	Solenoid valve, RH rear inlet - short circuit to positive	Wiring, solenoid valve, ABS control module
5-5	Solenoid valve, RH rear outlet - short circuit to positive	Wiring, solenoid valve, ABS control module
5-6	Solenoid valve, LH rear inlet - short circuit to positive	Wiring, solenoid valve, ABS control module
5-7	Solenoid valve, LH rear outlet - short circuit to positive	Wiring, solenoid valve, ABS control module
5-8	Isolation solenoid valve, inlet - short circuit to positive	Wiring, isolation solenoid valve, ABS control module
5-9	Isolation solenoid valve, outlet - short circuit to positive	Wiring, isolation solenoid valve, ABS control module
5-12	Wheel speed sensor, RH front - intermittent circuit malfunction	Wiring, wheel speed sensor
5-13	Wheel speed sensor, LH rear - intermittent circuit malfunction	Wiring, wheel speed sensor
5-14	Wheel speed sensor, LH front - intermittent circuit malfunction	Wiring, wheel speed sensor
5-15	Wheel speed sensor, RH rear - intermittent circuit malfunction	Wiring, wheel speed sensor
6-0	Solenoid valve, RH front inlet - short circuit to another solenoid valve	Wiring, hydraulic modulator, ABS control module
6-1	Solenoid valve, RH front outlet - short circuit to another solenoid valve	Wiring, hydraulic modulator, ABS control module
6-2	Solenoid valve, LH front inlet - short circuit to another solenoid valve	Wiring, hydraulic modulator, ABS control module
6-3	Solenoid valve, LH front outlet - short circuit to another solenoid valve	Wiring, hydraulic modulator, ABS control module
6-4	Solenoid valve, RH rear inlet - short circuit to another solenoid valve	Wiring, hydraulic modulator, ABS control module
6-5	Solenoid valve, RH rear outlet - short circuit to another solenoid valve	Wiring, hydraulic modulator, ABS control module
6-6	Solenoid valve, LH rear inlet - short circuit to another solenoid valve	Wiring, hydraulic modulator, ABS control module
6-7	Solenoid valve, LH rear outlet - short circuit to another solenoid valve	Wiring, hydraulic modulator, ABS control module
6-8	Isolation solenoid valve, inlet - short circuit to another solenoid valve	Wiring, hydraulic modulator, ABS control module
6-9	Isolation solenoid valve, outlet - short circuit to another solenoid valve	Wiring, hydraulic modulator, ABS control module
6-12	Wheel speed sensor, RH front - signal malfunction	Wheel speed sensor, wheel speed sensor air gap, sensor rotor
6-13	Wheel speed sensor, LH rear - signal malfunction	Wheel speed sensor, wheel speed sensor air gap, sensor rotor
6-14	Wheel speed sensor, LH front - signal malfunction	Wheel speed sensor, wheel speed sensor air gap, sensor rotor
6-15	Wheel speed sensor, RH rear - signal malfunction	Wheel speed sensor, wheel speed sensor air gap, sensor rotor