

DIAGNOSTIC TROUBLE CODE CHART

HINT:

If a malfunction code is displayed during the DTC check, check the circuit indicated by the DTC. For details of each code, turn to the page for the respective "DTC No." in the DTC chart.

DTC chart of ABS:

DTC No. (See Page)	Detection Item	Trouble Area
C0200/31*1 (05-412)	Right front wheel speed sensor signal malfunction	<ul style="list-style-type: none"> • Right front speed sensor • Speed sensor circuit • Sensor rotor • Sensor installation
C0205/32*1 (05-412)	Left front wheel speed sensor signal malfunction	<ul style="list-style-type: none"> • Left front speed sensor • Speed sensor circuit • Sensor rotor • Sensor installation
C0210/33*1 (05-420)	Right rear wheel speed sensor signal malfunction	<ul style="list-style-type: none"> • Right rear speed sensor • Speed sensor circuit • Sensor rotor • Sensor installation
C0215/34*1 (05-420)	Left rear wheel speed sensor signal malfunction	<ul style="list-style-type: none"> • Left rear speed sensor • Speed sensor circuit • Sensor rotor • Sensor installation
C0226/21 (05-426)	Open or short circuit in brake actuator solenoid circuit (SFR circuit)	<ul style="list-style-type: none"> • ABS & TRC actuator • SFRH or SFRR circuit
C0236/22 (05-426)	Open or short circuit in brake actuator solenoid circuit (SFL circuit)	<ul style="list-style-type: none"> • ABS & TRC actuator • SFLH or SFLR circuit
C0246/23 (05-426)	Open or short circuit in brake actuator solenoid circuit (SRR circuit)	<ul style="list-style-type: none"> • ABS & TRC actuator • SRRH or SRRR circuit
C0256/24 (05-426)	Open or short circuit in brake actuator solenoid circuit (SRL circuit)	<ul style="list-style-type: none"> • ABS & TRC actuator • SRLH or SRLR circuit
C0273/13*1 (05-429)	Open circuit in ABS MTR relay circuit	<ul style="list-style-type: none"> • ABS 2 fuse • ABS MTR relay • ABS MTR relay circuit • Engine room No.3 R/B • ABS cut relay • ABS cut relay circuit
C0274/14 (05-429)	Short circuit in ABS MTR relay circuit	<ul style="list-style-type: none"> • ABS 2 fuse • ABS MTR relay • ABS MTR relay circuit • Engine room No.3 R/B • ABS cut relay • ABS cut relay circuit
C0278/11 (05-435)	Open circuit in ABS SOL relay circuit	<ul style="list-style-type: none"> • ABS 1 fuse • ABS SOL relay • ABS SOL relay circuit • ABS & TRC actuator
C0279/12 (05-435)	Short circuit in ABS SOL relay circuit	<ul style="list-style-type: none"> • ABS 1 fuse • ABS SOL relay • ABS SOL relay circuit • ABS & TRC actuator
C1225/25 (05-426)	Open or short circuit in brake actuator solenoid circuit (SM circuit)	<ul style="list-style-type: none"> • SM1 or SM2 circuit • ABS & TRC actuator

C1235/35 (05-452)	Foreign matter is attached on the tip of the right front sensor	<ul style="list-style-type: none"> • Right front speed sensor • Sensor rotor • Sensor installation
C1236/36 (05-452)	Foreign matter is attached on the tip of the left front sensor	<ul style="list-style-type: none"> • Left front speed sensor • Sensor rotor • Sensor installation
C1238/38 (05-452)	Foreign matter is attached on the tip of the right rear sensor	<ul style="list-style-type: none"> • Right rear speed sensor • Sensor rotor • Sensor installation
C1239/39 (05-452)	Foreign matter is attached on the tip of the left rear sensor	<ul style="list-style-type: none"> • Left rear speed sensor • Sensor rotor • Sensor installation
C1241/41 (05-455)	Low battery positive voltage	<ul style="list-style-type: none"> • Battery • Charging system • Power source circuit
C1243/43*1 (05-448)	Malfunction in deceleration sensor (constant output)	<ul style="list-style-type: none"> • Yaw rate (Deceleration sensor) sensor • Yaw rate sensor (Deceleration sensor) circuit
C1244/44 (05-448)	Malfunction in deceleration sensor	<ul style="list-style-type: none"> • Yaw rate (Deceleration sensor) sensor • Yaw rate sensor (Deceleration sensor) circuit
C1245/45*1 (05-448)	Malfunction in deceleration sensor	<ul style="list-style-type: none"> • Yaw rate (Deceleration sensor) sensor • Yaw rate sensor (Deceleration sensor) circuit
C1246/46*2 (05-458)	Malfunction in master cylinder pressure sensor	<ul style="list-style-type: none"> • Master cylinder pressure sensor • Master cylinder pressure sensor circuit • Stop lamp circuit
C1249/49 (05-460)	Open circuit in stop light switch circuit	<ul style="list-style-type: none"> • Stop lamp bulb • Stop lamp switch circuit
C1251/51*1 (05-470)	ABS pump motor is locked Open circuit in pump motor circuit	<ul style="list-style-type: none"> • ABS & TRC actuator
C1267/67 (05-472)	Malfunction in brake pedal load sensing switch	<ul style="list-style-type: none"> • Brake pedal load sensing switch • Brake pedal load sensing switch circuit
C1361/91 (05-429)	Short circuit in ABS motor fail safe relay circuit	<ul style="list-style-type: none"> • ABS fuse • ABS MTR relay • ABS MTR relay circuit • Engine room No.3 R/B • ABS cut relay • ABS cut relay circuit
C1381/97 (05-448)	Malfunction in power supply voltage yaw/deceleration sensor	<ul style="list-style-type: none"> • Yaw rate sensor (Deceleration sensor) • Yaw rate (Deceleration sensor) – sensor power source circuit
U0073/94 (05-3331)	Malfunction in CAN communication	<ul style="list-style-type: none"> • Wire harness • Skid control ECU
U0124/95 (05-3331)	Malfunction in CAN communication with deceleration sensor	<ul style="list-style-type: none"> • Wire harness • Yaw rate sensor (Deceleration sensor)

*1, *2:

Even after the troubled areas are repaired, ABS warning light will not go off unless the following operations are performed.

- *1:
 - (1) Drive the vehicle at 20 km/h (12 mph) for 30 seconds or more and check that the ABS warning light goes off.
 - (2) Clear the DTC (see page 05-400).
- *2:
 - (1) Keep the vehicle in the stationary condition for 5 seconds or more and depress the brake pedal lightly 2 or 3 times.

- (2) Drive the vehicle at the vehicle speed of 50 km/h (31 mph) and keep depressing the brake pedal strongly for approximately 3 seconds.
- (3) Repeat the above operation 3 times or more and check that the ABS warning light goes off.
- (4) Clear the DTC (see page 05-400).

HINT:

In some cases, the intelligent tester II cannot be used when ABS warning light remains on.

DTC chart of VSC:

DTC No. (See Page)	Detection Item	Trouble Area
C1201/51 (05-439)	Malfunction in ECM	Engine control system
C1203/53 (05-440)	Malfunction in ECM communication circuit	• ECM
C1210/36 (05-441)	Zero point calibration of yaw rate sensor undone	• Yaw rate sensor (Deceleration sensor) • Zero point calibration not done
C1223/43 (05-443)	Malfunction in ABS control system	ABS control system
C1231/31 (05-444)	Malfunction in steering angle sensor	• Steering angle sensor • Steering angle sensor power supply • Steering angle sensor circuit • CAN communication system
C1232/32 (05-448)	Malfunction in deceleration sensor	• Yaw rate sensor (Deceleration sensor) • Yaw rate sensor (Deceleration sensor) circuit
C1234/34 (05-448)	Malfunction in yaw rate sensor	• Yaw rate sensor (Deceleration sensor) • Yaw rate sensor (Deceleration sensor) circuit
C1336/39 (05-441)	Zero point calibration of deceleration sensor undone	• Yaw rate sensor (Deceleration sensor) • Zero point calibration not done
U0100/65 (05-3331)	Malfunction in CAN communication with ECU	• Wire harness • Skid control ECU
U0123/62 (05-3331)	Malfunction in CAN communication with yaw rate sensor	• Wire harness • Yaw rate sensor (Deceleration sensor)
U0126/63 (05-3331)	Malfunction in CAN communication with angle position sensor	• Wire harness • Skid control ECU

HINT:

In some cases, the intelligent tester II cannot be used when VSC warning light is always on.