

DIAGNOSTIC TROUBLE CODE CHART

NOTICE:

- When removing the part, turn the ignition switch OFF.
- When replacing the steering angle sensor or ECU, make sure to perform steering angle sensor zero point calibration.

HINT:

- Using SST 09843-18020 or 09843-18040, connect the terminals Tc and E₁ of DLC1 or Tc and CG of DLC3.
- If any abnormality is not found when inspecting parts, inspect the ECU.
- If a malfunction code is displayed during the DTC check, check the circuit corresponding the code. For details of each code, refer to the page under respective "DTC No." in the DTC chart.

DTC chart of ABS system:

DTC No. (See Page)	Detection Item	Trouble Area
C0200 / 31* (DI-275)	Right front wheel speed sensor signal malfunction	• Right front, left front, right rear and left rear speed sensor • Each speed sensor circuit • Speed sensor rotor • Sensor installation
C0205 / 32* (DI-275)	Left front wheel speed sensor signal malfunction	
C0210 / 33* (DI-275)	Right rear wheel speed sensor signal malfunction	
C0215 / 34* (DI-275)	Left rear wheel speed sensor signal malfunction	
C0226 / 21 (DI-282)	Open or short circuit in ABS & VSC actuator solenoid circuit (SFR circuit)	• ABS & VSC actuator • SFR or SFRH circuit
C0236 / 22 (DI-282)	Open or short circuit in ABS & VSC actuator solenoid circuit (SFL circuit)	• ABS & VSC actuator • SFL or SFLH circuit
C0246 / 23 (DI-282)	Open or short circuit in ABS & VSC actuator solenoid circuit (SRR circuit)	• ABS & VSC actuator • SRR or SRRH circuit
C0256 / 24 (DI-282)	Open or short circuit in ABS & VSC actuator solenoid circuit (SRL circuit)	• ABS & VSC actuator • SRL or SRLH circuit
C0273 / 13 (DI-285)	Open or short circuit in ABS MTR relay circuit	• Battery • ABS MTR relay • ABS MTR relay circuit
C0278 / 11 (DI-289)	Open or short circuit in ABS SOL relay circuit	• Battery • ABS SOL relay • ABS SOL relay circuit
C1237 / 37 (DI-306)	Front tires are different from rear in size.	• Tire size • Speed sensor rotor
C1241 / 41 (DI-308)	Low battery positive voltage or abnormally high battery positive voltage	• Battery • Charging system • Power source circuit
C1249 / 58 (DI-314)	Open circuit in stop light switch circuit	• Stop light switch • Stop light switch circuit • Stop light bulb
C1300 / 62 (DI-316)	Malfunction in skid control ECU	Skid control ECU
C1330 / 35* (DI-275)	Open circuit in right front speed sensor circuit	• Right front speed sensor • Right front speed sensor circuit
C1331 / 36* (DI-275)	Open circuit in left front speed sensor circuit	• Left front speed sensor • Left front speed sensor circuit

C1332 / 38* (DI-275)	Open circuit in right rear speed sensor circuit	• Right rear speed sensor • Right rear speed sensor circuit
C1333 / 39* (DI-275)	Open circuit in left rear speed sensor circuit	• Left rear speed sensor • Left rear speed sensor circuit
Always ON (DI-327)	Malfunction in skid control ECU Open circuit in ABS warning light circuit	• Battery • Charging system • ABS warning light circuit • Power source circuit

*: As the DTC cannot be erased only by replacing parts, do either of the following operations.

- (1) Clear DTC (See page DI-259).
- (2) At a vehicle speed of 20 km/h (12 mph), drive the vehicle for 30 sec. or more.

DTC chart of VSC system:

DTC No. (See Page)	Detection Item	Trouble Area
C0365 / 43 (DI-294)	Malfunction in deceleration sensor (combined in yaw rate sensor)	• Deceleration sensor • Deceleration sensor circuit • Steering angle sensor
C0371 / 55 (DI-297)	Malfunction in yaw rate sensor circuit	• Yaw rate sensor • Yaw rate sensor circuit • Steering angle sensor
C1202 / 44 (DI-300)	Brake fluid level low Open circuit in brake fluid level warning switch circuit	• Brake fluid level • Brake fluid level warning switch • Brake fluid level warning switch circuit
C1208 / 54 (DI-302)	Malfunction in steering angle sensor	• Steering angle sensor • Steering angle sensor circuit • Translate ECU
C1225 / 25 (DI-282)	Open or short circuit in ABS & VSC actuator solenoid circuit (SMC1 circuit)	• ABS & VSC actuator • SMC1 circuit
C1226 / 26 (DI-282)	Open or short circuit in ABS & VSC actuator solenoid circuit (SMC2 circuit)	• ABS & VSC actuator • SMC2 circuit
C1227 / 27 (DI-282)	Open or short circuit in ABS & VSC actuator solenoid circuit (SRC1 circuit)	• ABS & VSC actuator • SRC1 circuit
C1228 / 28 (DI-282)	Open or short circuit in ABS & VSC actuator solenoid circuit (SRC2 circuit)	• ABS & VSC actuator • SRC2 circuit
C1246 / 53 (DI-311)	Malfunction in master cylinder pressure sensor	• Master cylinder pressure sensor • Master cylinder pressure sensor circuit • Stop light switch circuit
C1301 / 42*	Malfunction in communication with the translate ECU	• Brake fluid level • Brake fluid level warning switch circuit • Translate ECU • Translate ECU circuit • ECM • ECM circuit • Steering angle sensor
C1350 / 51 (DI-317)	Pump motor is locked Open circuit in pump motor ground	• ABS & VSC actuator pump motor • ABS & VSC actuator pump motor circuit
Always ON (DI-331)	Malfunction in skid control ECU Open circuit in VSC warning light circuit	• Charging system • VSC warning light circuit

*: Troubleshoot according to the DTC chart of the translate ECU.

DTC chart of translate ECU:

DTC No. (See Page)	Detection Item	Trouble Area
Normal code (DI-325)	Malfunction in ECM control system	• ECM circuit • ECM • Brake fluid level • Brake fluid level warning switch circuit • Steering angle sensor
42 (DI-319)	Malfunction in communication with the skid control ECU	• VSC+ or VSC- circuit • Translate ECU • Skid control ECU
44 (DI-321)	Open or short circuit in NEO circuit	• NEO circuit • ECM • Translate ECU
53 (DI-323)	Malfunction in communication with the ECM	• TRC+ or TRC- circuit • ENG+ or ENG- circuit • ECM • Translate ECU
Non code (DI-326)	Malfunction in translate ECU	• Translate ECU • BRAKE warning light circuit • Tc terminal circuit

HINT:

The BRAKE warning light does not turn on due to an error in VSC.

If it is on, check that the parking brake pedal is released, the brake fluid level is normal and no malfunction is identified in the fluid level warning switch system.