050XB–04

DIAGNOSTIC TROUBLE CODE CHART

NOTICE:

When removing the part, turn the ignition switch to OFF.

HINT:

- Using SST 09843–18040, connect the terminals Tc and CG of the 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 listed for that code. For details of each code, turn to the page referred to under the ”See page” for respective ”DTC No.” in the DTC chart.
- EBD shall be checked according to the ABS trouble code chart.

DTC chart of ABS:

DTC No. (See Page)	Detection Item	Trouble Area
C0200 / 31*1 (05–464)	Right front wheel speed sensor signal malfunction	• Right front, left front, right rear and left rear speed sensor • Each speed sensor circuit • Sensor installation • Sensor rotor
C0205 / 32*1 (05–464)	Left front wheel speed sensor signal malfunction	
C0210 / 33*1 (05–469)	Right rear wheel speed sensor signal malfunction	
C0215 / 34*1 (05–469)	Left rear wheel speed sensor signal malfunction	
C0226 / 21 (05–473)	Open or short circuit of brake actuator solenoid circuit (SFR circuit)	• Brake actuator • SFRR or SFRH circuit
C0236 / 22 (05–473)	Open or short circuit of brake actuator solenoid circuit (SFL circuit)	• Brake actuator • SFLR or SFLH circuit
C0246 / 23 (05–473)	Open or short circuit of brake actuator solenoid circuit (SRR circuit)	• Brake actuator • SRRR or SRRH circuit
C0256 / 24 (05–473)	Open or short circuit of brake actuator solenoid circuit (SRL circuit)	• Brake actuator • SRLR or SRLH circuit
C0273 / 13*1 (05–477)	Open circuit of ABS motor relay circuit	• ABS motor relay • ABS motor relay circuit
C0274 / 14 (05–477)	B+ short circuit of ABS motor relay circuit	
C0278 / 11 (05–480)	Open circuit of ABS solenoid relay circuit	• ABS solenoid relay • ABS solenoid relay circuit
C0279 / 12 (05–480)	B+ short circuit of ABS solenoid relay circuit	
C1225 / 25 (05–473)	Open or short circuit in brake actuator solenoid circuit (SM circuit)	• Brake actuator • SM1 or SM2 circuit
C1226 / 26 (05–473)	Open or short circuit in brake actuator solenoid circuit (SRM circuit)	• Brake actuator • SRM1 or SRM2 circuit
C1235 / 35 (05–464)	Foreign matter is attached on the tip of the right front sensor	• Right front, left front, right rear, left rear speed sensor • Speed sensor rotor
C1236 / 36 (05–464)	Foreign matter is attached on the tip of the left front sensor	
C1238 / 38 (05–469)	Foreign matter is attached on the tip of the right rear sensor	
C1239 / 39 (05–469)	Foreign matter is attached on the tip of the left rear sensor	

C1241 / 41 (05–485)	Low battery positive voltage or abnormally high battery positive voltage	• Battery • Charging system • Power source circuit
C1246 / 46*2 (05–488)	Malfunction in master cylinder pressure sensor	• Master cylinder pressure sensor • Master cylinder pressure sensor circuit
C1249 / 49 (05–491)	Open circuit of stop light switch circuit	Stop light switch circuit
C1251 / 51*1 (05–493)	Pump motor is locked Open circuit of pump motor circuit	ABS pump motor
Always ON (05–495)	Malfunction in skid control ECU	• Battery • Charging system • Power source circuit • Skid control ECU

- *1: These DTC will not affect to cancel the ABS warning light by repairing the trouble area, so perform the following operations.
  (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 01–31).
- *2: These DTC will not affect to cancel the ABS warning light by repairing the trouble area, so perform the following operations.
  (1) Keep the vehicle in the stationary condition for 5 seconds or more and depress the brake pedal lightly 2 or 3 times.
  (2) Driving the vehicle at the speed 50 km/h (31 mph) and keep depressing the brake pedal strongly for about 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 01–31).

HINT:

There is a case that hand–held tester cannot be used when ABS warning light is always on.

DTC of sensor check function:

Code No.	Diagnosis	Trouble Area
C1271/71	Low output voltage of right front speed sensor	• Right front speed sensor • Sensor installation • Sensor rotor
C1272/72	Low output voltage of left front speed sensor	• Left front speed sensor • Sensor installation • Sensor rotor
C1273/73	Low output voltage of right rear speed sensor	• Right rear speed sensor • Sensor installation • Sensor rotor
C1274/74	Low output voltage of left rear speed sensor	• Left rear speed sensor • Sensor installation • Sensor rotor
C1275/75	Abnormal change in output voltage of right front speed sensor	Right front speed sensor rotor
C1276/76	Abnormal change in output voltage of left front speed sensor	Left front speed sensor rotor
C1277/77	Abnormal change in output voltage of right rear speed sensor	Right rear speed sensor rotor
C1278/78	Abnormal change in output voltage of left rear speed sensor	Left rear speed sensor rotor
C1281/81	Master cylinder pressure sensor output signal is faulty	Master cylinder pressure sensor