050XB–18

DIAGNOSTIC TROUBLE CODE CHART

HINT:

- 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.

DTC No. (See Page)	Detection Item	Trouble Area
C0278/11 (05–198)	Open circuit in ABS solenoid relay circuit	• ABS No.1 Fuse • ABS solenoid relay • ABS solenoid relay circuit
C0279/12 (05–198)	Short circuit in ABS solenoid relay circuit	
C0273/13*1 (05–195)	Open circuit in ABS motor relay circuit	• ABS No.2 Fuse • ABS motor relay • ABS motor relay circuit
C0274/14 (05–198)	Short circuit in ABS motor relay circuit	
C0226/21 (05–191)	Open or short circuit in ABS actuator solenoid (SFR) circuit	• Brake actuator • SFRR or SFRH circuit
C0236/22 (05–191)	Open or short circuit in ABS actuator solenoid (SFL) circuit	• Brake actuator • SFLR or SFLH circuit
C0246/23 (05–191)	Open or short circuit in ABS actuator solenoid (SRR) circuit	• Brake actuator • SRRR or SRRH circuit
C0256/24 (05–191)	Open or short circuit in ABS actuator solenoid (SRL) circuit	• Brake actuator • SRLR or SRLH circuit
C1225/25 (05–191)	Open or short circuit in ABS actuator solenoid (SBAR) circuit	• Brake actuator • SBAR circuit
C1226/26 (05–191)	Open or short circuit in ABS actuator solenoid (SBAL) circuit	• Brake actuator • SBAL circuit
C0200/31*1 (05–181)	Right front wheel speed sensor signal malfunction	• Right front speed sensor • Right front speed sensor circuit • Right front speed sensor installation • Right front speed sensor rotor
C0205/32*1 (05–181)	Left front wheel speed sensor signal malfunction	• Left front speed sensor • Left front speed sensor circuit • Left front speed sensor installation • Left front speed sensor rotor
C0210/33*1 (05–186)	Right rear wheel speed sensor signal malfunction	• Right rear speed sensor • Right rear speed sensor circuit • Right rear speed sensor installation • Right rear speed sensor rotor
C0215/34*1 (05–186)	Left rear wheel speed sensor signal malfunction	• Left rear speed sensor • Left rear speed sensor circuit • Left rear speed sensor installation • Left rear speed sensor rotor
C1235/35 (05–181)	Foreign matter is attached on the tip of right front sensor	• Right front speed sensor • Right front speed sensor circuit • Right front speed sensor installation • Right front speed sensor rotor
C1236/36 (05–186)	Foreign matter is attached on the tip of left front sensor	• Left front speed sensor • Left front speed sensor circuit • Left front speed sensor installation • Left front speed sensor rotor
C1238/38 (05–186)	Foreign matter is attached on the tip of right rear sensor	• Right rear speed sensor • Right rear speed sensor circuit • Right rear speed sensor installation • Right rear speed sensor rotor

C1239/39 (05–186)	Foreign matter is attached on the tip of left rear sensor	• Left rear speed sensor • Left rear speed sensor circuit • Left rear speed sensor installation • Left rear speed sensor rotor
C1241/41 (05–203)	Low battery voltage	• Battery • Charging system • Power source circuit
C1246/46*2 (05–208)	Malfunction in master cylinder pressure sensor	• Master cylinder pressure sensor • Master cylinder pressure sensor circuit
C1249/49 (05–211)	Open circuit in stop light switch circuit	• Stop light switch • Stop light switch circuit
C1251/51*1 (05–213)	Pump motor is locked Open circuit in pump motor circuit	• ABS pump motor
C1267/67 (05–215)	Open or short circuit of brake pedal load sensing switch circuit	• Brake pedal load sensing switch • Brake pedal load sensing switch circuit
Always ON (05–218)	Malfunction in ABS ECU	• Battery • Charging system • Power source circuit • Skid Control ECU

*1, *2:

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

- *1:
  (1) Drive the vehicle at 12 mph (20 km/h) for 30 seconds or more and check that the ABS warning light goes off.
  (2) Clear the DTC (see page 05–166).
- *2:
  (1) Keep the vehicle in a stationary condition for 5 seconds or more and depress the brake pedal lightly 2 or 3 times.
  (2) Drive the vehicle at a vehicle speed of 31 mph (50 km/h). Then depress 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 05–166).

HINT:

- In some cases, the hand–held tester cannot be used when ABS warning light remains on.

DTC of speed 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