

DIAGNOSTIC TROUBLE CODE CHART

NOTICE:

Before replacing or removing the part, turn the ignition switch OFF.

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 each inspection part, inspect 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
11 (DI-227)	Open circuit in ABS solenoid valve relay circuit	• ABS solenoid valve relay • Valve supply voltage
12 (DI-227)	Short circuit in ABS solenoid valve relay circuit	
13 (DI-229)	Open circuit in ABS motor relay circuit	• ABS motor relay • Pump motor voltage • Pump motor lead disconnected
14 (DI-229)	Short circuit in ABS motor relay circuit	
21 (DI-231)	Right front solenoid valve faulty	• Right front circuit • ABS actuator
22 (DI-231)	Left front solenoid valve faulty	• Left front circuit • ABS actuator
23 (DI-231)	Right rear solenoid valve faulty	• Right rear circuit • ABS actuator
24 (DI-231)	Left rear solenoid valve faulty	• Left rear circuit • ABS actuator
31* (DI-233)	Right front wheel speed sensor signal malfunction	• Right front, left front speed sensor • Right rear, left rear axle hub • Each speed sensor circuit • Sensor installation • Sensor rotor
32* (DI-233)	Left front wheel speed sensor signal malfunction	
33* (DI-233)	Right rear wheel speed sensor signal malfunction	
34* (DI-233)	Left rear wheel speed sensor signal malfunction	
41 (DI-239)	Low battery positive voltage or abnormally high battery positive voltage	• Battery • Charging system • Power source circuit
49 (DI-243)	Open circuit in stop light switch circuit	• Stop light switch • Stop light switch circuit
51* (DI-245)	Pump motor is locked	ABS pump motor
Always ON (DI-247)	Malfunction in ECU IG power source circuit	• Battery • Charging system • Power source circuit • ABS warning light circuit • Skid control ECU

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

- (1) Clear the DTC (See page DI-220).
- (2) At the vehicle speed of 20 km/h (12 mph), drive the vehicle for 30 sec. or more.