

DIAGNOSTIC TROUBLE CODE CHART

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 the respective "DTC No." in the DTC chart.

HINT:

- Using SST 09843–18020, connect the terminals Tc and E1, and remove the short pin.
- If any abnormality is not found when inspect each inspection parts, inspect the ECU.

DTC No. (See Page)	Detection Item	Trouble Area
11 (DI-453)	Open circuit in ABS solenoid relay circuit	<ul style="list-style-type: none"> • ABS solenoid relay • Open or short in ABS solenoid relay circuit
12 (DI-453)	Short circuit in ABS solenoid relay circuit	<ul style="list-style-type: none"> • ABS solenoid relay • B+ short in ABS solenoid relay circuit
13*2 (DI-460)	Open circuit in ABS motor relay circuit	<ul style="list-style-type: none"> • ABS motor relay • Open or short in ABS motor relay circuit
14 (DI-460)	Short circuit in ABS motor relay circuit	<ul style="list-style-type: none"> • ABS motor relay • B+ short in ABS motor relay circuit
21 (DI-466)	Open or short circuit in 2–position solenoid circuit for right front wheel	<ul style="list-style-type: none"> • ABS actuator • Open or short in SFRH or SFRR circuit
22 (DI-466)	Open or short circuit in 2–position solenoid circuit for left front wheel	<ul style="list-style-type: none"> • ABS actuator • Open or short in SFLH or SFLR circuit
23 (DI-466)	Open or short circuit in 2–position solenoid circuit for right rear wheel	<ul style="list-style-type: none"> • ABS actuator • Open or short in SRH (SRRH) or SRR (SRRR) circuit
24*1 (DI-466)	Open or short circuit in 2–position solenoid circuit for left rear wheel	<ul style="list-style-type: none"> • ABS actuator • Open or short in SRLH or SRLR circuit
31*2 (DI-469)	Right front wheel speed sensor signal malfunction	<ul style="list-style-type: none"> • Right front, left front, right rear and left rear speed sensor • Open or short in each speed sensor circuit • Speed sensor rotor
32*2 (DI-469)	Left front wheel speed sensor signal malfunction	
33*2 (DI-469)	Right rear wheel speed sensor signal malfunction	
34*2 (DI-469)	Left rear wheel speed sensor signal malfunction	
41 (DI-475)	Low battery positive voltage	<ul style="list-style-type: none"> • Battery • IC regulator • Open or short in power source circuit
43*1 (DI-479)	Malfunction in deceleration sensor (constant output)	<ul style="list-style-type: none"> • Deceleration sensor • Wire harness for deceleration sensor system
44*1 (DI-480)	Open or short in deceleration sensor circuit	<ul style="list-style-type: none"> • Deceleration sensor • Open or short in deceleration sensor circuit
45*1 (DI-479)	Malfunction in deceleration sensor	<ul style="list-style-type: none"> • Deceleration sensor • Wire harness for deceleration sensor system
49 (DI-482)	Open circuit in stop light switch circuit	<ul style="list-style-type: none"> • Open in stop light circuit
51*2 (DI-484)	Pump motor is locked Open in pump motor ground	<ul style="list-style-type: none"> • ABS pump motor
Always ON (DI-485)	Malfunction in ECU IG power source circuit	<ul style="list-style-type: none"> • Battery • IC regulator • Open or short in power source circuit

*1: Short ABS (2JZ–GTE Engine) only

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

- Clear DTC (See page [DI-442](#)).
- At the vehicle speed of 20 km/h (12 mph), drive the vehicle for 30 sec. or more.