

DIAGNOSTIC TROUBLE CODE CHART

HINT:

- Using SST 09843-18040, connect the terminals 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 listed for the 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 chart of anti-lock brake system:

DTC No. (See Page)	Detection Item	Trouble Area
C0278/11 (DI-275)	Open circuit of ABS solenoid relay circuit	<ul style="list-style-type: none"> • ABS solenoid relay • ABS solenoid relay circuit
C0279/12 (DI-275)	Short circuit of ABS solenoid relay circuit	
C0273/13 *1 (DI-271)	Open circuit of ABS motor relay circuit	<ul style="list-style-type: none"> • ABS motor relay • ABS motor relay circuit
C0274/14 (DI-271)	Short circuit of ABS motor relay circuit	
C0226/21 (DI-269)	Open or short circuit of right front solenoid circuit	<ul style="list-style-type: none"> • Brake actuator • SFRR or SFRH circuit
C0236/22 (DI-269)	Open or short circuit of left front solenoid circuit	<ul style="list-style-type: none"> • Brake actuator • SFLR or SFLH circuit
C0246/23 (DI-269)	Open or short circuit of right rear solenoid circuit	<ul style="list-style-type: none"> • Brake actuator • SRRR or SRRH circuit
C0256/24 (DI-269)	Open or short circuit of left rear solenoid circuit	<ul style="list-style-type: none"> • Brake actuator • SRLR or SRLH circuit
C1225/25 (DI-287)	Open or short circuit of SM circuit	<ul style="list-style-type: none"> • Brake actuator • SM1 or SM2 circuit
C1226/26 (DI-287)	Open or short circuit of SRM circuit	<ul style="list-style-type: none"> • Brake actuator • SRM1 or SRM2 circuit
C1227/27 (DI-287)	Open or short circuit of SRC circuit	<ul style="list-style-type: none"> • Brake actuator • SRC1 or SRC2 circuit
C0200/31 *1 (DI-263)	Right front wheel speed sensor signal malfunction	<ul style="list-style-type: none"> • Right front, left front, right rear, left rear speed sensor • Each speed sensor circuit • Speed sensor rotor
C0205/32 *1 (DI-263)	Left front wheel speed sensor signal malfunction	
C0210/33 *1 (DI-263)	Right rear wheel speed sensor signal malfunction	
C0215/34 *1 (DI-263)	Left rear wheel speed sensor signal malfunction	
C1235/35 (DI-263)	Foreign matter is attached on the tip of the right front sensor	<ul style="list-style-type: none"> • Right front, left front, right rear, left rear speed sensor • Speed sensor rotor
C1236/36 (DI-263)	Foreign matter is attached on the tip of the left front sensor	
C1238/38 (DI-263)	Foreign matter is attached on the tip of the right rear sensor	
C1239/39 (DI-263)	Foreign matter is attached on the tip of the left rear sensor	

DIAGNOSTICS - ABS WITH EBD & BA & TRC SYSTEM

C1241/41 (DI-289)	Low battery positive voltage	<ul style="list-style-type: none"> • Battery • Charging system • Power source circuit
C1246/46*2 (DI-293)	Malfunction in master cylinder pressure sensor	<ul style="list-style-type: none"> • Master cylinder pressure sensor • Master cylinder pressure sensor circuit
C1249/49 (DI-296)	Open circuit of stop light switch circuit	<ul style="list-style-type: none"> • Stop light switch • Stop light switch circuit
C1251/51*1 (DI-299)	Pump motor is locked	<ul style="list-style-type: none"> • Brake actuator • Brake actuator circuit
Always ON (DI-301)	Malfunction in ECU	<ul style="list-style-type: none"> • Combination meter • Combination meter circuit • Battery • Skid control ECU

*1, *2:

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

- *1:
 - (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 DI-251).
- *2:
 - (1) Keep the vehicle in the stationary condition for 5 seconds or more and depress the brake pedal lightly 2 or 3 times.
 - (2) Drive the vehicle at the vehicle 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 DI-251).

HINT:

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

DTC chart of traction control system:

C1223/43 (DI-284)	Malfunction in ABS control system	ABS control system
C1224/44 (DI-285)	Open or short circuit of NE signal circuit	<ul style="list-style-type: none"> • NEO circuit • Engine ECU
C1201/51 (DI-279)	Malfunction in engine control system	Engine control system
C1202/52 (DI-280)	Brake fluid level low Open circuit in brake fluid level warning switch circuit	<ul style="list-style-type: none"> • Brake fluid level • Brake fluid warning switch • Brake fluid level warning switch circuit
C1203/53 (DI-282)	Malfunction in engine ECU communication circuit	<ul style="list-style-type: none"> • TRC+ or TRC - circuit • ENG+ or ENG- circuit • Engine ECU