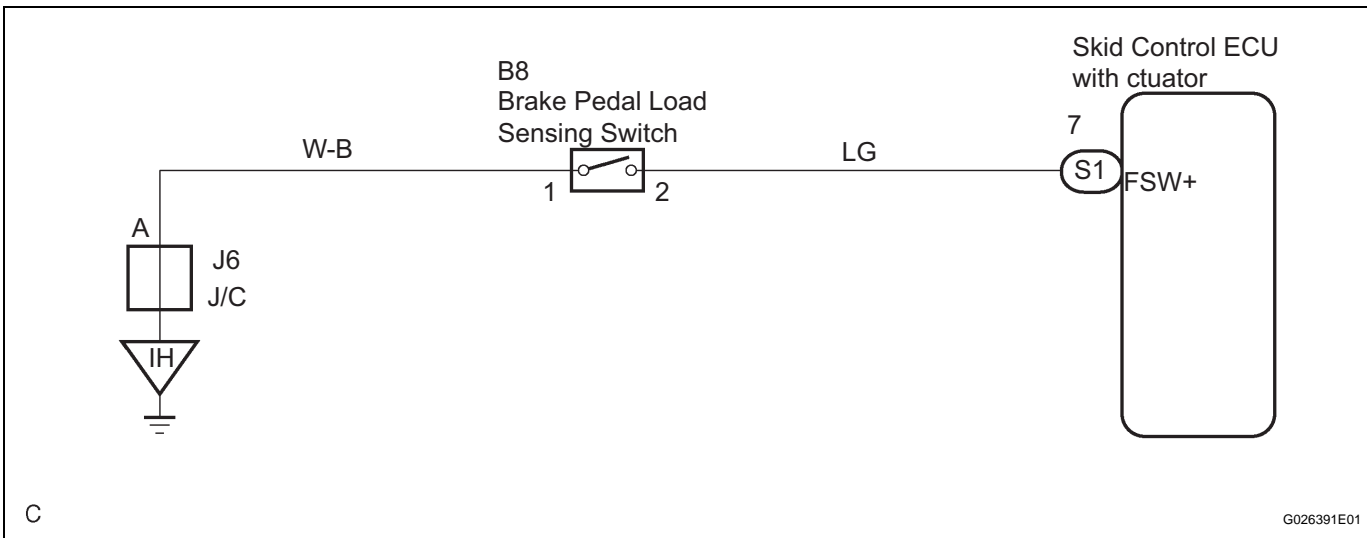


DTC	C1267/67	Brake Pedal Load Sensing Switch
------------	-----------------	--

DESCRIPTION

DTC No.	DTC Detection Condition	Trouble Area
C1267/67	<ul style="list-style-type: none"> Open or short circuit in brake pedal load sensing switch continues for 0.3 sec. or more. Immediately after IG1 is turned to the ON position, the condition that brake pedal load sensing switch is ON and stop light switch is off continues for 10 sec. or more. While vehicle speed changes from 0 km/h (0 mph) to 30 km/h (19 mph), the condition that the brake pedal load sensing switch is on repeatedly occurs 5 times. 	<ul style="list-style-type: none"> Brake pedal load sensing switch Brake pedal load sensing switch circuit

WIRING DIAGRAM



HINT:

Start the inspection from step 1 when using the intelligent tester and start from step 2 when not using the intelligent tester.

1	READ VALUE OF INTELLIGENT TESTER
----------	---

- (a) Connect the intelligent tester to the DLC3.
- (b) Start the engine.
- (c) Select the DATA LIST mode on the intelligent tester.
- (d) Read the value of the brake pedal load sensing switch displayed on the intelligent tester when depressing and releasing the brake pedal.

Item	Vehicle Condition / Test Details	Diagnostic Note
BRAKE WRN LIGHT	Brake load sensing switch / ON or OFF	ON : Depressed brake pedal OFF : Released brake pedal

OK

Condition	Display
Depress the brake pedal	ON
Release the brake pedal	OFF

NG **Go to step 3**

OK

2 RECONFIRM DTC OUTPUT

(a) Check if other DTCs are recorded. (See page [BC-21](#))

Result

Result	Proceed to
DTCs are output	A
DTCs are not output	B

B **Go to step 3**

A

REPAIR CIRCUITS INDICATED BY OUTPUT DTCS

3 INSPECT BRAKE PEDAL SUB-ASSEMBLY

NOTICE:
Do not disassemble the brake pedal sub-assembly.

HINT:

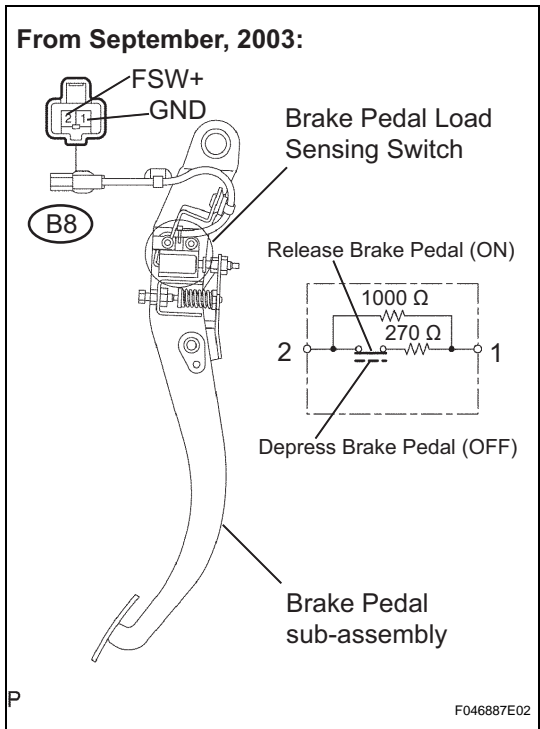
Replace the brake pedal sub-assembly when there is a malfunction in the brake pedal load sensing switch.

- (a) Disconnect the brake pedal load sensing switch connector B8.
- (b) Measure the resistance according to the value(s) in the table below.

Resistance

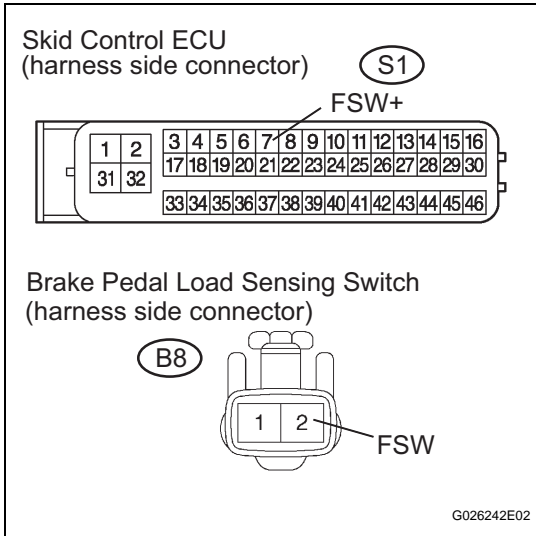
Tester Connection	Condition	Specified Condition
B8-2 (FSW+) - B8-1 (GND)	Depress brake pedal	Approx. 1000 Ω
	Release brake pedal	Approx. 213 Ω

NG **REPAIR OR REPLACE BRAKE PEDAL SUB-ASSEMBLY**



OK

4 CHECK HARNESS OR CONNECTOR (SKID CONTROL ECU - BRAKE PEDAL LOAD SENSING SWITCH)



- (a) Disconnect the skid control ECU connector S1 and the brake pedal load sensing switch connector B8.
- (b) Measure the resistance according to the value(s) in the table below.

Resistance

Tester Connection	Specified Condition
S1-7 (FSW+) - B8-2 (FSW)	Below 1 Ω

- (c) Measure the resistance according to the value(s) in the table below.

Resistance

Tester Connection	Specified Condition
S1-7 (FSW+) - Body ground	10 kΩ or higher

NG REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

REPLACE ABS AND TRACTION ACTUATOR