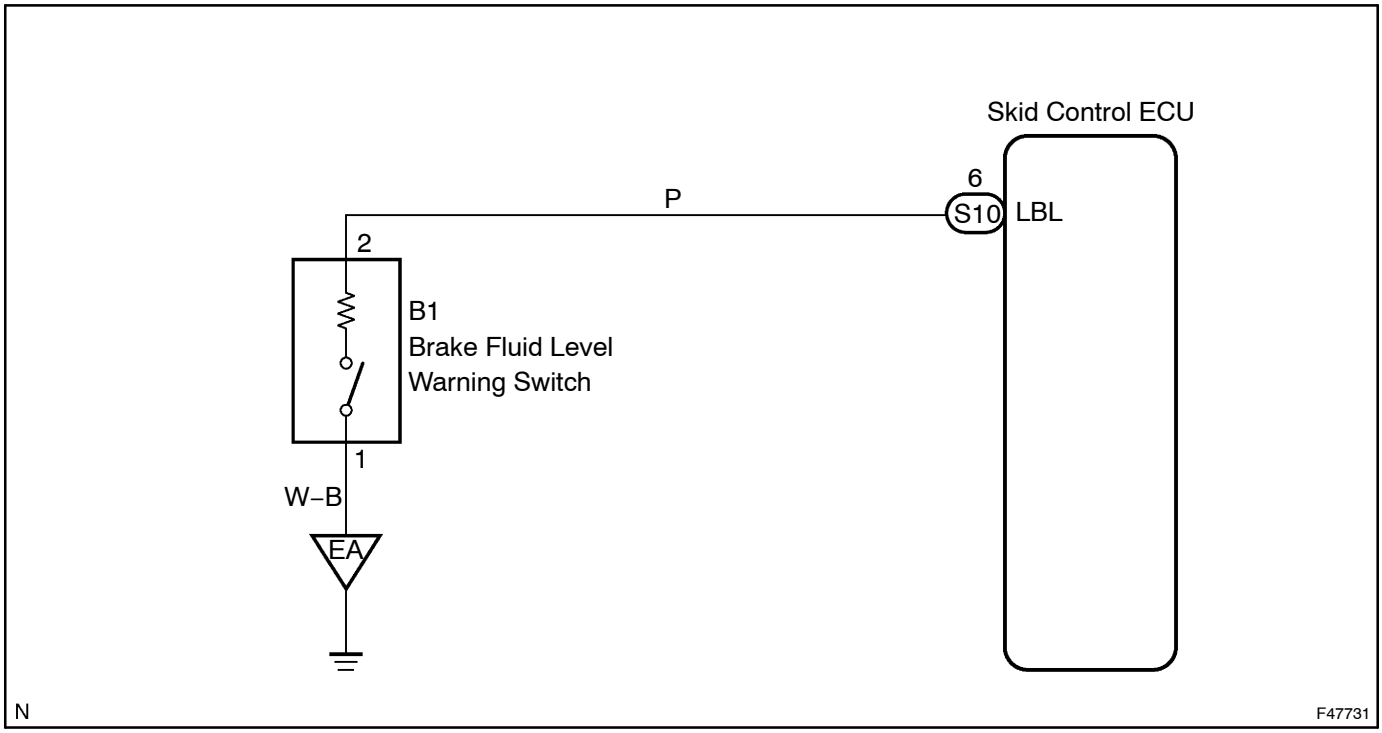
DTC C1202/68 BRAKE FLUID LEVEL LOW

CIRCUIT DESCRIPTION

When a fluid level drop in the master cylinder reservoir is detected, the signal is input to the skid control ECU. When the DTC for the fluid level drop is memorized, the warning is canceled if the fluid level returns to normal and the other DTCs are not input.

DTC No.	Detailed Code	DTC Detecting Condition	Trouble Area
C1202/68	511	• Pump motor operates for specified period when reservoir level drops • Brake operation signal is input when the reservoir level is abnormal and the power switch is on.	• Brake fluid level • Brake fluid level warning switch • Harness or connector • Skid control ECU
C1202/68	512	SW signal circuit is open for 2 sec. or more.	• Brake fluid level switch • Harness or connector • Skid control ECU



INSPECTION PROCEDURE

HINT:
When releasing the parking brake, set the chocks to hold the vehicle for safety.

1	CHECK BRAKE FLUID LEVEL IN RESERVOIR

(a) Check that the brake fluid level is sufficient.

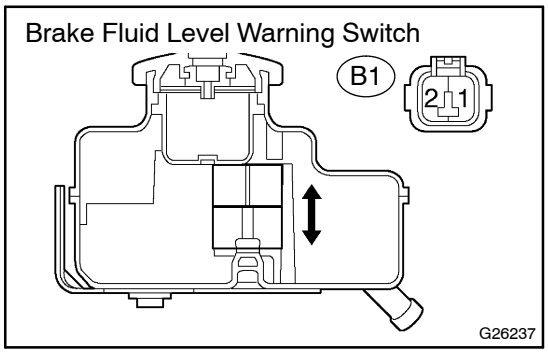
HINT:
- If the fluid level drops, check for a fluid leak, and repair if found.
- If no leaks exist, add and adjust fluid and then check that the trouble code is not output again.

OK:
Brake fluid level is proper.

NG → **ADD BRAKE FLUID**

OK

2	INSPECT BRAKE FLUID LEVEL WARNING SWITCH



(a) Remove the reservoir tank cap and strainer.
(b) Disconnect the brake fluid level warning switch connector.
(c) Measure the resistance according to the value(s) in the table below.

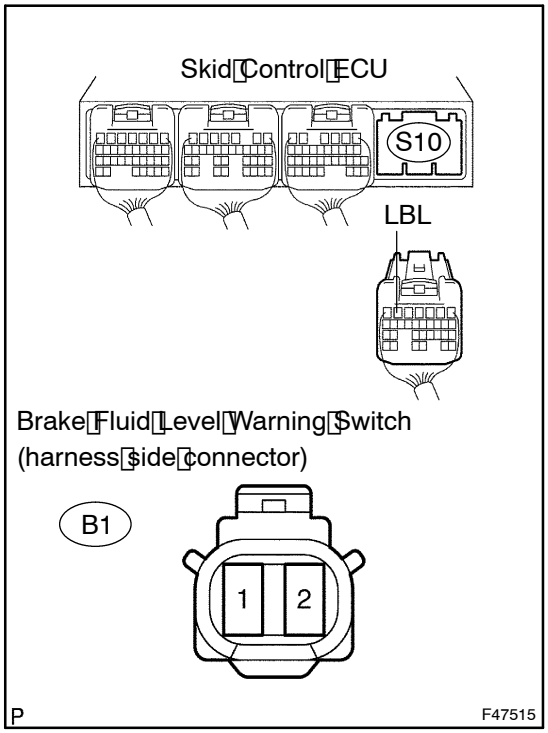
Standard:

Tester Connection	Fluid Level	Specified Condition
(B1–1) – (B1–2)	Proper	1.8 to 2.16 kΩ
(B1–1) – (B1–2)	Below min.: level	Below 1 Ω

NG → **REPLACE BRAKE MASTER CYLINDER RESERVOIR SUB–ASSY**

OK

3 CHECK HARNESS AND CONNECTOR



(a) Disconnect the skid control ECU connector and the brake fluid level warning switch connector.

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

Standard:

Tester Connection	Specified Condition
S10–6 (LBL) – (B1–2)	Below 1 Ω

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

Standard:

Tester Connection	Specified Condition
S10–6 (LBL) – Body ground	10 kΩ or higher

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

4 RECONFIRM DTC

(a) Clear the DTCs (see page 05–738).

(b) Turn the power switch ON (READY).

(c) Check the same DTCs are recorded (see page 05–738).

Result:

DTC is output	A
DTC is not output	B

B → **END**

HINT:
This DTC may be memorized due to a malfunction in the connector terminal connection, etc.

A

REPLACE SKID CONTROL ECU ASSY (SEE PAGE 32–81 or 32–82)

NOTICE:
When replacing the skid control ECU assy, perform initialization of linear solenoid valve and calibration (see page 05–721).