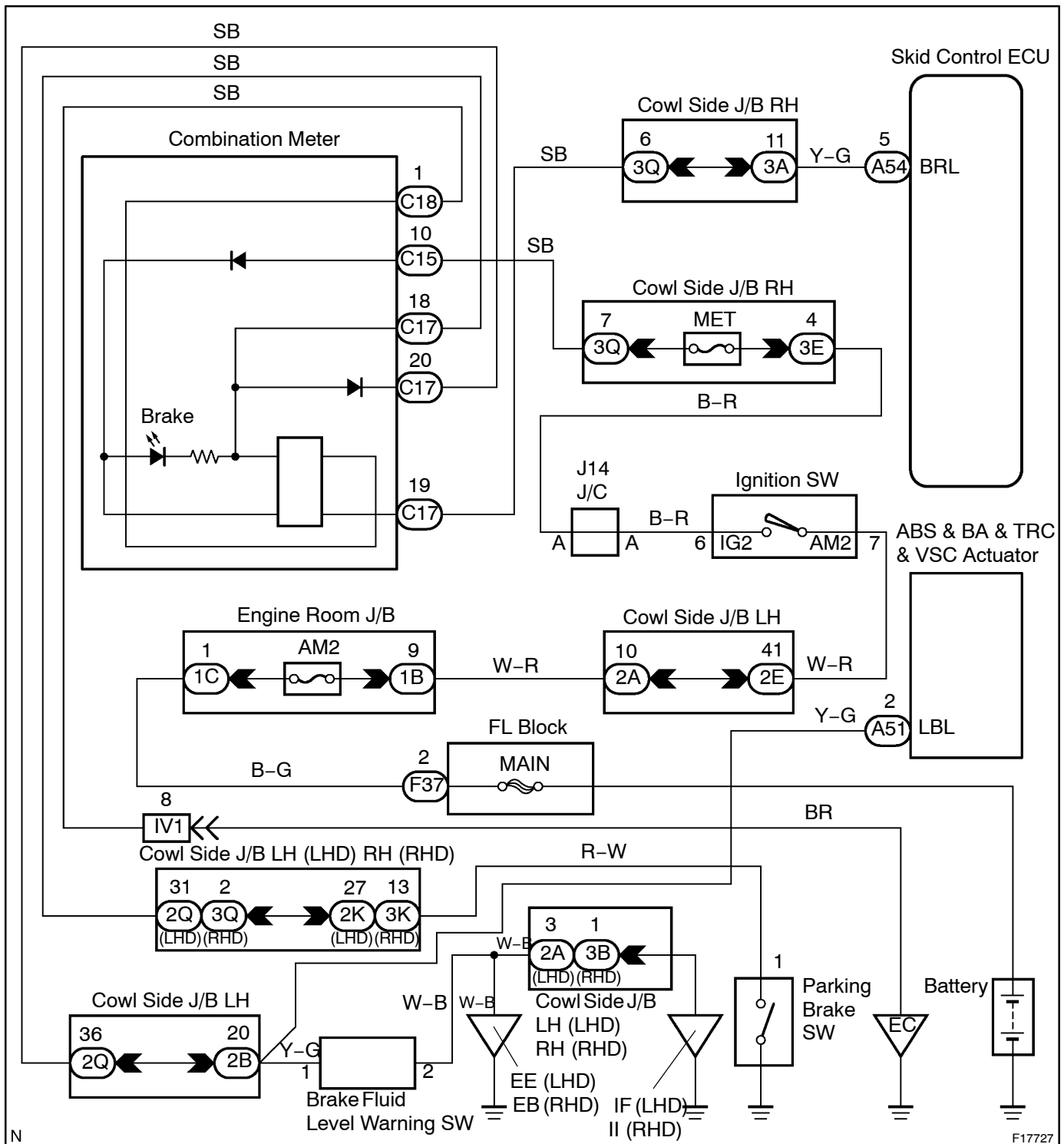


## BRAKE Warning Light Circuit

### CIRCUIT DESCRIPTION

The BRAKE warning light lights up while the brake fluid is insufficient or an abnormality occurs in the hydraulic brake booster and EBD is abnormally.

### WIRING DIAGRAM



## INSPECTION PROCEDURE

**1** Check parking brake switch circuit ([See page BE-41](#)).

NG

Repair or replace parking brake switch circuit.

OK

**2** Check brake fluid level warning switch circuit ([See page BE-41](#)).

NG

Repair or replace brake fluid level warning switch circuit.

OK

**3** Is DTC output for ABS?

YES

Repair circuit indicated by the output code.

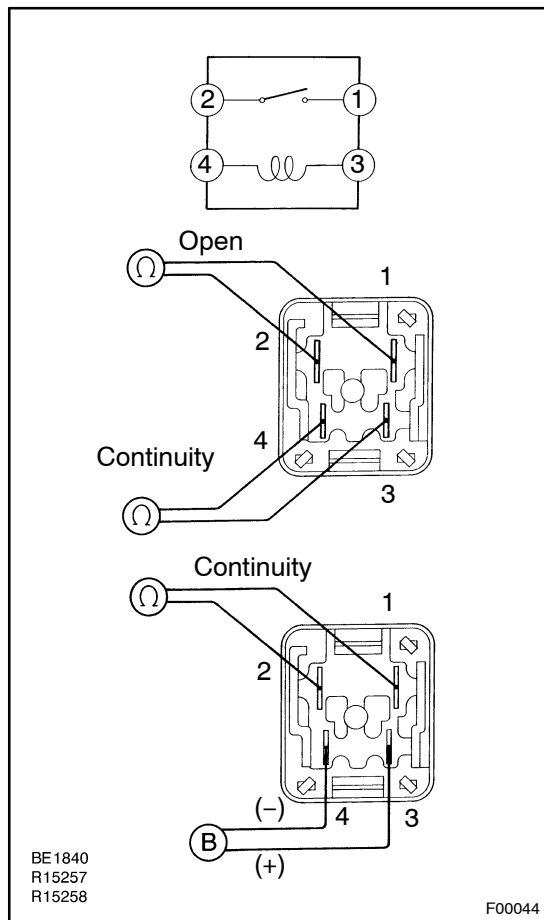
NO

**4** Does the warning lights other than BRAKE warning lights up?

YES

Go to step 6.

NO

**5 Check IG1 No. 1 relay.****PREPARATION:**

Remove IG1 No. 1 relay from engine room J/B.

**CHECK:**

Check continuity between each pair of terminal of IG1 No. 1 relay.

**OK:**

Terminals 3 and 4	Continuity
Terminals 1 and 2	Open

**CHECK:**

- (a) Apply battery voltage between terminals 3 and 4.
- (b) Check continuity between terminals.

**OK:**

Terminals 1 and 2	Continuity
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**NG****Replace IG1 No. 1 relay.****OK**

**Check for open circuit in harness and connector between IG1 No. 1 relay and combination meter**  
(See page IN-38).

**6 Check BRAKE warning light.**

Open circuit in the combination meter (See page BE-33).

**NG****Repair brake warning light bulb or combination meter assembly.****OK**

- 7** Check for short circuit in harness and connector between brake warning light and skid control ECU (See page IN-38).

NG

Repair or replace harness or connector.

OK

**8** Check voltage of the ECU –IG power source.

In case of using the hand –held tester:

**PREPARATION:**

- (a) Connect the hand –held tester to the DLC3.
- (b) Turn the ignition switch ON and push the hand –held tester main switch ON.
- (c) Select the DATALIST mode on the hand –held tester.

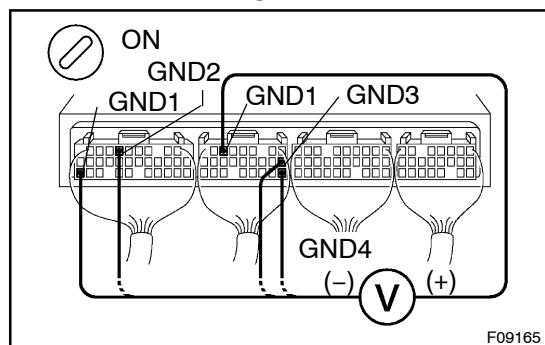
**CHECK:**

Check the voltage condition output from the ECU displayed on the hand –held tester.

**OK:**

"Normal" is displayed.

In case of not using the hand –held tester:



**PREPARATION:**

Remove skid control ECU with connectors still connected.

**CHECK:**

- (a) Turn the ignition switch ON.
- (b) Measure voltage between terminals IG1 and GND of skid control ECU connector.

**OK:**

Voltage: 10 – 14 V

NG

Check and replace harness or connector.

OK

Check and repair skid control ECU.