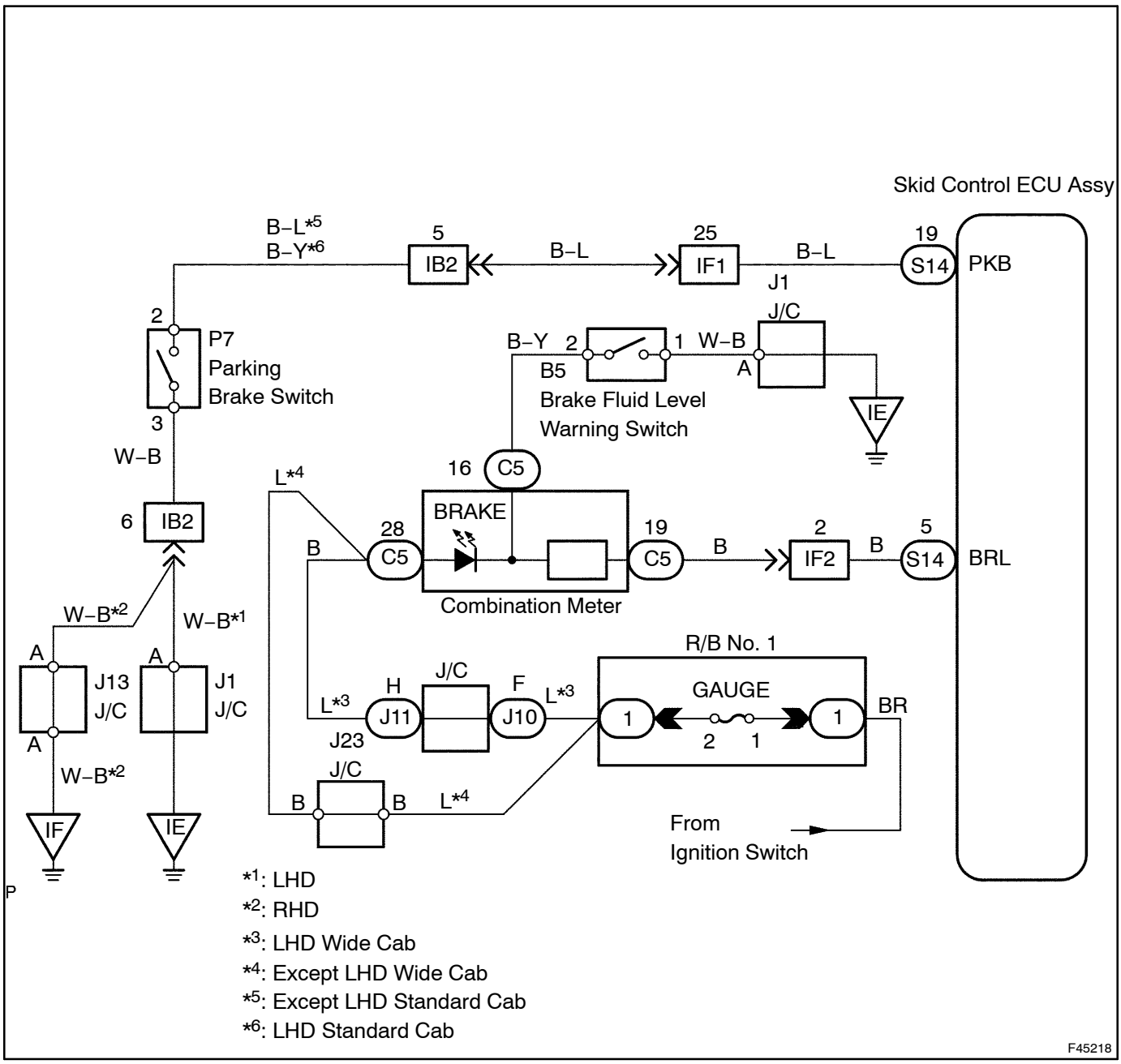
BRAKE WARNING LIGHT CIRCUIT (REMAINS ON)

CIRCUIT DESCRIPTION

The brake warning light lights up when the brake fluid is insufficient and the vacuum is low.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	RECONFIRM DTC

(a) Check the DTC (See page 05–205).

HINT:

After erasing the DTC and driving the vehicle more than 30 km/h, check for DTC.

A	Normal Code
B	Malfunction Code

B → **REPAIR CIRCUIT INDICATED BY OUTPUT CODE**

A

2	INSPECT PARKING BRAKE SWITCH

NG → **REPAIR OR REPLACE PARKING BRAKE SWITCH**

OK

3	CHECK BRAKE WARNING LIGHT

(a) Turn the ignition switch OFF.
(b) Remove the skid control ECU with the connectors still connected.
(c) Using a service wire, connect terminals BRL (S14–5) and GND of the S14 ECU connector.
(d) Turn the ignition switch ON.
(e) Check that the brake warning light goes off.

NG → **Go to step 8**

OK

4	CHECK SKID CONTROL ECU ASSY (IG VOLTAGE)

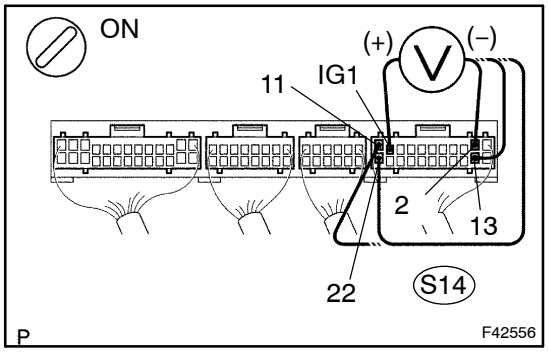
When using hand–held tester:

(a) Select the item ”IG VOLTAGE” in the DATA LIST and read its value displayed on the hand–held tester.

(b) Check the voltage condition output from the ECU, which is displayed on the hand–held tester.

Standard:

”Normal” is displayed.



When not using hand–held tester:

(c) Remove the ECU with the connectors still connected.

(d) Turn the ignition switch ON and measure the voltage between terminals IG1 (S14–10) and GND (S14–2, 11, 13, 22) of the S14 ECU connector.

Standard: 20 – 28 V

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

OK

5	CHECK VACUUM HOSE

NG → **REPAIR OR REPLACE VACUUM HOSE**

NO

6	CHECK BRAKE FLUID LEVEL IN RESERVOIR

NG → **CHECK AND REPAIR BRAKE FLUID LEAKAGE AND ADD FLUID**

OK

7	CHECK VACUUM SENSOR (No.1, No.2)

(a) Check the difference of voltage between.

Standard:

Difference is 340 mV or more ≧ 340 mV

(b) Check the sensors (See page 05–195).

NG → **REPLACE VACUUM SENSOR**

OK

CHECK AND REPLACE SKID CONTROL ECU ASSY (See page 01–27)

8	CHECK WIRE HARNESS (COMBINATION METER ASSEMBLY ⇔ SKID CONTROL ECU ASSY)

(a) Check for open or short circuit in the harness and connector between the C5 meter and S14 ECU connectors (See page 01–27).

NG → REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

CHECK AND REPLACE COMBINATION METER ASSEMBLY (See page 71–2)