

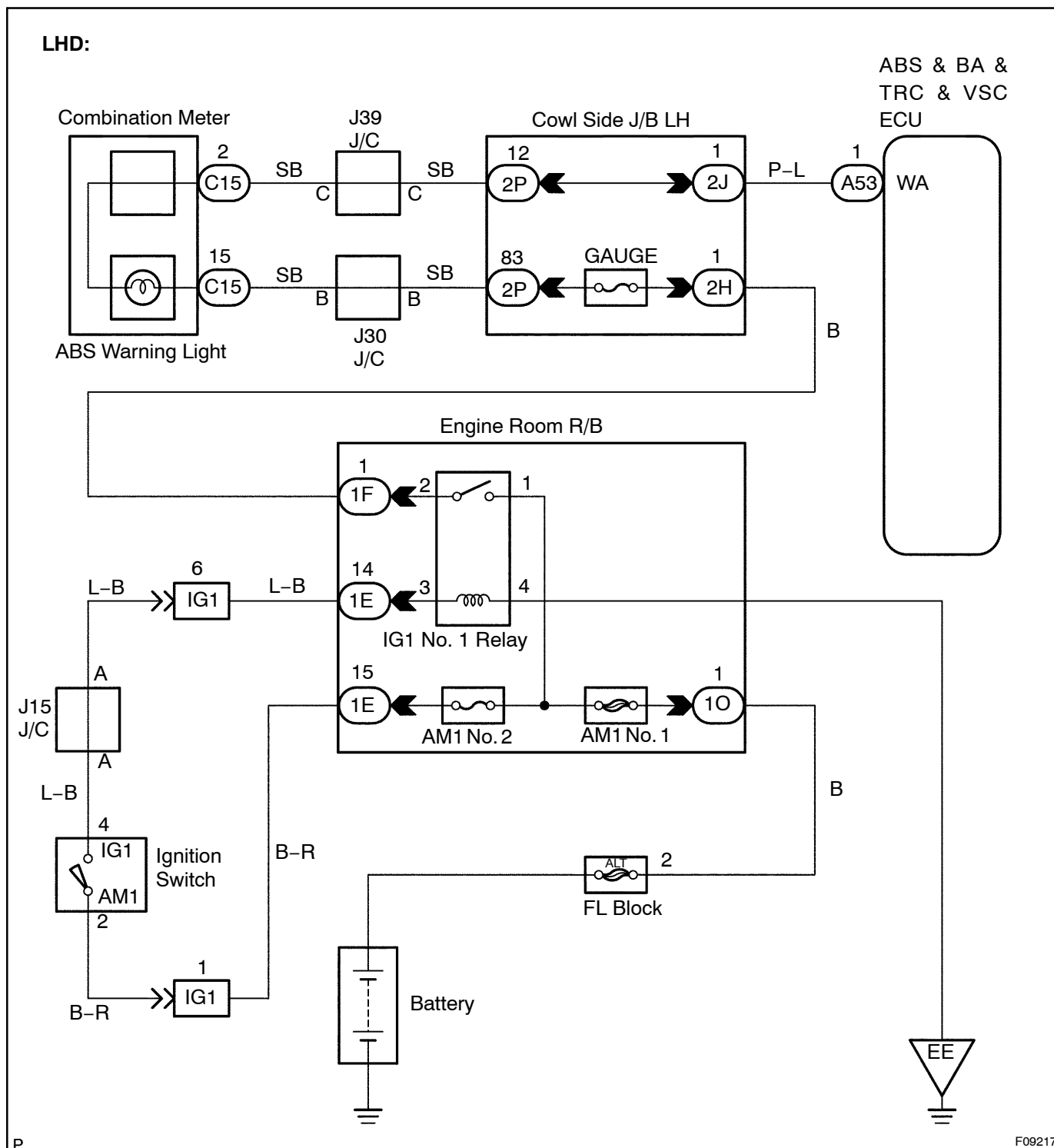
ABS Warning Light Circuit

CIRCUIT DESCRIPTION

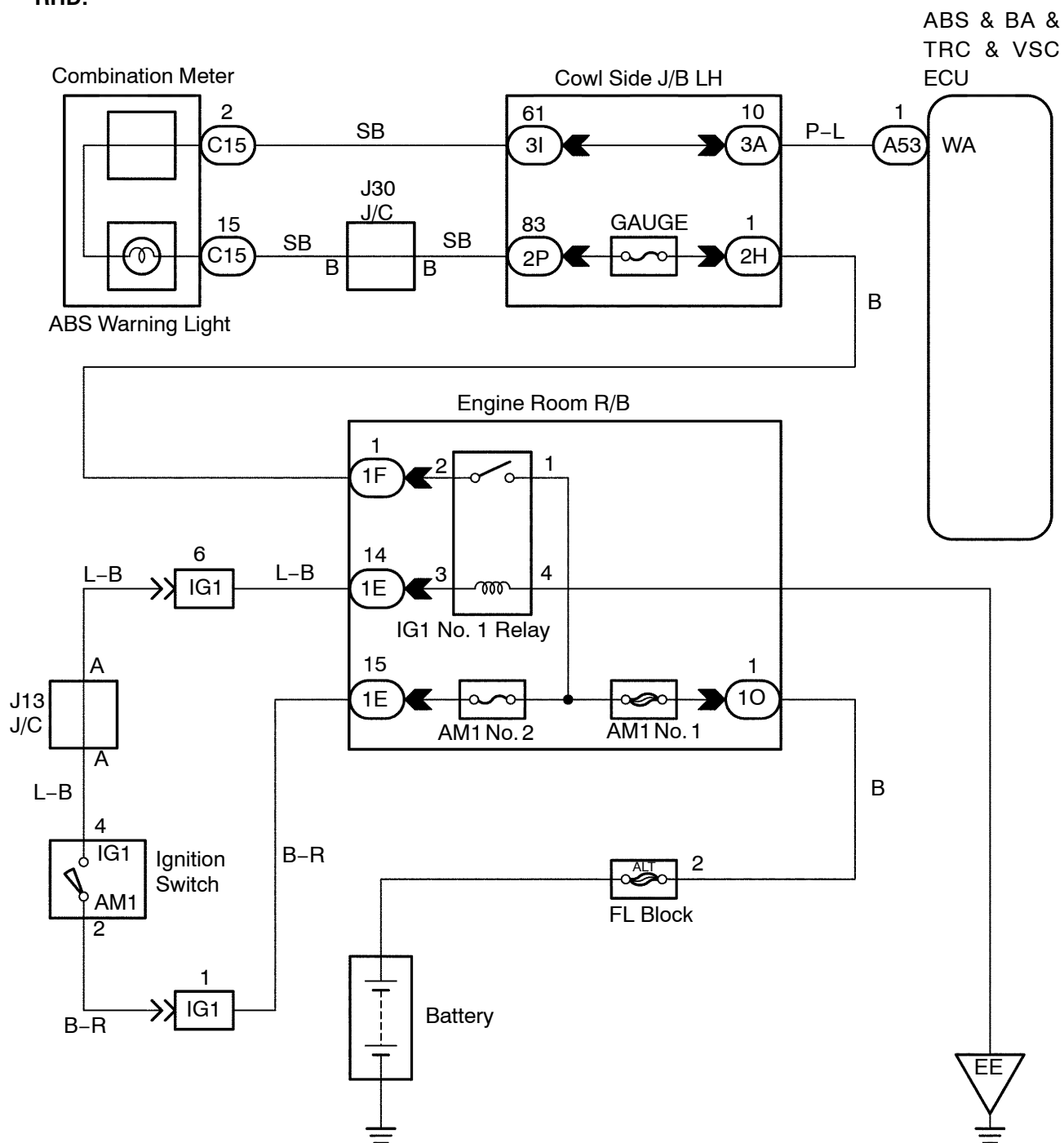
If the ECU detects trouble, it lights the ABS warning light while at the same time prohibiting ABS control. At this time, the ECU records a DTC in memory.

Connect terminals Tc and E₁ of the check connector to make the ABS warning light blink and output the DTC.

WIRING DIAGRAM



RHD:



F10018

INSPECTION PROCEDURE

HINT:

Troubleshoot in accordance with the chart below for each trouble symptom.

ABS warning light does not light up	* ¹
ABS warning light remains on	* ²

*¹: Start the inspection from step 1 in case of using the hand –held tester and start from step 2 in case of not using hand –held tester.

*²: After inspection with step 4, start the inspection from step 5 in case of using the hand –held tester and start from step 6 in case of not using hand –held tester.

1	Check operation of the ABS warning light.
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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 ACTIVE TEST mode on the hand –held tester.

CHECK:

Check that "ON" and "OFF" of the ABS warning light can be shown on the combination meter on the hand –held tester.

OK

Check and replace ABS & BA & TRC & VSC ECU.

NG

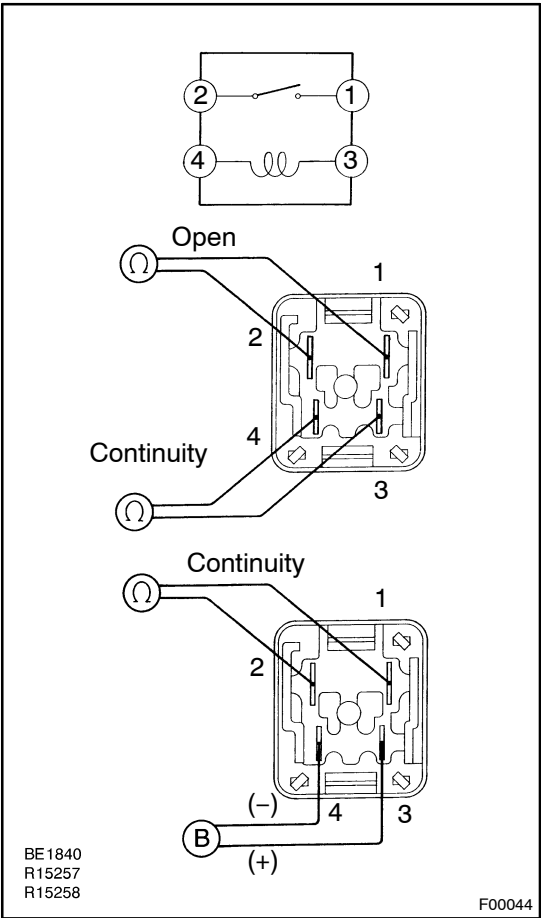
2	Does the warning lights other than ABS warning lights up?
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YES

Repair ABS warning light bulb or combination meter assembly.

NO

3 Check IG 1 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 IG 1 No. 1 relay.

OK

Check for open circuit in harness and connector between IG 1 No. 1 relay and combination meter (See page IN-35).

4 Check that the ECU connectors are securely connected to the ECU.

NO

Connect the connector to the ECU.

YES

5 Check operation of the ABS warning light (See step 1).

OK

Check and replace ABS & BA & TRC & VSC ECU.

NG

6 Is DTC output?

Check DTC on [page DI-4](#).

YES

Repair circuit indicated by the output code.

NO

7 Check for short circuit in harness and connector between ABS warning light and ABS & BA & TRC & VSC ECU ([See page IN-35](#)).

NG

Repair or replace harness or connector.

OK

Check and repair ABS & BA & TRC & VSC ECU.