

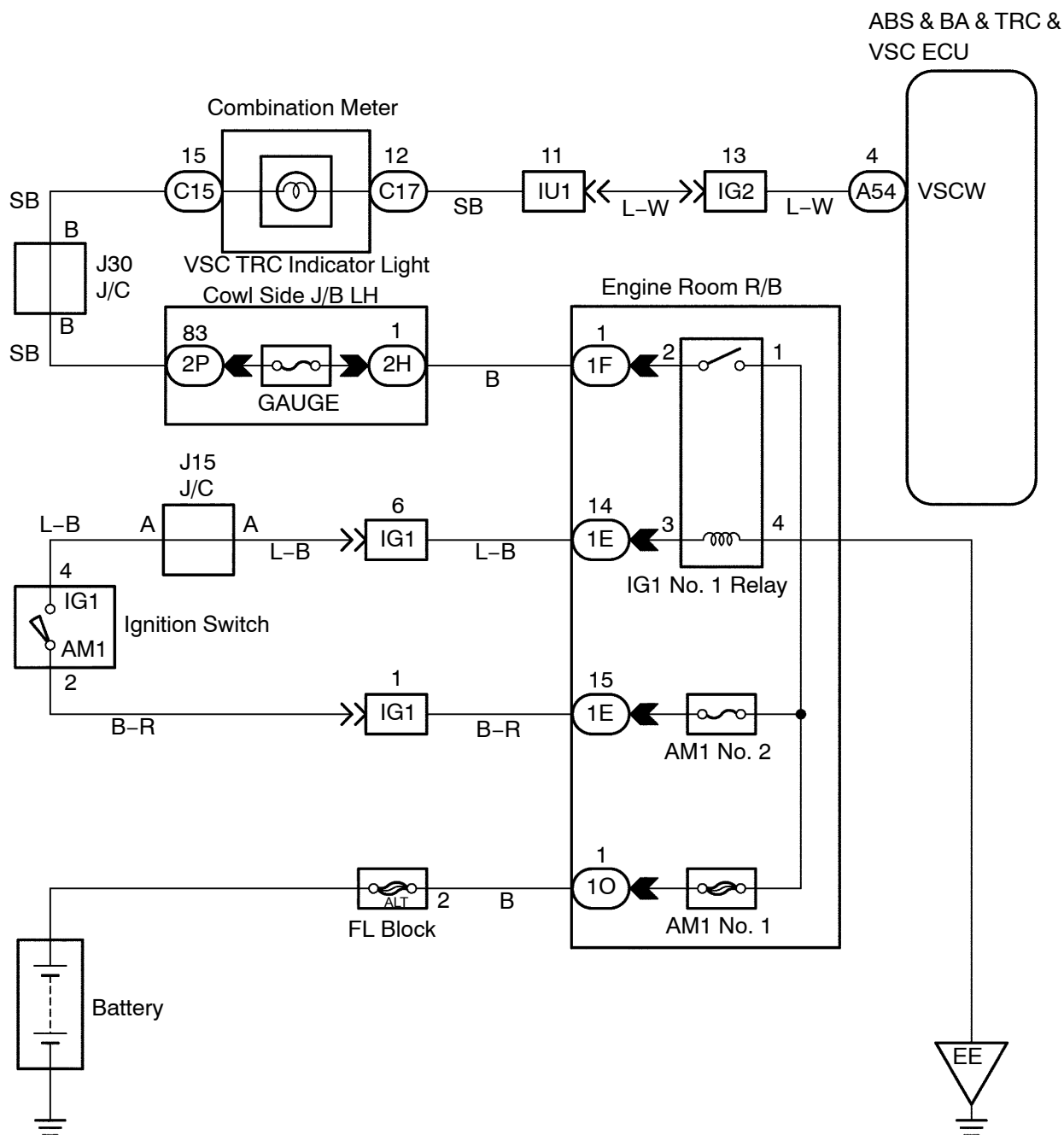
VSC TRC Warning Light Circuit

CIRCUIT DESCRIPTION

If the ECU stores DTC, the VSC TRC warning light lights on the combination meter.

WIRING DIAGRAM

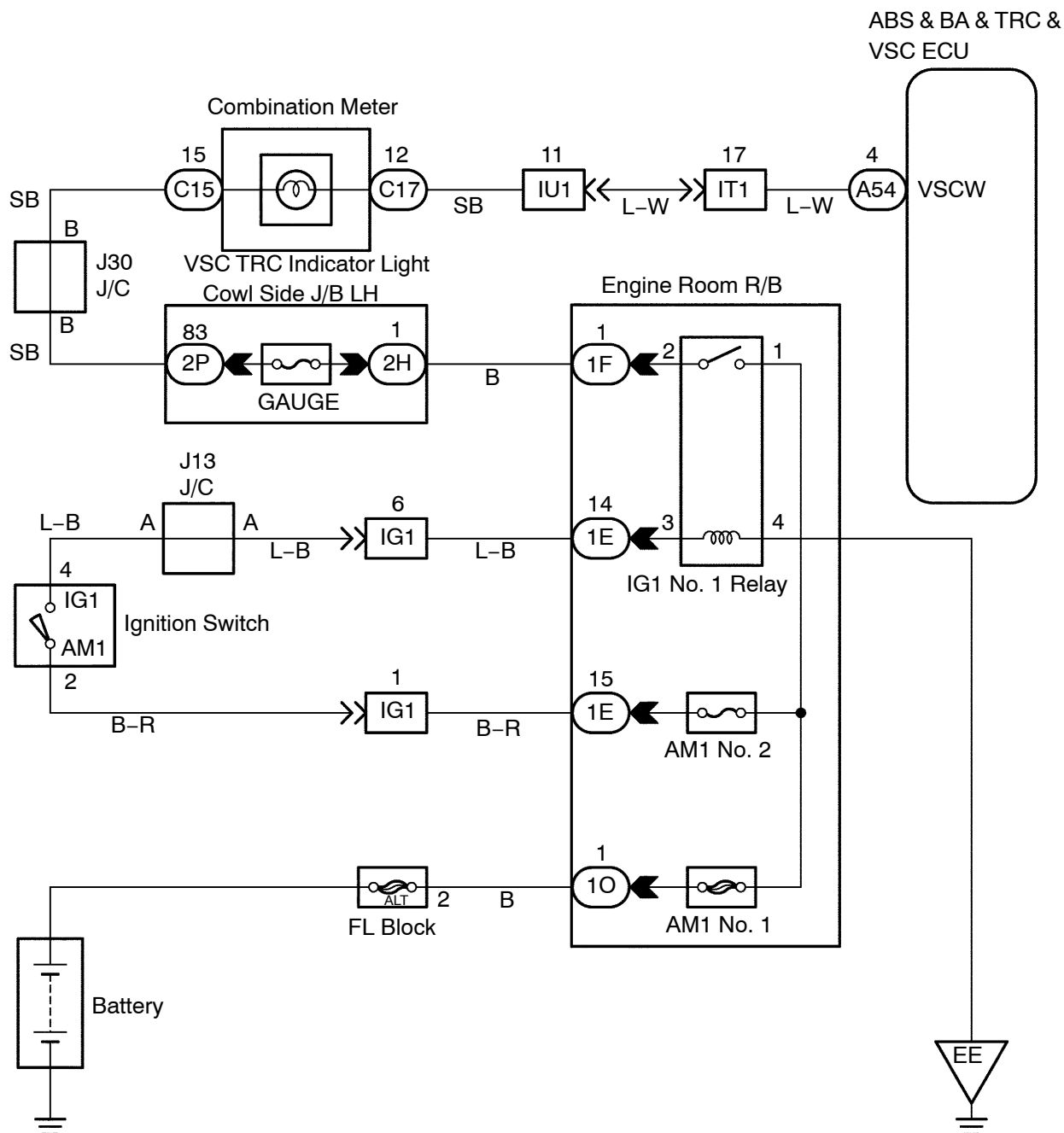
LHD:



P

F09205

RHD:



P

F09205

INSPECTION PROCEDURE**HINT:**

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

VSC TRC warning light does not light up	*1
VSC TRC 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 VSC TRC 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:

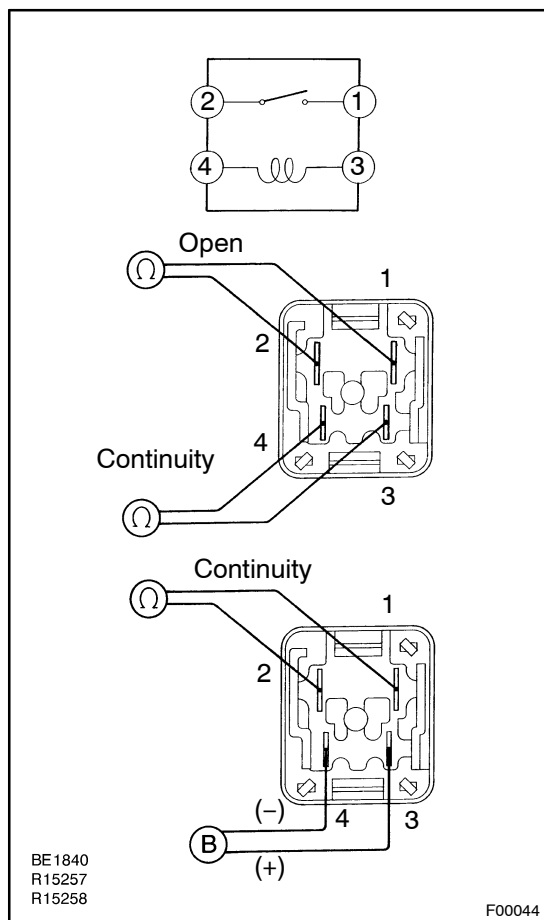
Check that "ON" and "OFF" of the VSC TRC warning light can be shown on the combination meter on the hand-held tester.

OK**Check and replace ABS & BA & TRC & VSC ECU.****NG**

2	Does the warning lights other than VSC TRC warning lights up?
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YES**Repair VSC TRC warning light bulb or combination meter assembly.****NO**

3 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:

- Apply battery voltage between terminals 3 and 4.
- 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-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 VSC TRC 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 VSC TRC warning light and ABS & BA & TRC & VSC ECU (See [page IN-35](#)).

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:

- Connect the hand-held tester to the DLC3.
- Turn the ignition switch ON and push the hand-held tester main switch ON.
- Select the DATALIST mode on the hand-held tester.

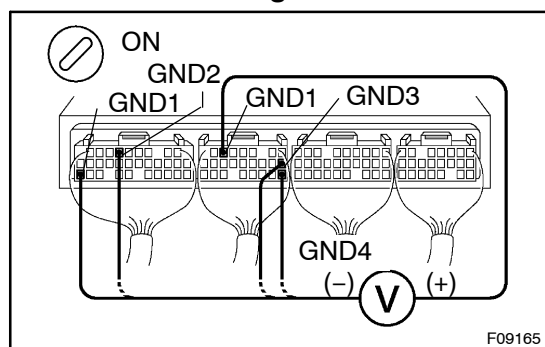
CHECK:

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 ABS & BA & TRAC & VSC ECU with connectors still connected.

CHECK:

- Turn the ignition switch ON.
- Measure voltage between terminals IG1 and GND of ABS & BA & TRAC & VSC ECU connector.

OK:

Voltage: 10 – 14 V

NG

Check and replace harnedd or connector.

OK

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