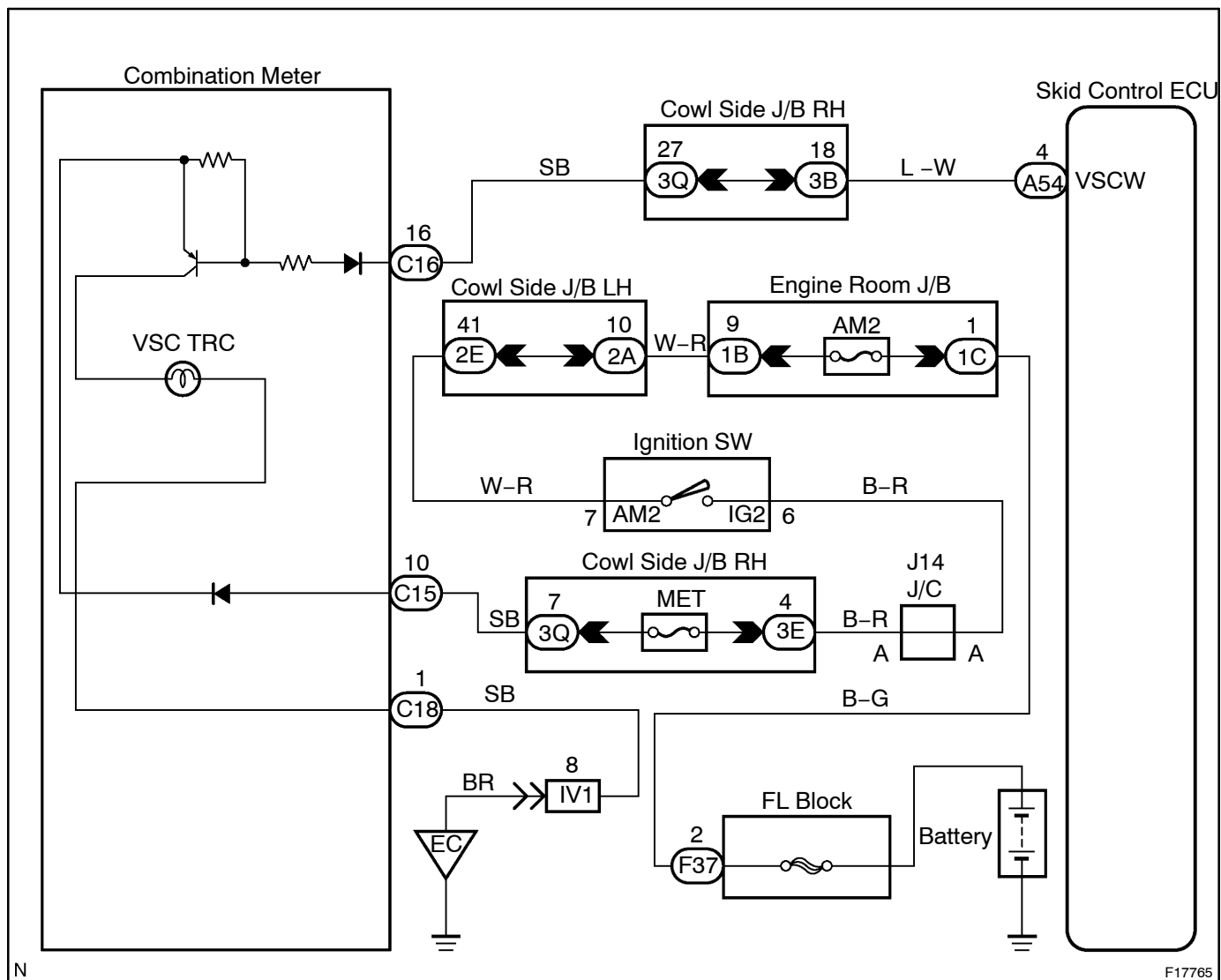


VSC TRC Warning Light Circuit

CIRCUIT DESCRIPTION

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

WIRING DIAGRAM



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 skid control ECU.

NG

2

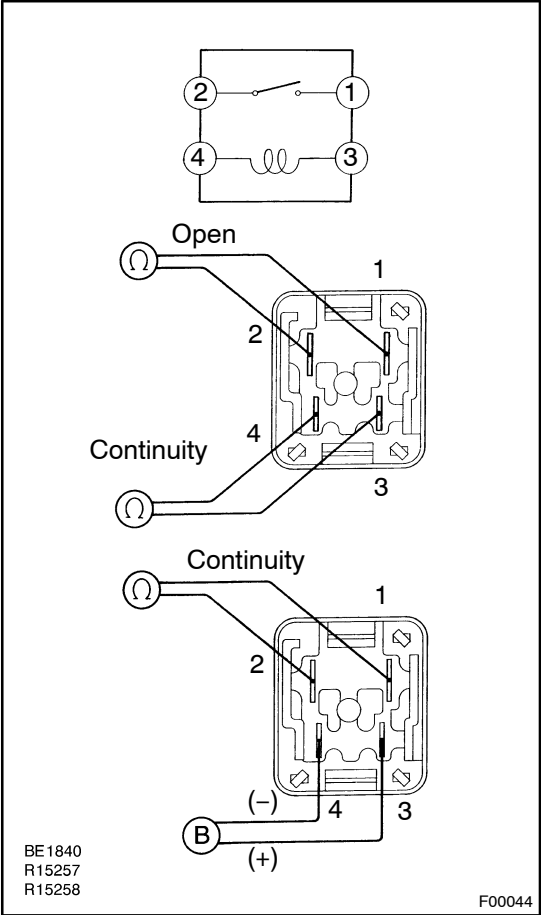
Does the warning lights other than VSC TRC warning lights up?

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:

- (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).

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 skid control ECU.

NG

6 Is DTC output?

Check DTC on [page DI-185](#).

YES

Repair circuit indicated by the output code.

NO

7 Check for short circuit in harness and connector between VSC TRC 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:

- 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.

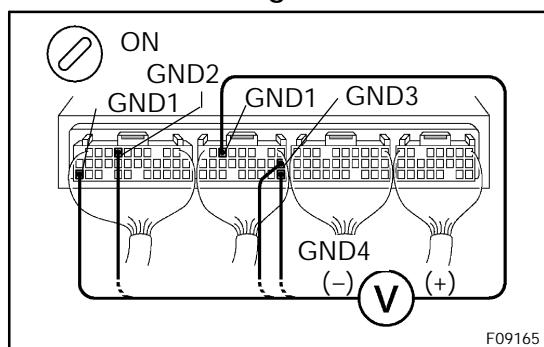
CHECK:

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 skid control ECU with connectors still connected.

CHECK:

- Turn the ignition switch ON.
- 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.