

CIRCUIT DESCRIPTION

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

The diagram illustrates the electrical system for the Skid Control ECU (A53). Key components and connections include:

- Combination Meter:** Connected to the ECU via terminals 12 (C15) and 10 (C15). It includes an ABS indicator and a main power line.
- Cowl Side J/B LH:** Contains relays 2E and 2A, connected to the ECU via terminal 10 (C15).
- Cowl Side J/B RH:** Contains relays 3Q and 3E, connected to the ECU via terminal 1 (C18).
- Engine Room J/B:** Contains relays 1B and 1C, connected to the ECU via terminal 1 (A53).
- Ignition SW:** Contains a switch (AM2) and a fuse (IG2), connected to the ECU via terminal 6.
- Battery:** Connected to the ECU via terminal 2 (F37) and the MAIN fuse.
- Other Components:** Includes a FL Block, a Battery, and a J14 J/C connector.

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. |
|----------|--|

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 skid control ECU.

NG

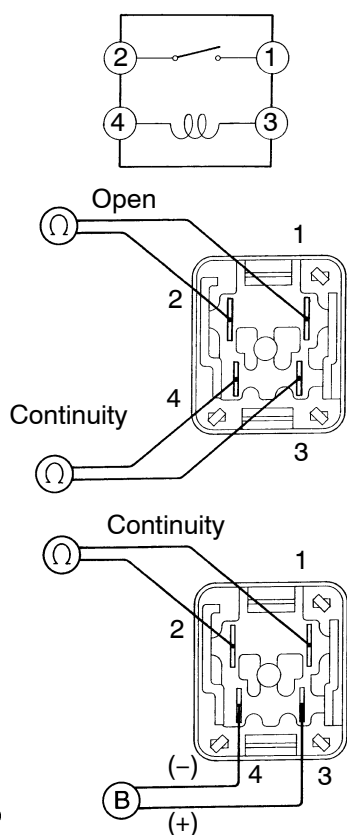
2 Does the warning lights other than ABS warning lights up?

YES

Repair ABS warning light bulb or combination meter assembly.

NO

3 | **Check IG1 No. 1 relay.**



BE1840
R15257
R15258

F00044

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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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 ABS warning light (See step 1).

OK

Check and replace skid control ECU.

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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 ABS warning light and skid control ECU (See [page IN-38](#)).

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Repair or replace harness or connector.

OK

Check and repair skid control ECU.