

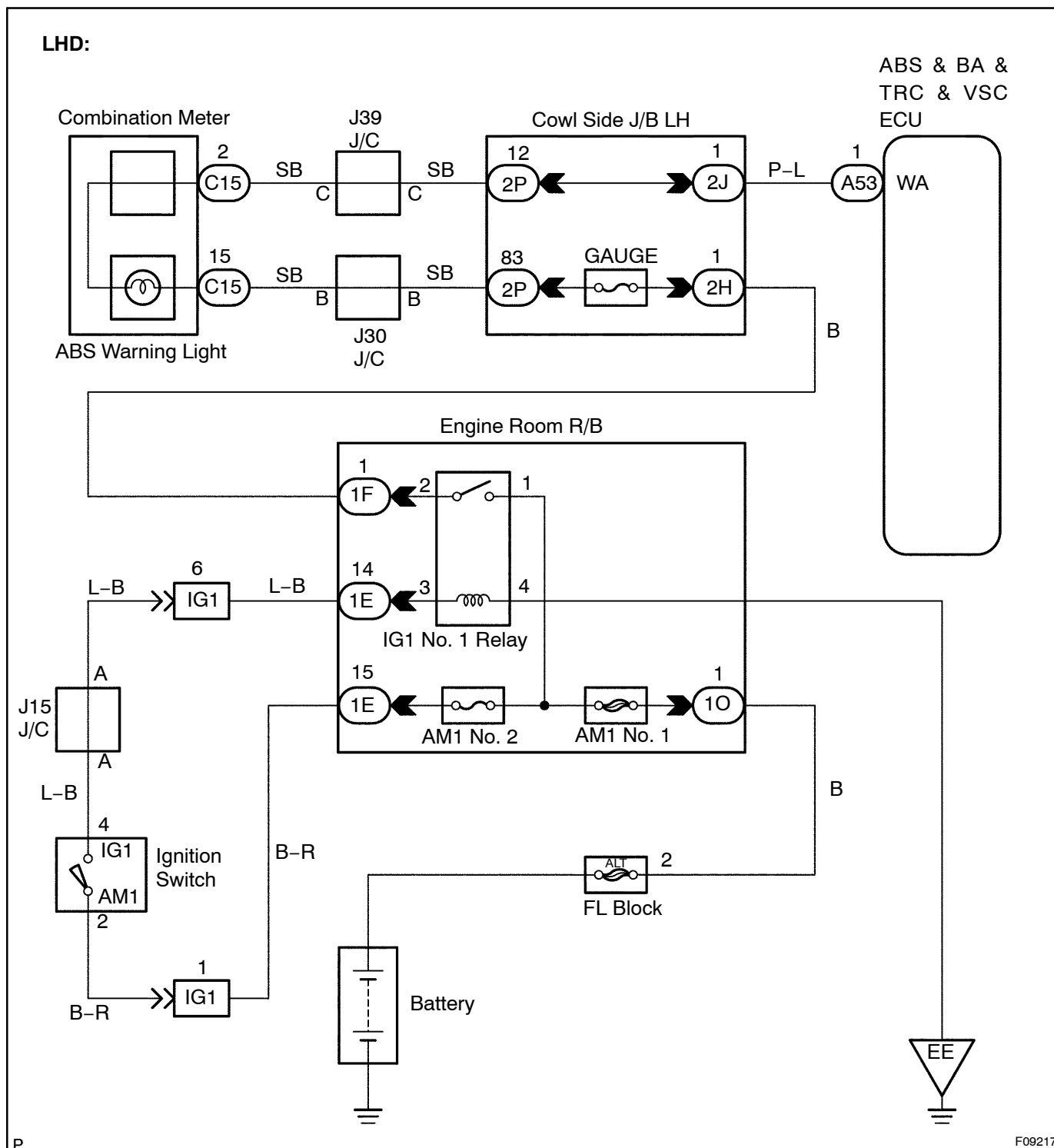
## ABS Warning Light Circuit

### CIRCUIT DESCRIPTION

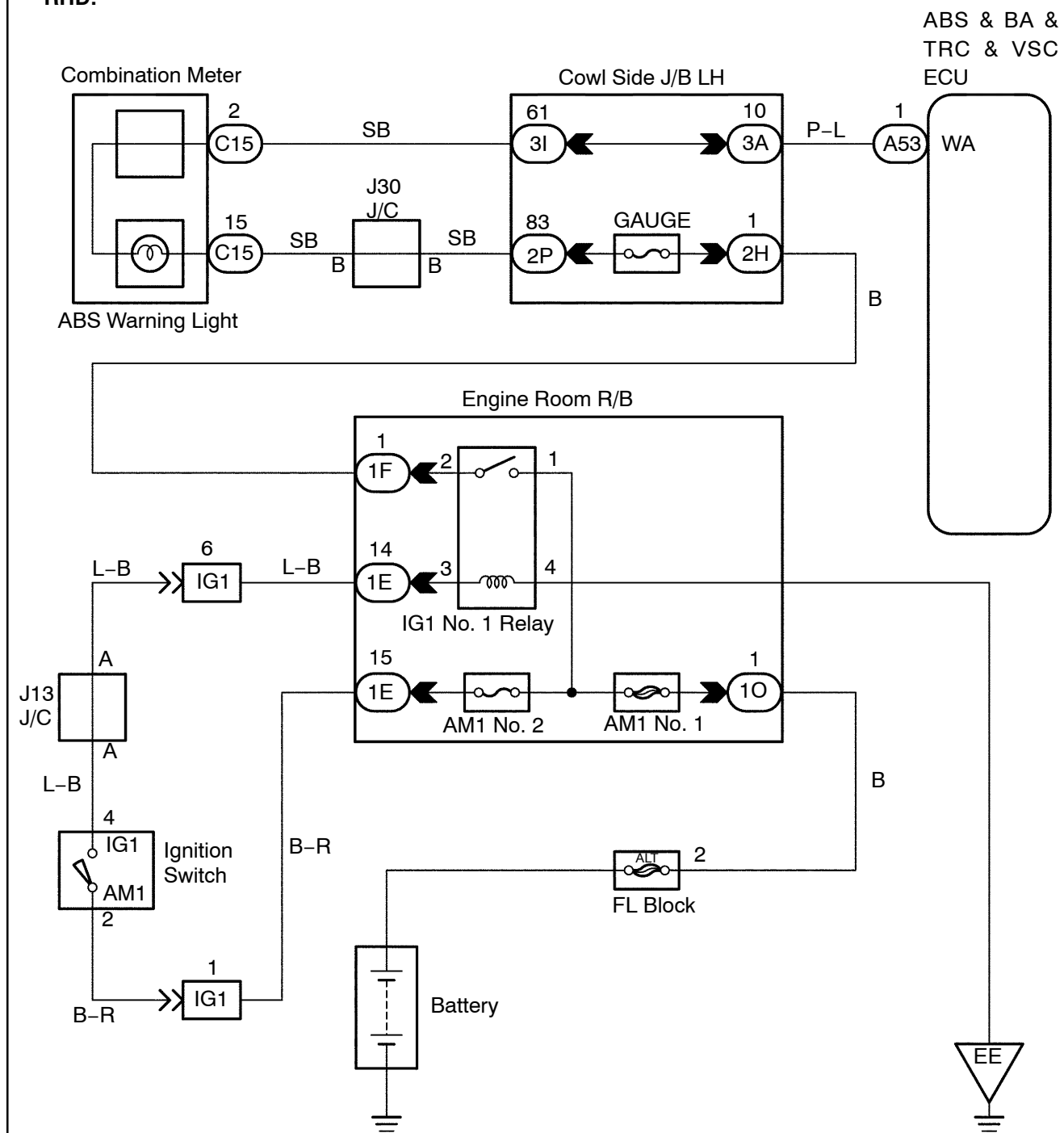
If the ECU detects trouble, it lights the ABS warning light while at the same time prohibiting ABS control. At this time, the ECU records a DTC in memory.

Connect terminals Tc and E<sub>1</sub> 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.

|          |                                                  |
|----------|--------------------------------------------------|
| <b>1</b> | <b>Check operation of the ABS warning light.</b> |
|----------|--------------------------------------------------|

### 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.

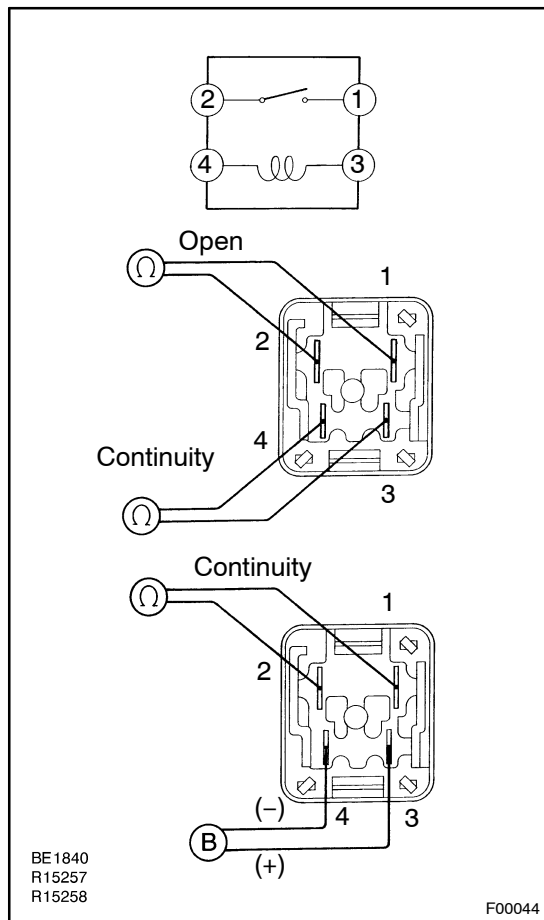
NG

|          |                                                                  |
|----------|------------------------------------------------------------------|
| <b>2</b> | <b>Does the warning lights other than ABS warning lights up?</b> |
|----------|------------------------------------------------------------------|

YES

Repair ABS 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 |
|-------------------|------------|

**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 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.**