

DTC	Always ON	Malfunction in ECU
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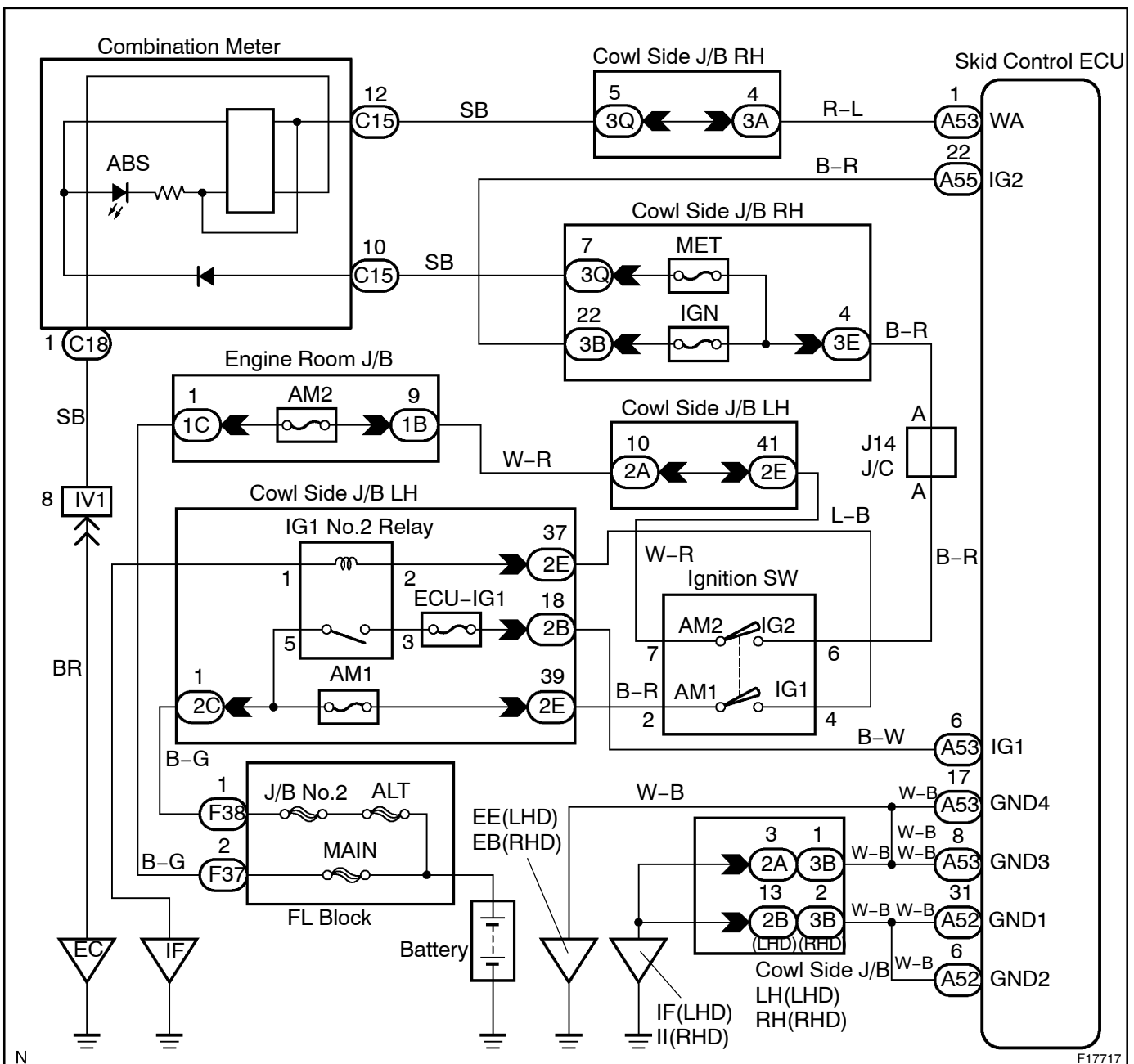
## CIRCUIT DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
Always ON	Either of the following 1. or 2. is detected: 1. The ECU connectors are OFF from the ECU. 2. There is a malfunction in the ECU internal circuit.	<ul style="list-style-type: none"> <li>Battery</li> <li>IC regulator</li> <li>Power source circuit</li> <li>Skid control ECU</li> </ul>

HINT:

There is a case that hand-held tester cannot be used when ECU is abnormal.

## WIRING DIAGRAM



**INSPECTION PROCEDURE**

**1** Check that the ECU connectors are securely connected to the ECU.

**NO**

Connect the connector to the ECU.

**YES**

**2** Is DTC output?

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

**YES**

Repair circuit indicated by the output code.

**NO**

**3** Does ABS warning light go off?

**YES**

Check for open or short circuit in harness and connector between ECU-IG fuse and ECU (See [page IN-38](#)).

**NO**

**4** Check battery voltage.

**PREPARATION:**

Start the engine.

**CHECK:**

Check the battery voltage.

**OK:**

**Voltage: 10 – 14 V**

**NG**

Check and repair the charging system.

**OK**

## 5 Check operation of the ABS warning light.

In case of using the hand-held tester:

### 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 by the hand-held tester.

In case of not using the hand-held tester:

### PREPARATION:

- (a) Turn the ignition switch OFF.
- (b) Disconnect the connector from the skid control ECU.
- (c) Turn the ignition switch ON.

### CHECK:

Check the ABS warning goes off.

OK

Check and replace combination meter (See page BE-33).

NG

## 6 Check for short circuit in harness and connector between combination meter and skid control ECU, combination meter and check connector (See page IN-38).

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Repair or replace harness or connector.

OK

Check and replace skid control ECU.