

| DTC | Always ON | Malfunction in ECU |
|-----|-----------|--------------------|
|-----|-----------|--------------------|

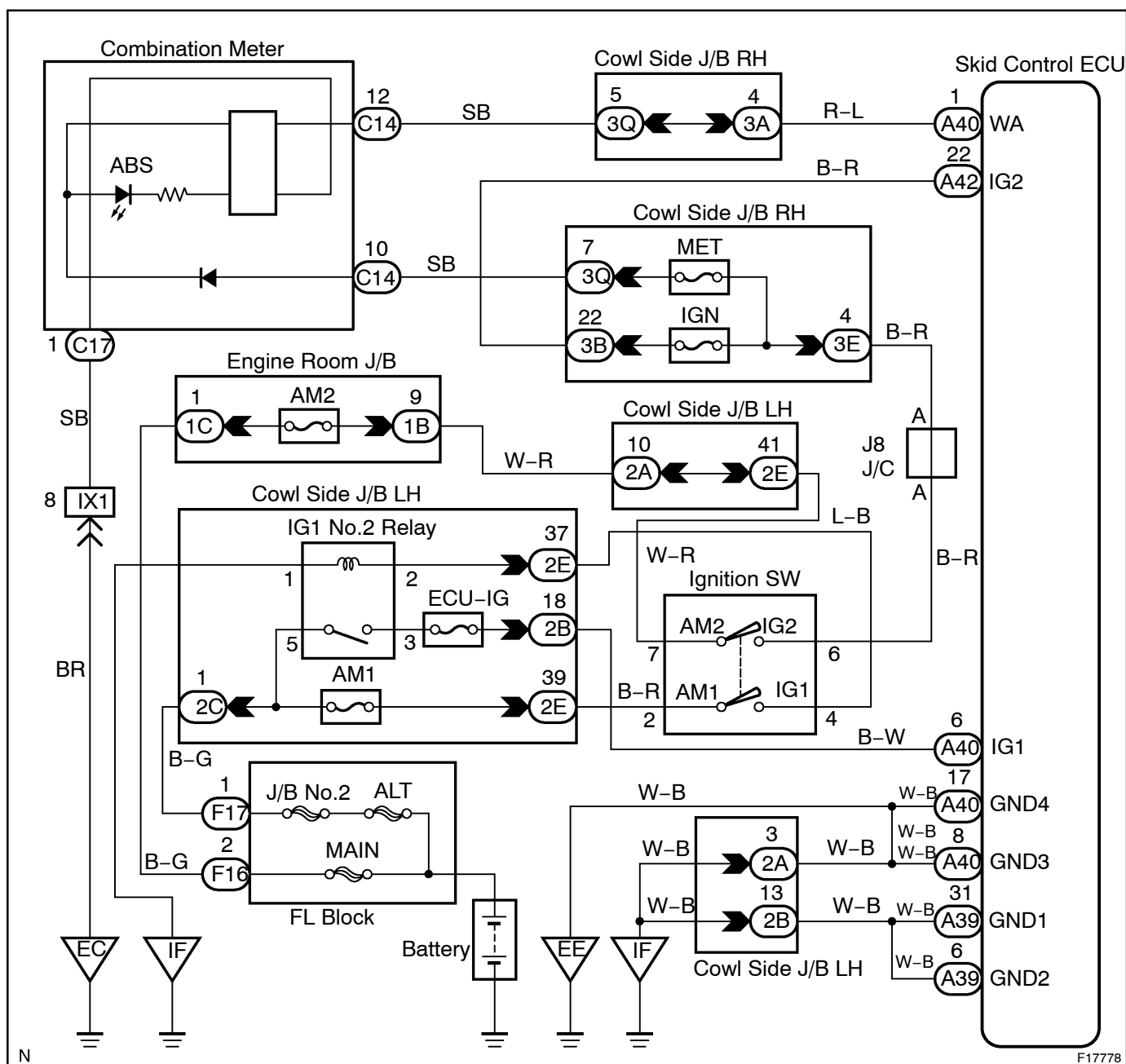
## CIRCUIT DESCRIPTION

| DTC No.   | DTC Detecting Condition                                                                                                                                | Trouble Area                                                                                                                            |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Always ON | Either of the following 1. or 2. is detected:<br>1. The ECU connectors are OFF from the ECU.<br>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

|          |                                                                         |
|----------|-------------------------------------------------------------------------|
| <b>1</b> | <b>Check that the ECU connectors are securely connected to the ECU.</b> |
|----------|-------------------------------------------------------------------------|

**NO**

**Connect the connector to the ECU.**

**YES**

|          |                       |
|----------|-----------------------|
| <b>2</b> | <b>Is DTC output?</b> |
|----------|-----------------------|

Check DTC on page [DI-600](#).

**YES**

**Repair circuit indicated by the output code .**

**NO**

|          |                                       |
|----------|---------------------------------------|
| <b>3</b> | <b>Does ABS warning light go off?</b> |
|----------|---------------------------------------|

**YES**

**Check for open or short circuit in harness and connector between ECU-IG fuse and ECU (See page [IN-36](#)).**

**NO**

|          |                                        |
|----------|----------------------------------------|
| <b>4</b> | <b>Check battery positive voltage.</b> |
|----------|----------------------------------------|

### **PREPARATION:**

Start the engine.

### **CHECK:**

Check the battery positive voltage.

### **OK:**

**Voltage: 10 – 14 V**

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**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) Using service wire, connect terminal WA of skid control ECU harness side connector and body ground.
- (d) Turn the ignition switch ON.

**CHECK:**

Check the ABS warning goes off.

OK

Check and replace combination meter (See page [BE-2](#)).

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**6 Check for short circuit in harness and connector between combination meter and skid control ECU, combination meter, DLC1 and DLC3 (See page [IN-36](#)).**

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Repair or replace harness or connector.

OK

Check and replace skid control ECU.