

DTC	Always ON	Malfunction in ECU
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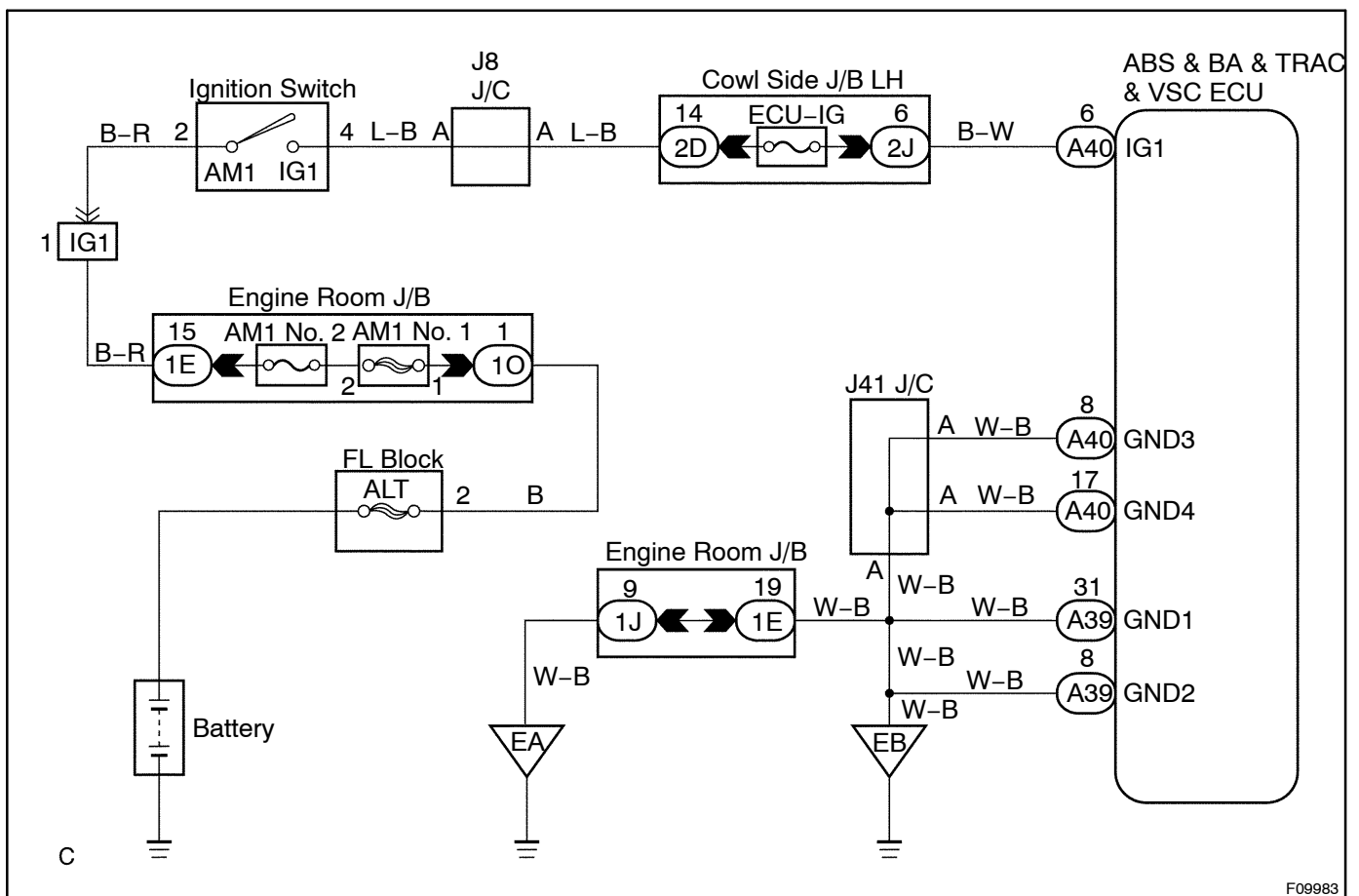
CIRCUIT DESCRIPTION

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.	• Battery • IC regulator • Power source circuit • ABS & BA & TRAC & VSC ECU

HINT:

There is a case that LEXUS 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.
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NO**Connect the connector to the ECU.****YES**

2	Is DTC output?
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Check DTC on page [DI-326](#).**YES****Repair circuit indicated by the output code .****NO**

3	Does ABS warning light go off?
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YES**Check for open or short circuit in harness and connector between ECU-IG fuse and ECU (See page [IN-34](#)).****NO**

4	Check battery positive voltage.
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PREPARATION:

Start the engine.

CHECK:

Check the battery positive voltage.

OK:**Voltage: 10 – 14 V****NG****Check and repair the charging system.****OK**

5	Check operation of the ABS warning light.
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In case of using the LEXUS hand-held tester:

PREPARATION:

- (a) Connect the LEXUS hand-held tester to the DLC3.
- (b) Turn the ignition switch ON and push the LEXUS hand-held tester main switch ON.
- (c) Select the ACTIVE TEST mode on the LEXUS hand-held tester.

CHECK:

Check that "ON" and "OFF" of the ABS warning light can be shown on the combination meter by the LEXUS hand-held tester.

In case of not using the LEXUS hand-held tester:

PREPARATION:

- (a) Turn the ignition switch OFF.
- (b) Disconnect the connector from the ABS & BA & TRAC & VSC ECU.
- (c) Using service wire, connect terminal WA of ABS & BA & VSC 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 ABS & BA & TRAC & VSC ECU, combination meter, DLC1 and DLC3 (See page IN-34).
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Repair or replace harness or connector.

OK

Check and replace ABS & BA & TRAC & VSC ECU.