

DTC	Always ON	Malfunction in ECU IG Power Source Circuit
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CIRCUIT DESCRIPTION

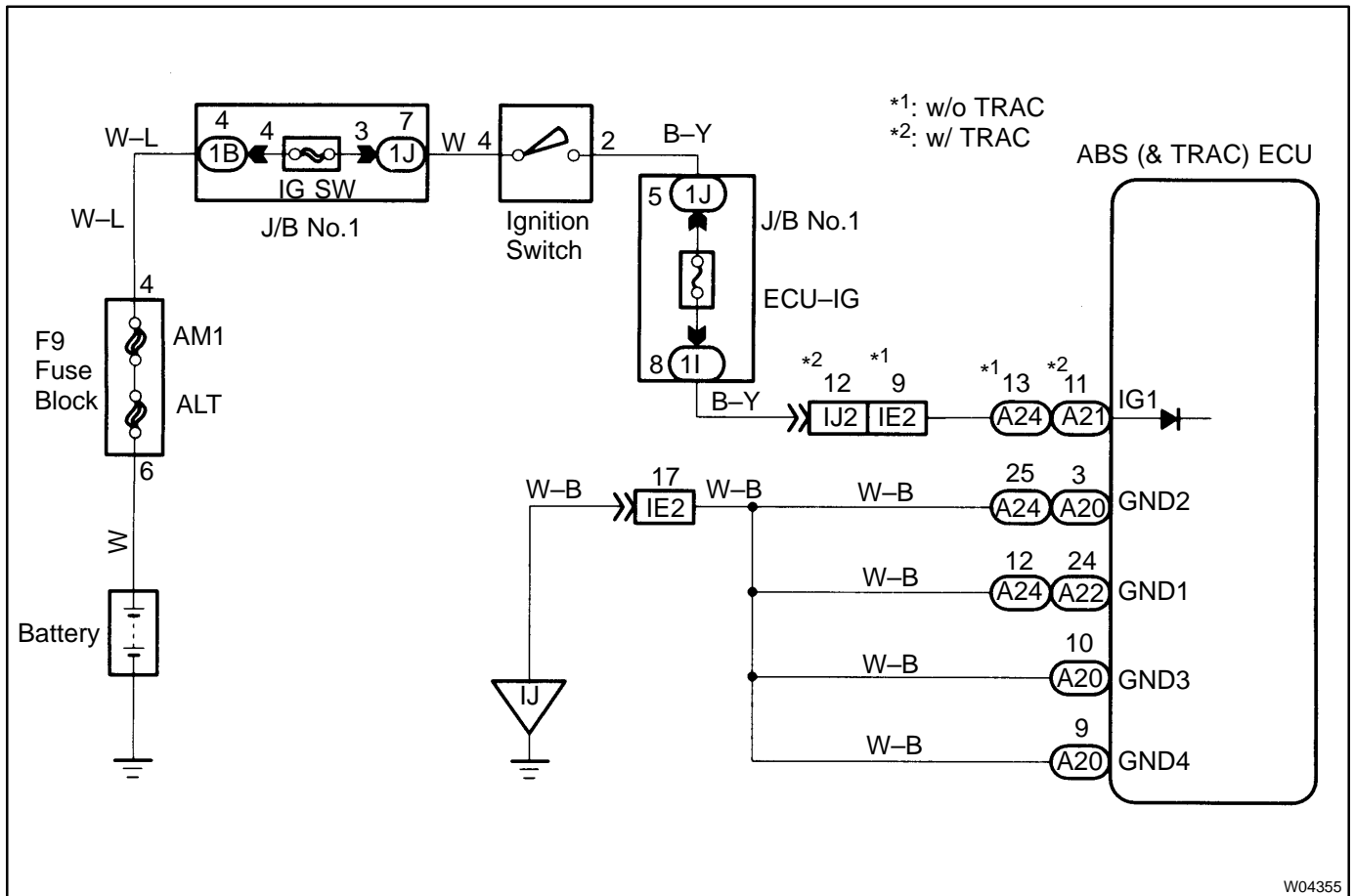
This is the power source for the ECU, hence the CPU, and the actuators.

DTC No.	DTC Detecting Condition	Trouble Area
Always ON	Voltage of ECU terminal IG1 remains at more than 17 V.	<ul style="list-style-type: none"> • Battery • IC regulator • Open or short in power source circuit • ECU

Fail safe function:

If trouble occurs in the power source circuit, the ECU cuts off current to the ABS solenoid relay and prohibits ABS control.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	Is DTC output?
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Check DTC on page [DI-408](#).

YES

Repair circuit indicated by the code output.

NO

2	Is normal code displayed?
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YES

Check ABS solenoid relay. Check for short in harness and connector between ABS solenoid relay and DLC1 (See page [IN-29](#)).

NO

3	Is ABS warning light go off?
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YES

Check for open or short in harness and connector between ECU-IG Fuse and ECU (See page [IN-29](#)).

NO

4	Check battery positive voltage.
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PREPARATION:

Start the engine.

CHECK:

Check the battery positive voltage.

OK:

Voltage: 10 – 16 V

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Check and repair the charging system.

OK

5 Check ABS warning light.**PREPARATION:**

- (a) Turn the IG switch OFF.
- (b) Disconnect the connector from the ABS (& TRAC) ECU.
- (c) Turn the IG switch ON.

CHECK:

Check the ABS warning light goes off.

OK

Turn the IG switch OFF, check and replace ABS (& TRAC) ECU.

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Check for short in harness and connector between combination meter and ABS (& TRAC) ECU, combination meter and DLC1 (See page [IN-29](#)).