

<b>DTC</b>	<b>Always ON</b>	<b>ABS ECU Malfunction</b>
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## CIRCUIT DESCRIPTION

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

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

Fail-safe function

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

## INSPECTION PROCEDURE

<b>1</b>	<b>Is DTC output?</b>
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Check DTC on [page DI-52](#).

**YES**

Repair circuit indicated by the code output.

**NO**

<b>2</b>	<b>Is normal code displayed?</b>
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**NO**

Go to step 3.

**YES**

Check ABS solenoid relay. Check for short circuit in harness and connector between ABS solenoid relay and check connector ([See page IN-30](#)).

3 Does ABS warning light go off?

YES

Check for open or short circuit in harness and connector between ECU-IG fuse and ABS ECU (See page IN-30).

NO

4 Check battery voltage.

**PREPARATION:**

Start the engine.

**CHECK:**

Check the battery voltage.

**OK:**

10 – 14 V

NG

Check and repair the charging system.

OK

5 Check ABS warning light.

**PREPARATION:**

(a) Turn the ignition switch OFF.

(b) Disconnect the connector from the ABS ECU.

(c) Turn the ignition switch ON.

**CHECK:**

Check the ABS warning light goes off.

OK

Check and replace ABS ECU.

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Check for short circuit in harness and connector between combination meter and ABS ECU, combination meter and check connector (See page IN-30).