

DTC	Always ON	ABS ECU Malfunction
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CIRCUIT DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
Always ON	Detection of any conditions in 1. and 2.: 1. ABS ECU internal malfunction is detected. 2. There is a malfunction in the ECU internal circuit	<ul style="list-style-type: none"> • Battery • Charging system • Power source circuit • ABS ECU • ABS warning light circuit

INSPECTION PROCEDURE

1	Check that the ABS ECU connectors are securely connected to the ABS ECU.
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NO → **Connect the connector to the ABS ECU.**

YES

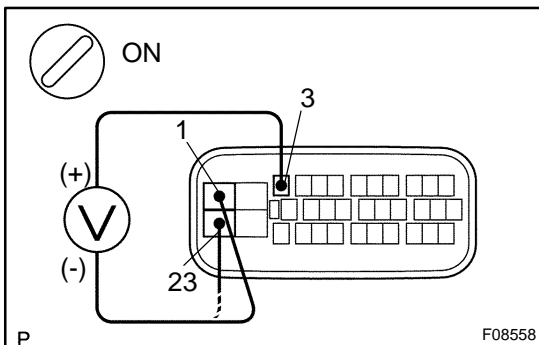
2	Is DTC output?
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Check DTC on page [DI-201](#) .

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

NO

3	Check voltage between terminals IG1 (3) and GND (1, 23) of ABS ECU connector.
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PREPARATION:

Disconnect ABS ECU connector.

CHECK:

- (a) Turn the ignition switch ON.
- (b) Measure voltage between terminals 3 and 1, 23 of ABS ECU harness side connector.

OK:

Voltage: 10 - 14 V

NG → **Check for open and short circuit in harness and connector between ECU-IG fuse and ABS ECU (See page [IN-29](#)).**

OK

4 Check ABS warning light.

In case of using the TOYOTA hand-held tester:

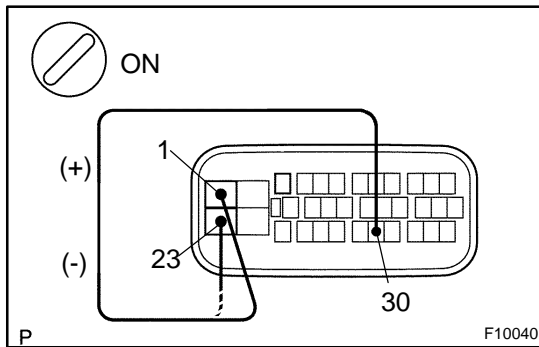
PREPARATION:

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

CHECK:

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

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



PREPARATION:

Disconnect ABS ECU connector.

CHECK:

- (a) Using service wire, connect terminal WA (30) and GND (1, 23) of ABS ECU harness side connector.
- (b) Turn the ignition switch ON.

OK:

ABS warning light go off

OK

Check and replace ABS actuator assembly.

NG

Check for open or short circuit in harness and connector between ABS warning light, DLC3 and ABS ECU (See page [IN-29](#)).