

DTC	Always ON	Skid Control ECU Malfunction IG Power Source Circuit
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CIRCUIT DESCRIPTION

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

DTC No.	DTC Detecting Condition	Trouble Area
Always ON	Detection of any conditions in 1., 2., 3. and 4.: 1. Skid control ECU internal malfunction is detected. 2. IG1 terminal voltage is 7 V or below. 3. ECU connector is not connected. 4. There is a malfunction in ABS warning light circuit	• Battery • Charging system • Power source circuit • ABS warning light circuit • Skid control ECU

INSPECTION PROCEDURE

1	Is DTC output?
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Check DTC on page [DI-220](#) .

YES

Repair circuit indicated by the code output.

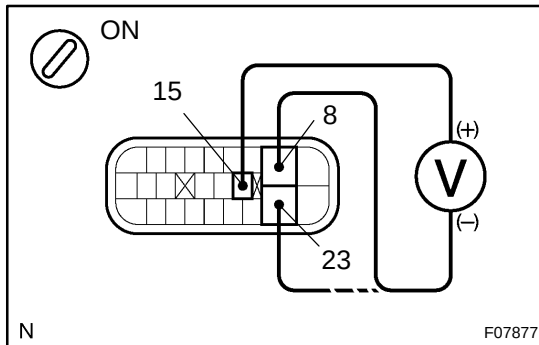
NO

2	Check that the ECU connectors are securely connected to the ECU.
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NO

Connect the connector to the ECU.

YES

3 Check voltage between terminals IG1 and GND of ABS actuator connector.**PREPARATION:**

Disconnect ABS actuator connector.

CHECK:

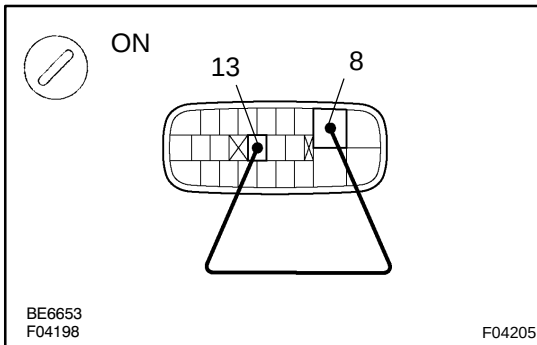
- (a) Turn the ignition switch ON.
- (b) Measure voltage between terminals IG1(15) - GND(8, 23) of ABS actuator harness side connector.

OK:**Voltage: 10 - 14 V****NG**Check for open and short circuit in harness and connector between ECU-IG fuse and ABS actuator (See page [IN-31](#)).**OK****4 Check battery positive voltage.****OK:****Voltage: 10 - 14 V****NG**Check and repair the charging system (See page [CH-2](#)).**OK****5 Check the Tc terminal circuit.****NG**

Repair or replace the Tc terminal circuit.

OK

6 Check operation of the ABS warning light.



CHECK:

- (a) Using service wire, connect terminal WA(13) and GND1(8) of ABS actuator connector.
- (b) Turn the ignition switch ON.

OK:

ABS warning light goes off

OK

Check and replace ABS actuator assembly.

NG

7 Check for open circuit in harness and connector between combination meter and ABS actuator (See page [IN-31](#)).

OK

Repair or replace combination meter assembly.

NG

Repair or replace harness or connector.