

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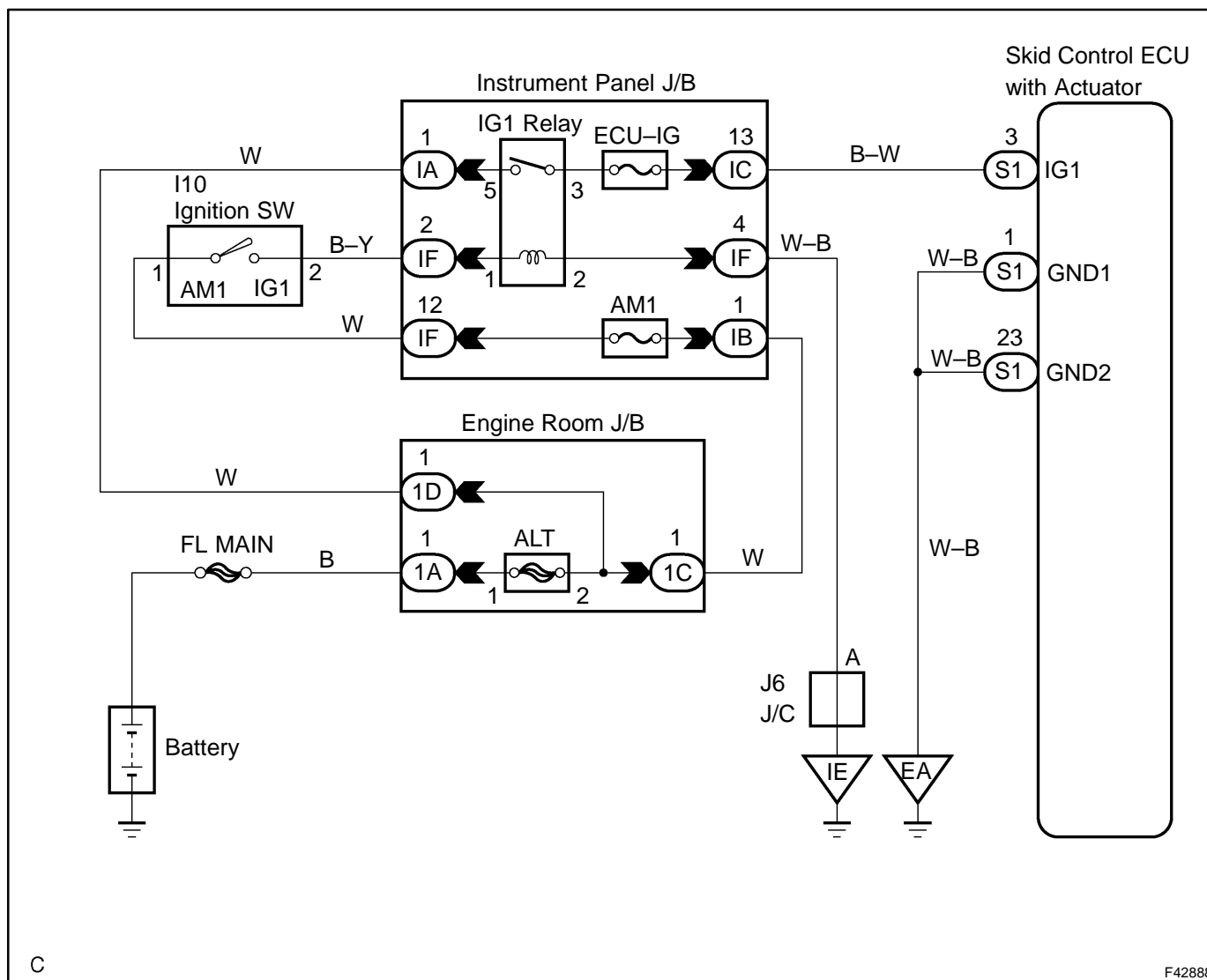
### CIRCUIT DESCRIPTION

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.	<ul style="list-style-type: none"> <li>• Battery</li> <li>• Charging system</li> <li>• Power source circuit</li> <li>• Skid control ECU</li> </ul>

**HINT:**

There is a case that hand-held tester cannot be used when ECU is abnormal.

### WIRING DIAGRAM



C

F42888

## INSPECTION PROCEDURE

### 1 RECONFIRM DTC

(a) Check the DTC (See page 05-297).

**YES** → REPAIR CIRCUIT INDICATED BY OUTPUT CODE

**NO**

### 2 INSPECT SKID CONTROL ECU CONNECTOR SECURELY CONNECTED

**NO** → CONNECT CONNECTOR TO ECU

**YES**

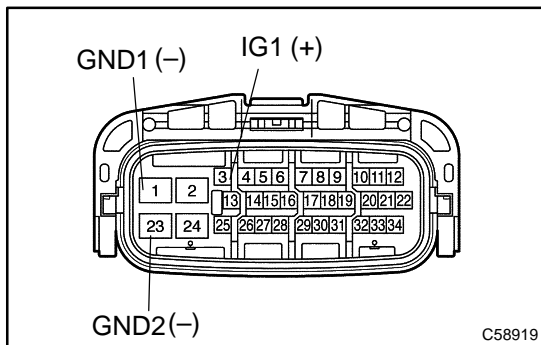
### 3 INSPECT SKID CONTROL ECU CONNECTOR(IG1 TERMINAL VOLTAGE)

#### IN CASE OF USING HAND-HELD TESTER:

(a) Check the voltage condition output from the ECU displayed on the hand-held tester.

**OK:**

"Normal" is displayed.



#### IN CASE OF NOT USING HAND-HELD TESTER:

- (a) Disconnect the skid control ECU connector.
- (b) Turn the ignition switch to ON.
- (c) Measure voltage between terminals IG1 (3) and GND (1, 23) of skid control ECU harness side connector.

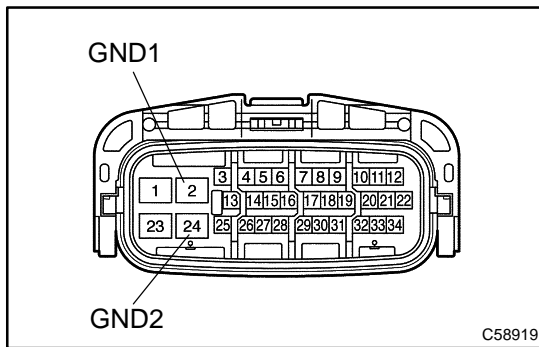
**OK:**

voltage: 10 - 14 V

**OK** → Go to step 5

**NG**

#### 4 INSPECT SKID CONTROL ECU CONNECTOR(GND TERMINAL CONTINUITY)



- (a) Measure resistance between terminal GND (S1-2, 24) of skid control ECU harness side connector and body ground.

**Resistance: 1  $\Omega$  or less**

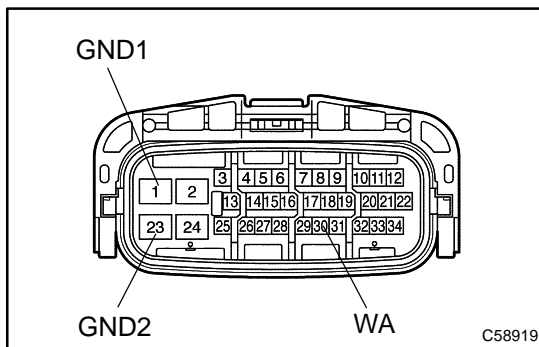
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**REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

#### CHECK AND REPAIR HARNESS AND CONNECTOR

#### 5 GO TO COMBINATION METER SYSTEM(ABS WARNING LIGHT)



- (a) Disconnect the skid control ECU connector.  
 (b) Using service wire, connect terminals WA (30) and GND (1, 23) of skid control ECU harness side connector.  
 (c) Turn the ignition switch to ON.

**OK:**

**ABS warning light goes off.**

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**REPAIR OR REPLACE COMBINATION METER ASSEMBLY**

OK

#### CHECK AND REPLACE BRAKE ACTUATOR ASSY(See page 05-306)