

DTC	AlwaysON	MALFUNCTION IN ABS ECU
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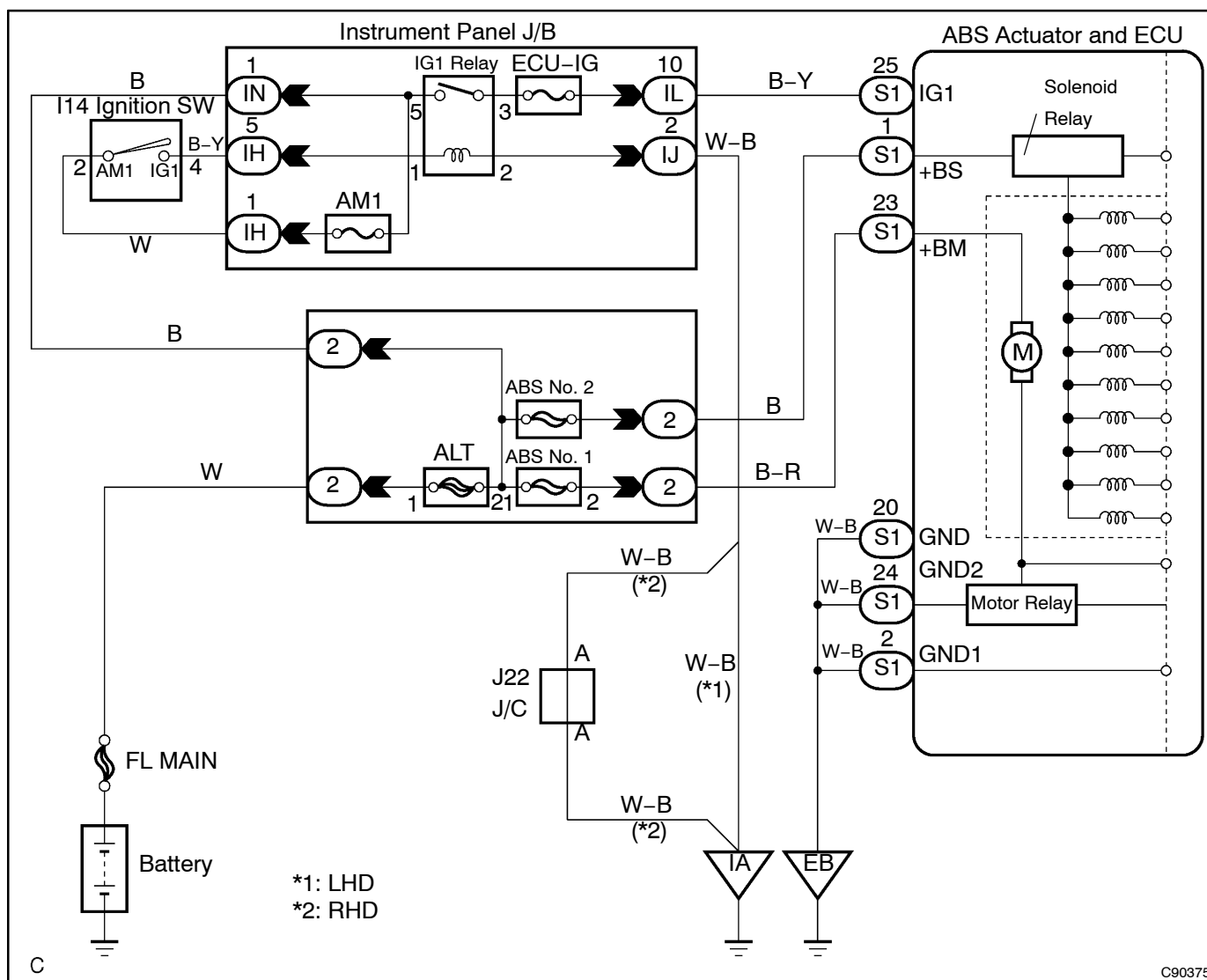
## CIRCUIT DESCRIPTION

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:

In case that ECU is abnormal, hand-held tester may not be used.

## WIRING DIAGRAM



C90375

## INSPECTION PROCEDURE

## 1 INSPECT BRAKE ACTUATOR ASSY CONNECTOR SECURELY CONNECTED

NO → CONNECT CONNECTORS

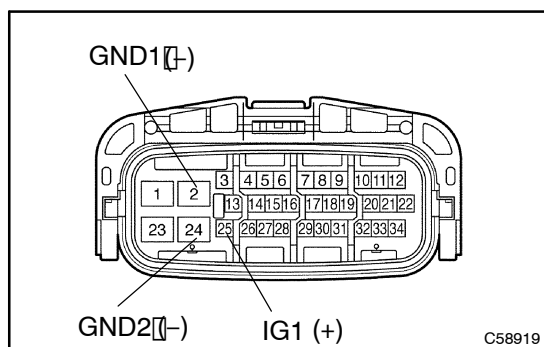
YES

## 2 CHECK RECONFIRM DTC (See page 05-295)

YES → REPAIR CIRCUIT INDICATED BY OUTPUT CODE

NO

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



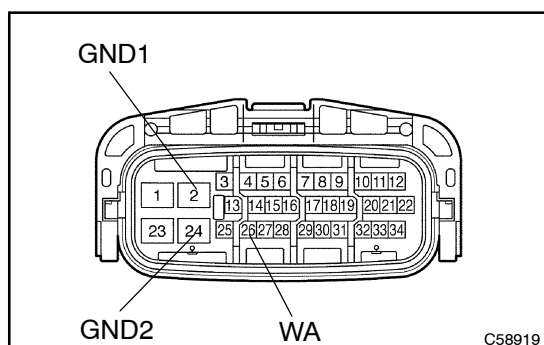
- (a) Disconnect the Skid Control ECU connector.
- (b) Turn the ignition switch to ON.
- (c) Measure voltage between terminals IG1 (A5-25) and GND (A5-2, 24) of Skid Control ECU harness side connector.

**Voltage: 10 – 14 V**

NO → CHECK AND REPAIR HARNESS AND CONNECTOR (BRAKE ACTUATOR ASSEMBLY – ECU-IG FUSE)

OK

## 4 INSPECT COMBINATION METER ASSEMBLY (ABS WARNING LIGHT)



- (a) Disconnect the Skid Control ECU connector.
- (b) Using service wire, connect terminals WA (A5 – 26) and GND (A5 – 2, 24) of Skid Control ECU harness side connector.

- (c) Turn the ignition switch to ON.

**OK:****ABS warning light goes off.**

NG → REPAIR OR REPLACE COMBINATION METER ASSEMBLY

OK

**5 INSPECT ABS WARNING LIGHT**

- (a) Turn the ignition switch to OFF.
- (b) Disconnect the service wire from the Skid Control ECU.
- (c) Turn the ignition switch to ON.
- (d) Check the ABS warning light.

**OK:****ABS warning light goes ON****OK****CHECK AND REPLACE BRAKE ACTUATOR ASSY****NG****CHECK AND REPAIR HARNESS AND CONNECTOR (ABS WARNING LIGHT - DLC3 - BRAKE ACTUATOR ASSEMBLY)**