

DTC	Always ON	Malfunction in ECU IG Power Source Circuit
------------	------------------	---

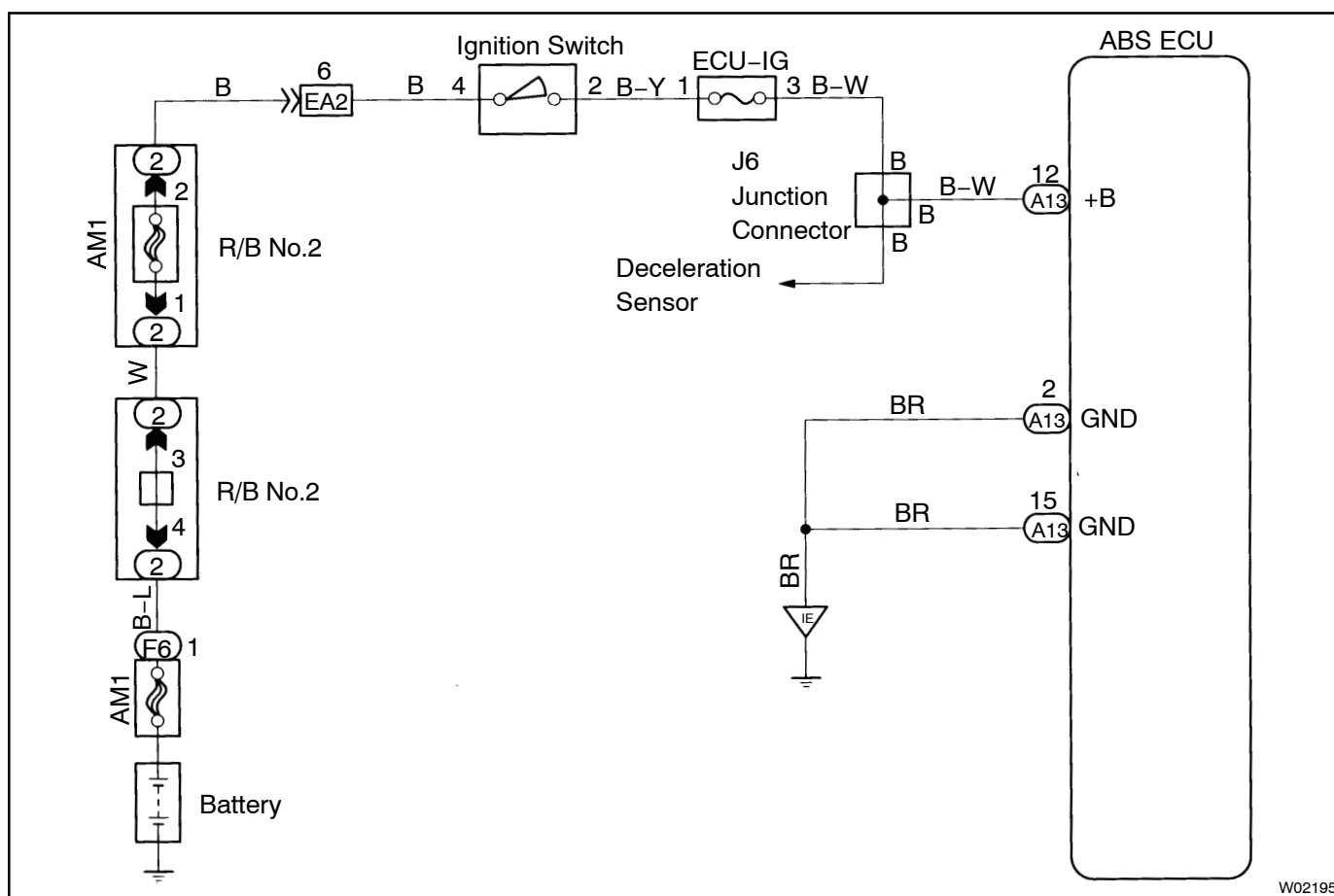
CIRCUIT DESCRIPTION

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

DTC No.	DTC Detecting Condition	Trouble Area
Always ON	Voltage of ECU terminal +B remains at more than 17 V or below 9.5 V.	• Battery • IC regulator • Open or short in power source circuit • ECU

Fail safe function: If trouble occurs in the power source circuit, the ECU cuts off current to the ABS control (solenoid) relay and prohibits ABS control.

WIRING DIAGRAM



W02195

INSPECTION PROCEDURE

1	Is DTC output?
----------	-----------------------

Check DTC on page [DI-189](#).

YES

Repair circuit indicated by the code output.

NO

2	Is normal code displayed?
----------	----------------------------------

YES

Check ABS solenoid relay. Check for short in harness and connector between ABS solenoid relay and DLC1 (See page [IN-27](#)).

NO

3	Is ABS warning light go off?
----------	-------------------------------------

YES

Check for open or short in harness and connector between ECU-IG fuse and ECU (See page [IN-27](#)).

NO

4 Check battery positive voltage.**PREPARATION:**

Start the engine.

CHECK:

Check the battery positive voltage.

OK:

Voltage: 10 – 16 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.****NG**

Check for short in harness and connector between combination meter and ABS ECU, combination meter and DLC1 (See page [IN-27](#)).