

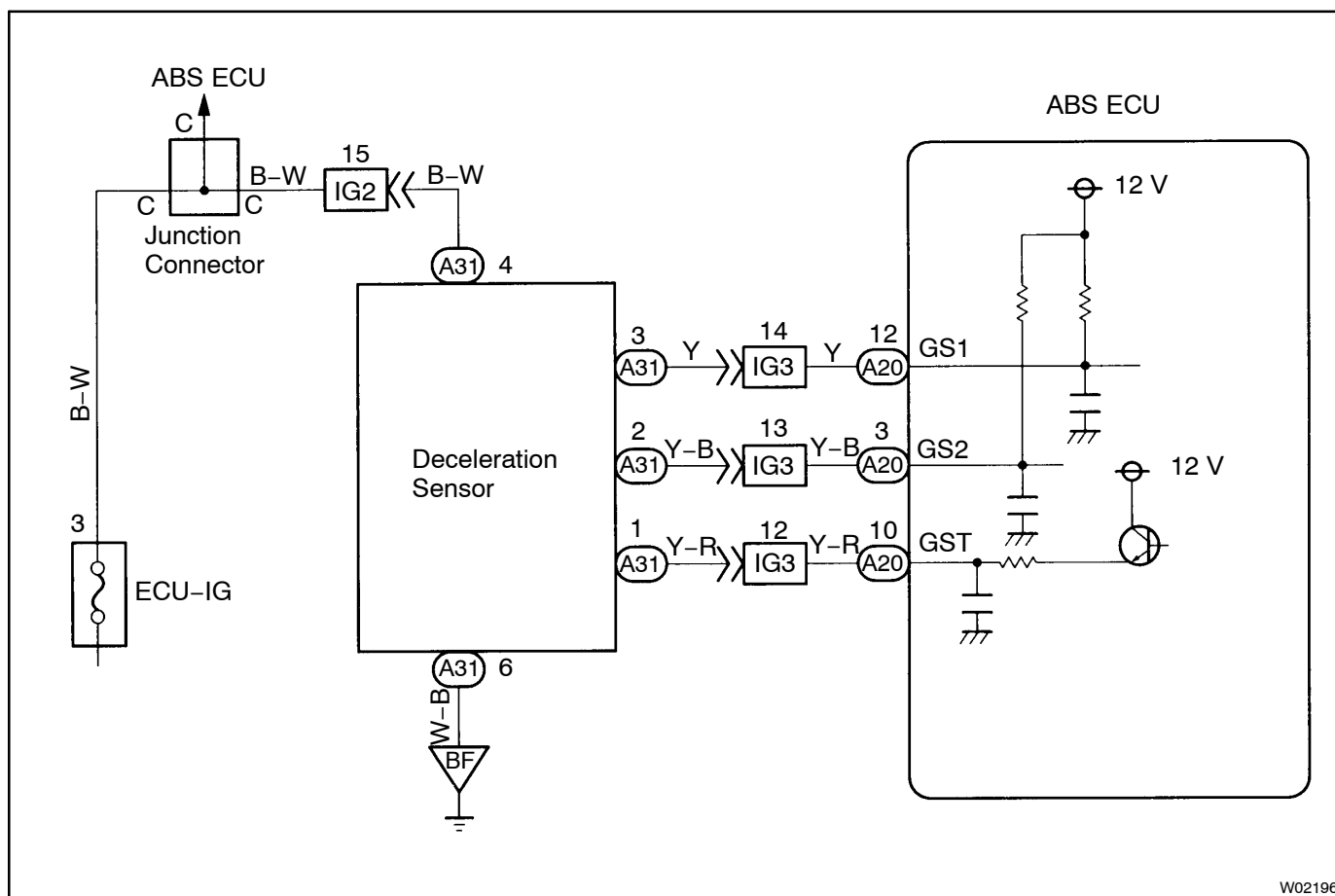
DTC	44	Deceleration Sensor Circuit
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CIRCUIT DESCRIPTION

This sensor detects deceleration on the vehicle. The sensor signal is used in ABS control. If the sensor functions abnormally, the ABS warning light comes on but the ABS still operates.

DTC No.	DTC Detection Condition	Trouble Area
44	Either of the following (a) or (b) is detected: (a) An open or short is detected in circuit GS1 or GS2 for 1 sec. (b) After the ignition is turned ON, the test signal is output by GST. During this time, a trouble signal is detected for 0.5 sec.	• Deceleration sensor • Open or short in deceleration sensor circuit

WIRING DIAGRAM



W02196

INSPECTION PROCEDURE

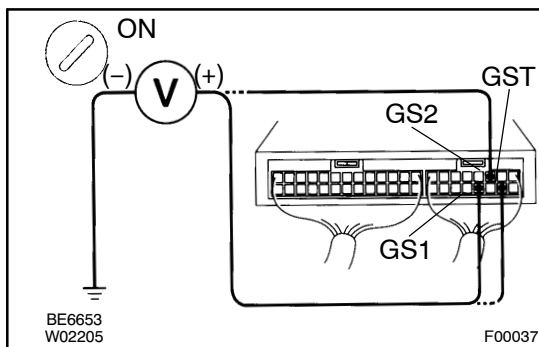
- 1** Check for open and short in harness and connector between Deceleration sensor and ECU (See page [IN-27](#)).

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Repair or replace harness or connector.

OK

- 2** Check voltage between terminals GS1, GS2, GST of ABS ECU and body ground.

**PREPARATION:**

- (a) Remove the ABS ECU with connectors still connected.
- (b) Disconnect the deceleration sensor connector.
- (c) Turn the ignition switch ON.

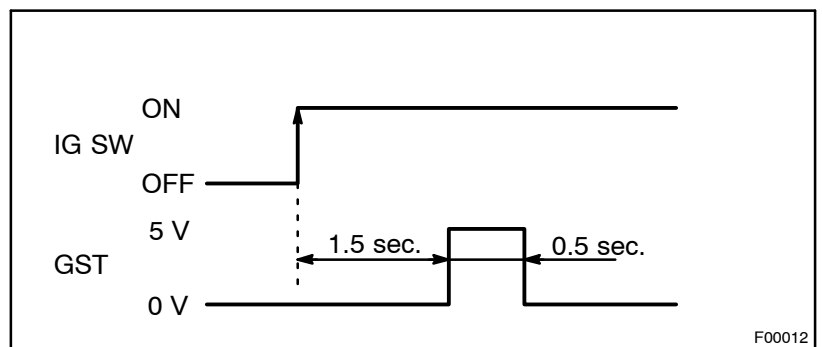
CHECK:

Measure the voltage between terminals GS1, GS2, GST of ECU and Body ground.

OK:**Voltage:**

GS1, GS2: 4 – 14 V

GST: As shown below



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Check and replace ABS ECU.

OK

Check and replace deceleration sensor.