DI1JE–02

DTC	44	Deceleration Sensor Circuit

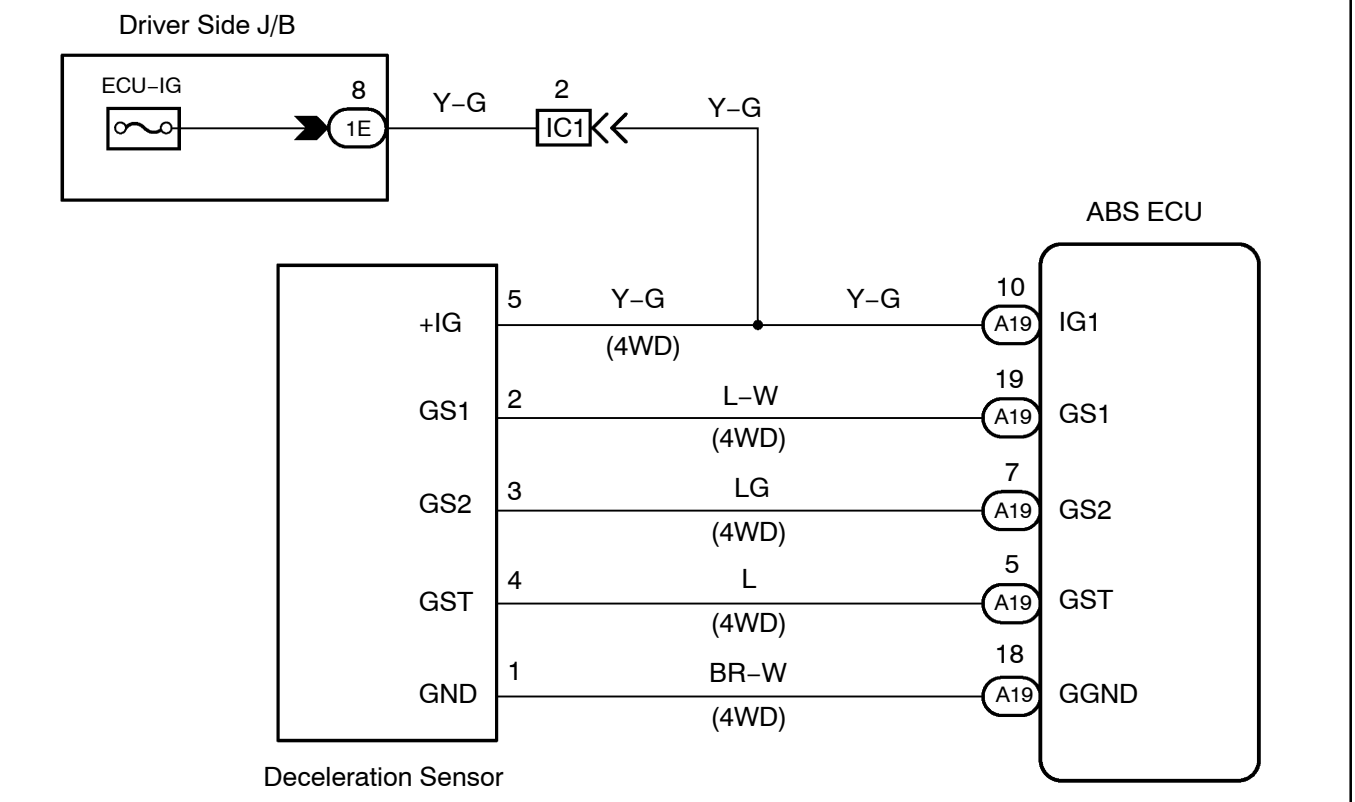
CIRCUIT DESCRIPTION

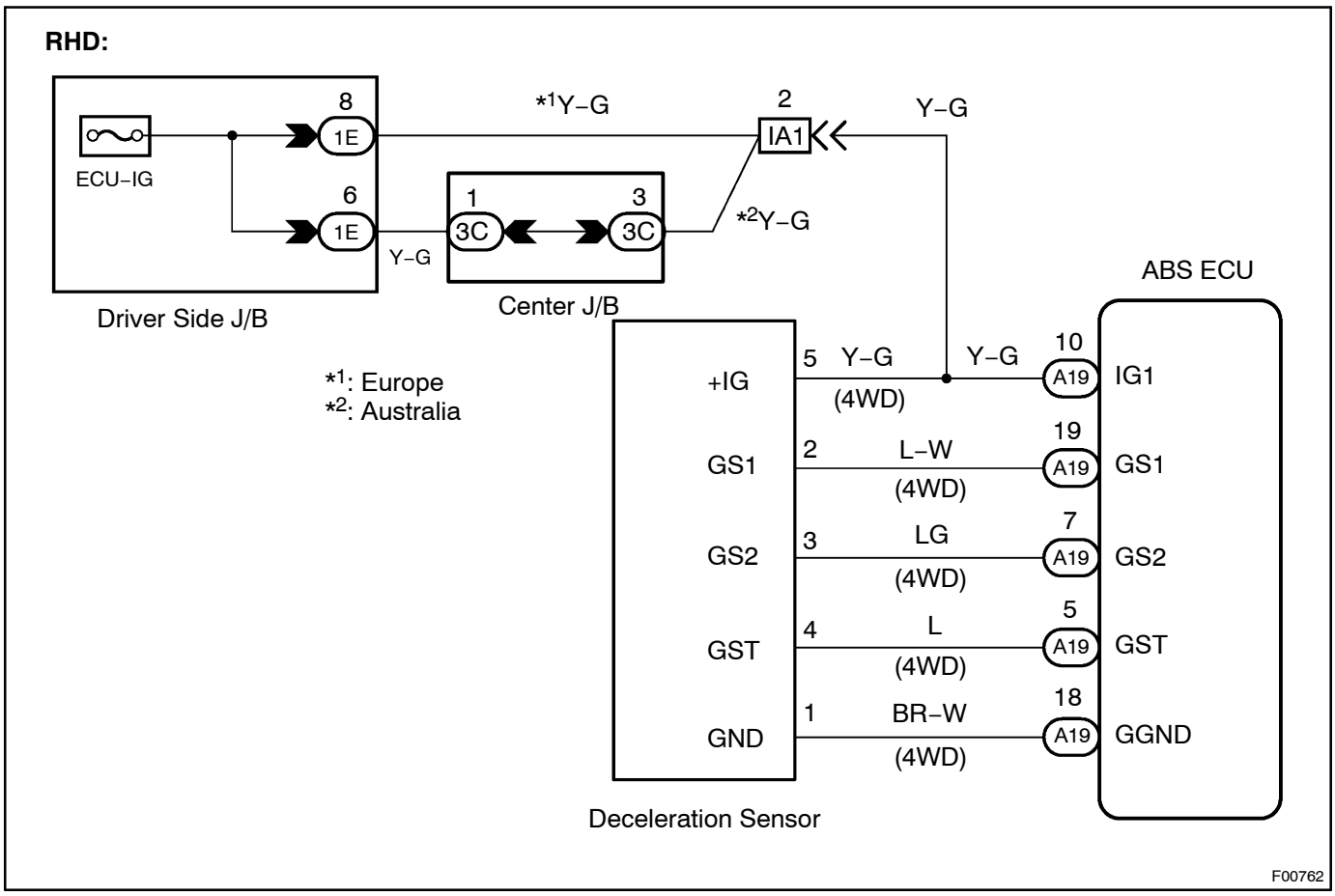
This sensor detects deceleration on the vehicle. The sensor signal is used in ABS control. If the sensor functions abnormally, the ABS warning light comes on but the ABS still operates.

DTC No.	DTC Detecting Condition	Trouble Area
44	Either of the following (1) or (2) is detected: (1) An open or short is detected in circuit GS1 or GS2 for 1sec. (2) 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 • ECU

WIRING DIAGRAM

LHD:





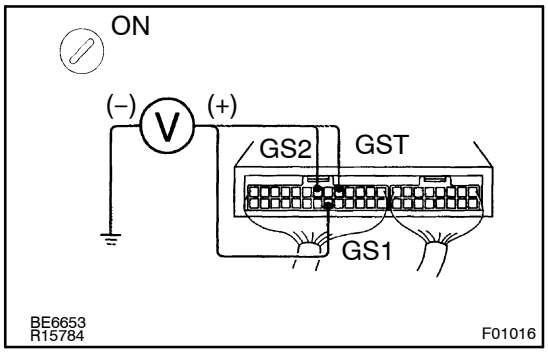
INSPECTION PROCEDURE

1	**Check for open and short in harness and connector between deceleration sensor and ECU (See page IN–26).**

NG → **Repair or replace harness or connector.**

OK

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



PREPARATION:

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

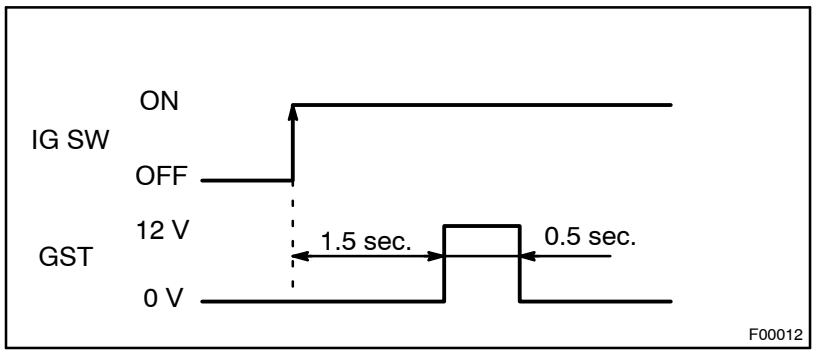
CHECK:

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

OK:

Voltage:

GS1, GS2: About 5 V
GST: As shown below



NG → **Check and replace ABS ECU (See page IN–26).**

OK →

Check and replace deceleration sensor.