

<b>DTC</b>	<b>C1244 / 44</b>	<b>Deceleration Sensor Circuit</b>
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## CIRCUIT DESCRIPTION

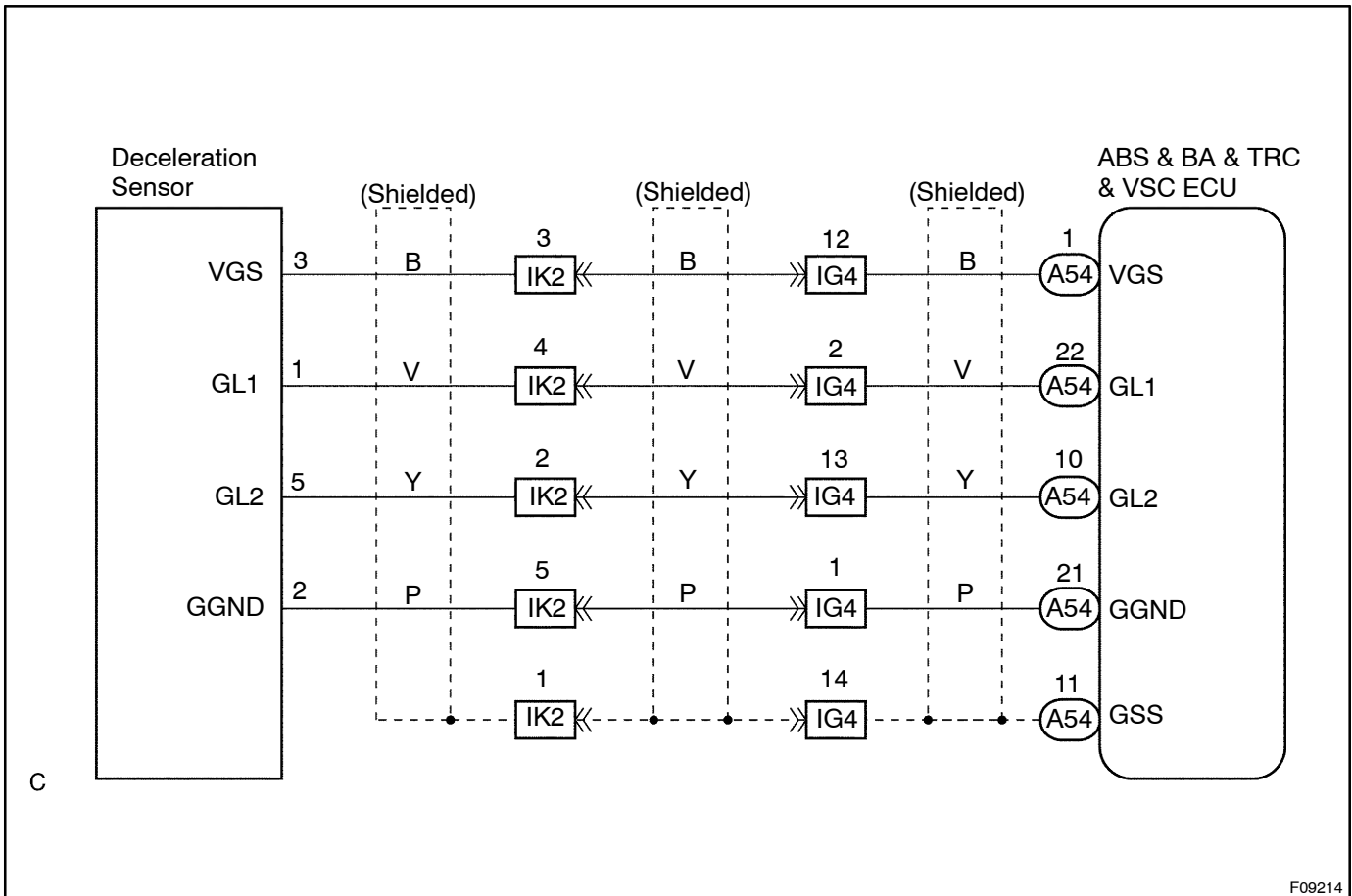
This sensor detects deceleration on the vehicle. The sensor signal is used in ABS & BA & TRC & VSC control. If the sensor functions abnormally, the ABS warning light comes on.

DTC No.	DTC Detecting Condition	Trouble Area
C1244 / 44	<p>Either of the following 1., 2., 3. or 4. is detected:</p> <ol style="list-style-type: none"> <li>1. The condition that ECU terminals GL1 and GL2 values are -1.5 G or less or 1.5 G or more continues for 1.2 sec. or more.</li> <li>2. The condition that the deceleration sensor terminal VGS voltage is 4.4 V or less or 5.6 V or more continues for 1.2 sec. or more.</li> <li>3. At the vehicle speed of 0 km/h (0 mph), after the difference of output value between deceleration sensor terminals GL1 and GL2 becomes 0.6 G or more, and the condition that does not become 0.4 G or less continues for 60 sec. or more.</li> <li>4. Deceleration sensor signal momentary open occurs for 7 times or more.</li> </ol>	<ul style="list-style-type: none"> <li>• Deceleration sensor</li> <li>• Deceleration sensor circuit</li> </ul>

Fail safe function:

If trouble occurs in the deceleration sensor circuit, the ECU cuts off current to the ABS solenoid relay and prohibits ABS & BA & TRC & VSC controls and the brake system becomes normal.

## WIRING DIAGRAM



## INSPECTION PROCEDURE

- 1 Check for open and short circuit in harness and connector between deceleration sensor and ABS & BA & TRC & VSC ECU (See page IN-35).

NG

Repair or replace harness or connector.

OK

- 2 Check deceleration sensor (See page DI-4).

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Replace deceleration sensor.

OK

Check and replace ABS & BA & TRC & VSC ECU.