

DTC	C 1244 / 44	Deceleration Sensor Circuit
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CIRCUIT DESCRIPTION

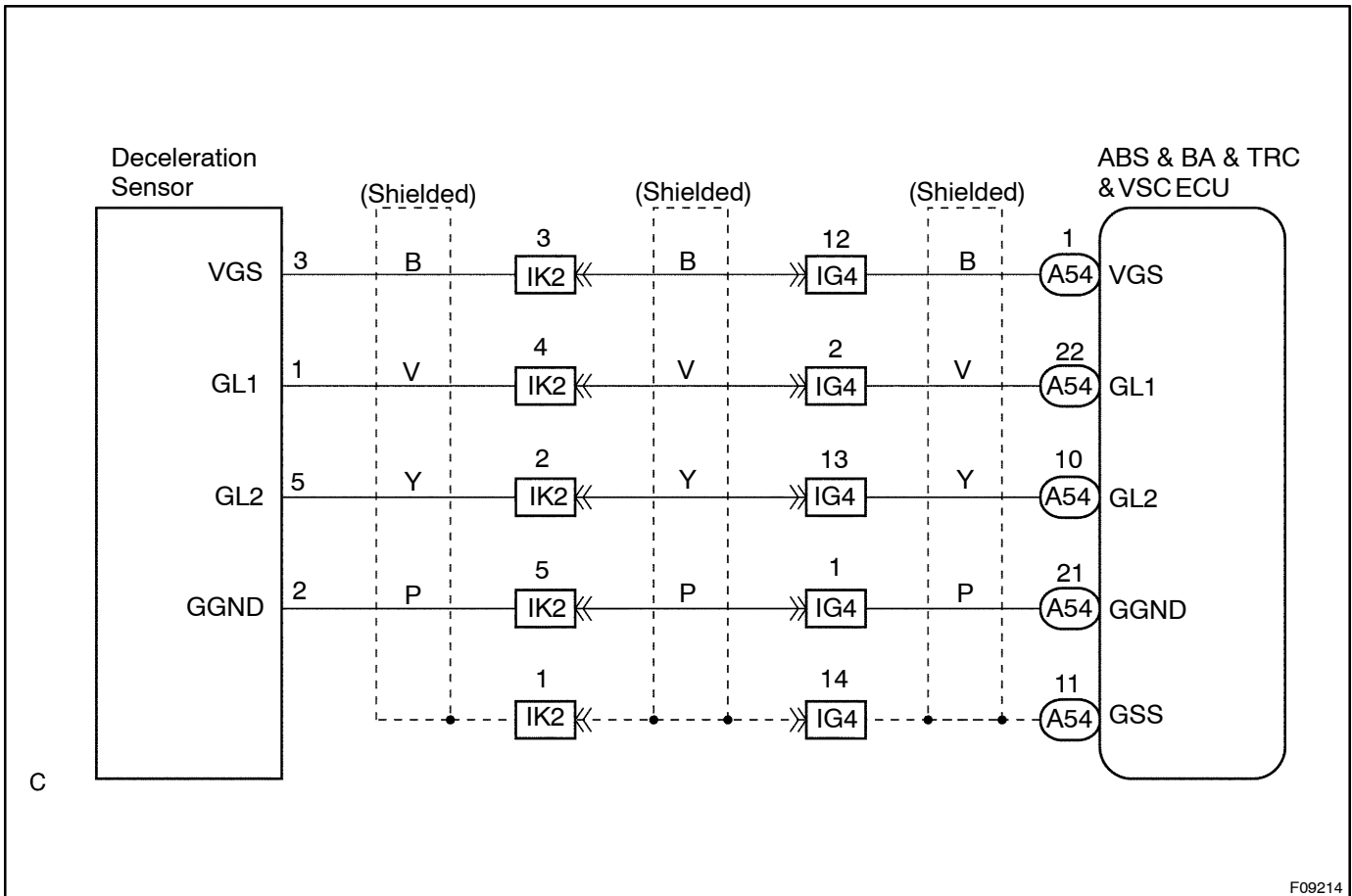
This sensor detects deceleration on the vehicle. The sensor signal is used in ABS & BA & TRC & VSC control. If the sensor functions abnormally, the ABS warning light comes on.

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"> 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. 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. 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. 4. Deceleration sensor signal momentary open occurs for 7 times or more. 	<ul style="list-style-type: none"> • Deceleration sensor • Deceleration sensor circuit

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

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

OK

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

OK

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