

DTC	C1244 / 44	Deceleration Sensor Circuit
-----	------------	-----------------------------

CIRCUIT DESCRIPTION

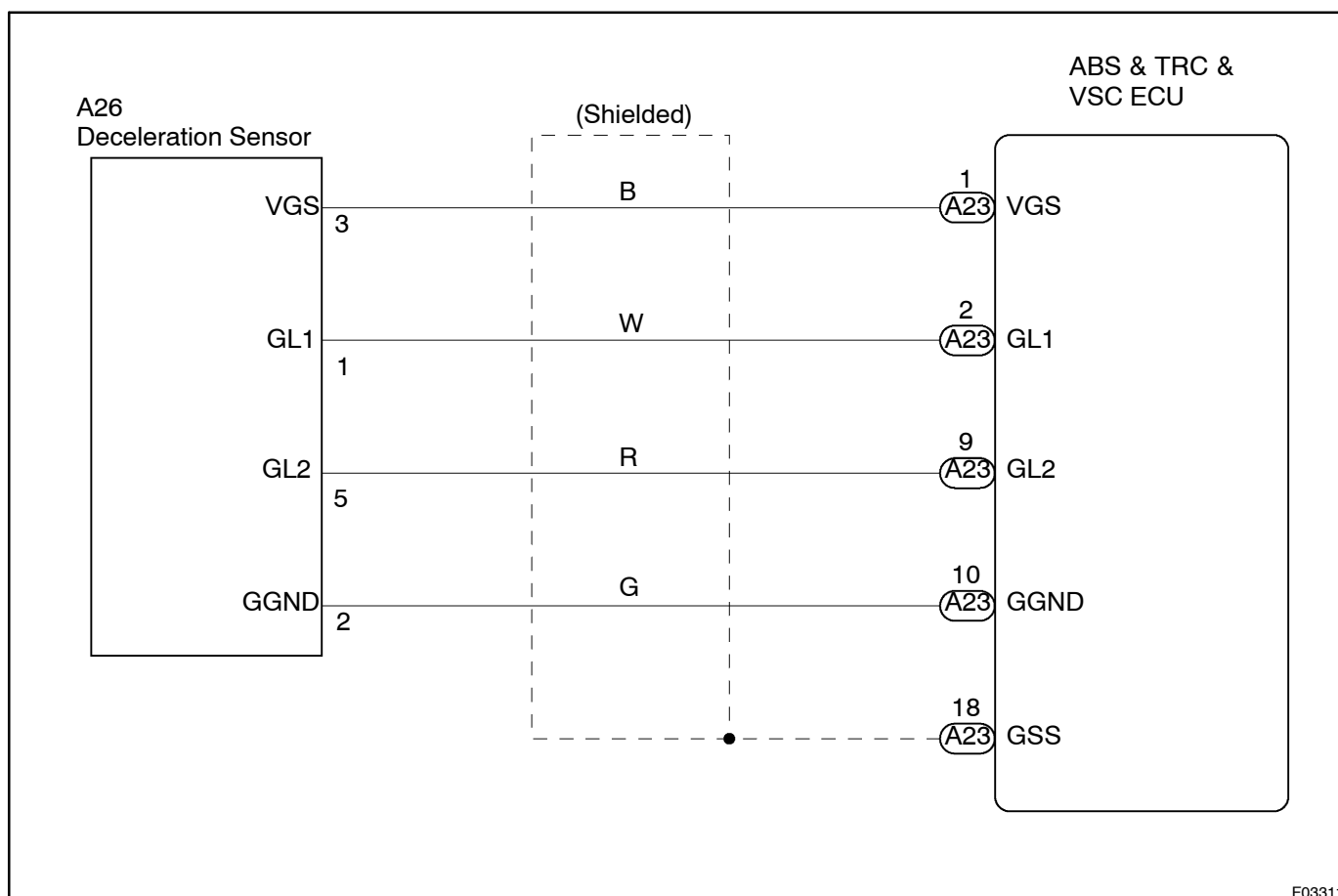
This sensor detects deceleration on the vehicle. The sensor signal is used in ABS & TRC & VSC control. If the sensor functions abnormally, the ABS warning light comes on.

DTC No.	DTC Detecting Condition	Trouble Area
C1244/44	<p>Either of the following (1), (2), (3) or (4) is detected:</p> <p>(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 secs. or more.</p> <p>(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 secs. or more.</p> <p>(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 secs. or more.</p> <p>(4) Deceleration sensor signal momentary open occurs for 7 times or more.</p>	<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 & 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 & TRC & VSC ECU (See page IN-29).

NG

Repair or replace harness or connector.

OK

- 2 Check deceleration sensor (See page DI-210).

NG

Replace deceleration sensor.

OK

Check and replace ABS & TRC & VSC ECU.