

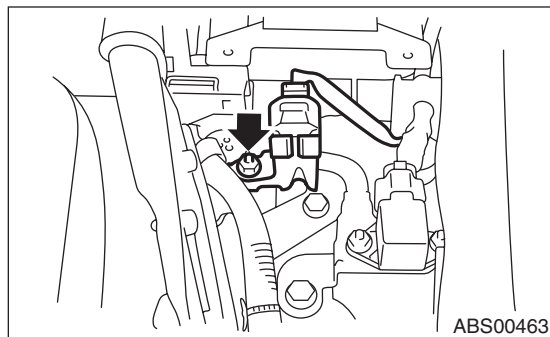
8. G Sensor

A: REMOVAL

- 1) Disconnect the ground cable from the battery.
- 2) Remove the console box.
<Ref. to EI-51, REMOVAL, Console Box.>
- 3) Disconnect the connector from G sensor.
- 4) Remove the G sensor from the body.

CAUTION:

- Do not drop or bump the G sensor.
- The G sensor integrated with the bracket. Do not disassemble.



B: INSTALLATION

Install in the reverse order of removal.

CAUTION:

Do not drop or bump the G sensor.

Tightening torque:

7.5 N·m (0.76 kgf-m, 5.5 ft-lb)

C: INSPECTION

Step	Check	Yes	No
1 CHECK G SENSOR. 1) Turn the ignition switch to OFF. 2) Connect the Subaru Select Monitor to the data link connector. 3) Set the Subaru Select Monitor to the {Brake Control} mode. 4) Set the display in the {Current Data Display & Save} mode. 5) Read the G sensor output value.	Is the value $-1.2 \text{ — } 1.2 \text{ m/s}^2$ when the vehicle is in horizontal position?	Go to step 2.	Repair the harness connector between the G sensor and ABSCM&H/U. Or replace G sensor.
2 CHECK G SENSOR. 1) Remove the console box. 2) Remove the G sensor from vehicle. (Do not disconnect the connector.) 3) Read the Subaru Select Monitor display.	Is the value $8.1 \text{ — } 11.2 \text{ m/s}^2$ when G sensor is inclined forward to 90° ?	Go to step 3.	Repair the harness connector between the G sensor and ABSCM&H/U. Or replace G sensor.
3 CHECK G SENSOR. Read the Subaru Select Monitor display.	Is the value $-8.1 \text{ — } -11.2 \text{ m/s}^2$ when G sensor is inclined backward 90° ?	G sensor is normal.	Repair the harness connector between the G sensor and ABSCM&H/U. Or replace G sensor.

ABS (DIAGNOSTICS)

ABS(diag)

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