

## 8. G Sensor

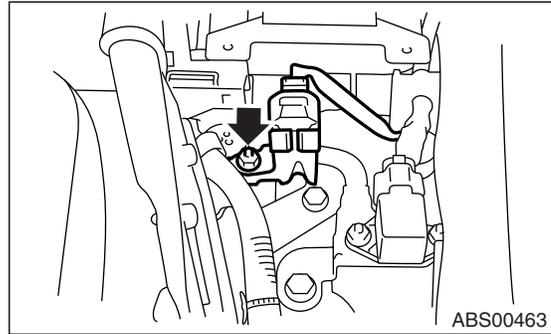
### A: REMOVAL

- 1) Disconnect the ground cable from battery.
- 2) Remove the console box.  
<Ref. to EI-53, REMOVAL, Console Box.>
- 3) Disconnect the connector from G sensor.
- 4) Remove the G sensor from body.

**CAUTION:**

- Do not drop or bump the G sensor.

- Since G sensor is a unit with the bracket, do not disassemble them.



### 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
<b>1 CHECK G SENSOR.</b> 1) Turn the ignition switch to OFF. 2) Connect the Subaru Select Monitor to 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 G sensor and ABSCM&H/U. Or replace G sensor.
<b>2 CHECK G SENSOR.</b> 1) Remove the console box. 2) Remove the G sensor from vehicle. (Do not disconnect 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 $90^\circ$ ?	Go to step 3.	Repair the harness connector between G sensor and ABSCM&H/U. Or replace G sensor.
<b>3 CHECK G SENSOR.</b> Read the Subaru Select Monitor display.	Is the value $-8.1 \text{ — } -11.2 \text{ m/s}^2$ when G sensor is inclined backward to $90^\circ$ ?	G sensor is normal.	Repair the harness connector between G sensor and ABSCM&H/U. Or replace G sensor.