

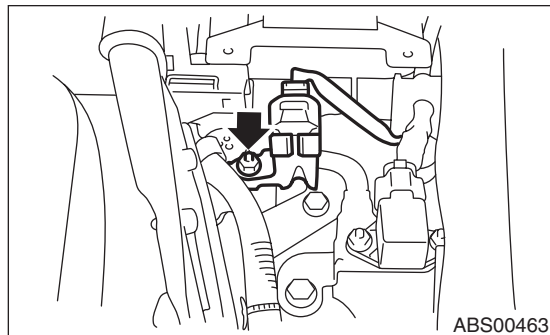
8. G Sensor

A: REMOVAL

- 1) Disconnect the ground cable from battery.
- 2) Remove the console box.
<Ref. to EI-52, 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)

	Page
1. Basic Diagnostic Procedure	2
2. Check List for Interview	4
3. General Description	8
4. Electrical Component Location	10
5. Control Module I/O Signal	12
6. Subaru Select Monitor	15
7. Read Diagnostic Trouble Code (DTC)	23
8. Inspection Mode	24
9. Clear Memory Mode	25
10. ABS Warning Light / Brake Warning Light Illumination Pattern	26
11. List of Diagnostic Trouble Code (DTC)	34
12. Diagnostic Procedure with Diagnostic Trouble Code (DTC)	36
13. General Diagnostic Table	67