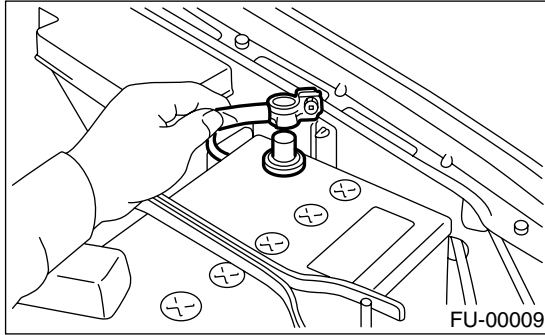


27.G Sensor

A: REMOVAL

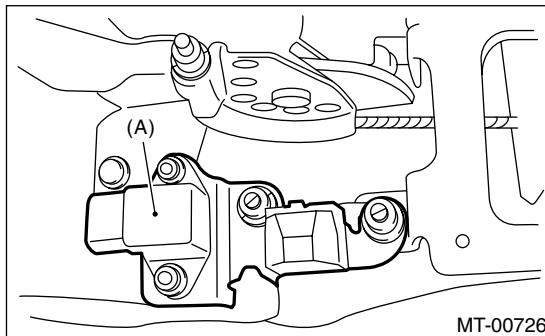
- 1) Disconnect the ground cable from battery.



- 2) Remove the console cover.
<Ref. to EI-43, 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.



(A) G sensor

B: INSTALLATION

Install in the reverse order of removal.

CAUTION:

Do not drop or bump the G sensor.

Tightening torque:

18 N·m (1.8 kgf-m, 13.0 ft-lb)

G SENSOR

MANUAL TRANSMISSION AND DIFFERENTIAL

C: INSPECTION

	Step	Check	Yes	No
1	CHECK G SENSOR. 1) Turn the ignition switch to OFF. 2) Remove the G sensor from vehicle. 3) Connect the connector to G sensor. 4) Turn the ignition switch to ON. 5) Measure the voltage between G sensor connector terminals. Connector & terminal (B338) No. 2 (+) — No. 3 (-):	Is the voltage 2.3 ± 0.2 V when G sensor is horizontal?	Go to step 2.	Replace the G sensor.
2	CHECK G SENSOR. Measure the voltage between G sensor connector terminals. Connector & terminal (B338) No. 2 (+) — No. 3 (-):	Is the voltage 3.9 ± 0.2 V when G sensor is inclined forwards to 90° ?	Go to step 3.	Replace the G sensor.
3	CHECK G SENSOR. Measure the voltage between G sensor connector terminals. Connector & terminal (B338) No. 2 (+) — No. 3 (-):	Is the voltage 0.7 ± 0.2 V when G sensor is inclined backwards to 90° ?	G sensor is normal.	Replace the G sensor.