E: INSTALLATION

1) Install ABSCM&H/U.

CAUTION:
Confirm that the specifications of the ABSCM&H/U conforms to the vehicle specifications.

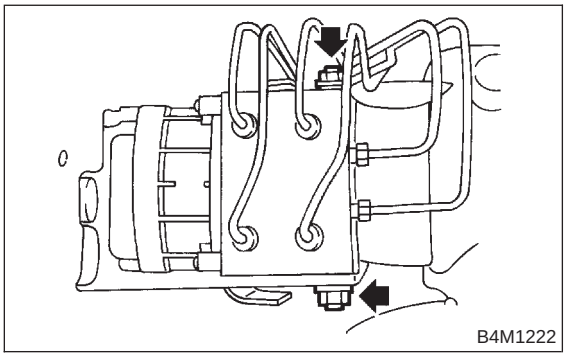
Tightening torque:
18±5 N·m (1.8±0.5 kg-m, 13.0±3.6 ft-lb)

2) Install ABSCM&H/U ground terminal to bracket.

Tightening torque:
32±10 N·m (3.3±1.0 kg-m, 24±7 ft-lb)

3) Connect brake pipes to their correct ABSCM&H/U connections.

Tightening torque:
$15^{+3}/_{-2}$ N·m ($1.5^{+0.3}/_{-0.2}$ kg-m, $10.8^{+2.2}/_{-1.4}$ ft-lb)


B4M1222

4) Using cable clip, secure ABSCM&H/U harness to bracket.
5) Connect connector to ABSCM&H/U.

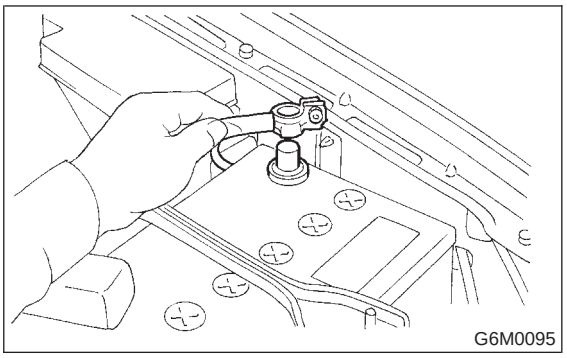
CAUTION:
● Be sure to remove all foreign matter from inside the connector before connecting.
● Ensure that the ABSCM&H/U connetor is securely locked.

6) Install air intake duct.
7) Connect ground cable to battery.
8) Bleed air from the brake system.

16. G Sensor

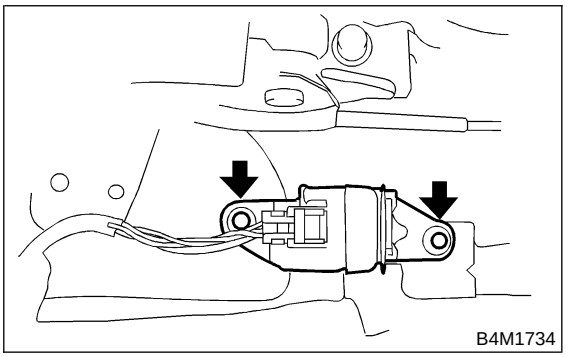
A: REMOVAL AND INSTALLATION

1) Disconnect battery ground cable.


G6M0095

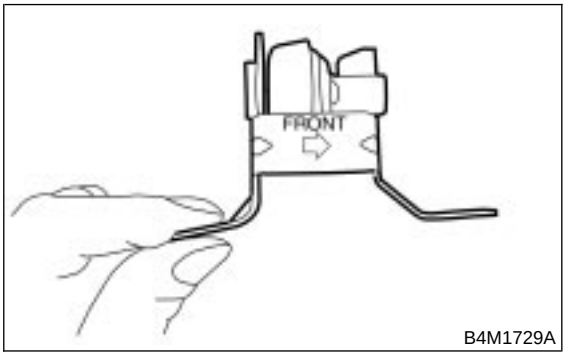
2) Remove console cover. <Ref. to 5-4 [W1A0].>
3) Disconnect connector from G sensor.
4) Remove G sensor from body.

CAUTION:
Do not drop or bump G sensor.


B4M1734

5) To install, reverse the removal procedure.

NOTE:
Do not install G sensor in the wrong direction. There is an arrow mark on the sensor showing which side faces the vehicle front.



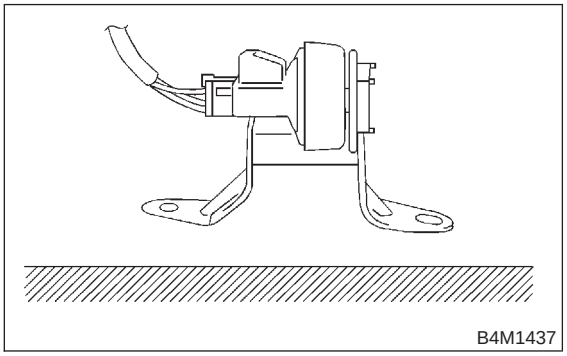
B4M1729A

B: INSPECTION WITH CIRCUIT TESTER

16B1 : CHECK G SENSOR.

1) Turn ignition switch to OFF.
2) Remove G sensor from vehicle.
3) Connect connector to G sensor.
4) Turn ignition switch to ON.
5) Measure voltage between G sensor connector terminals.

Connector & terminal:
(R70) No. 2 (+) — No. 3 (−)

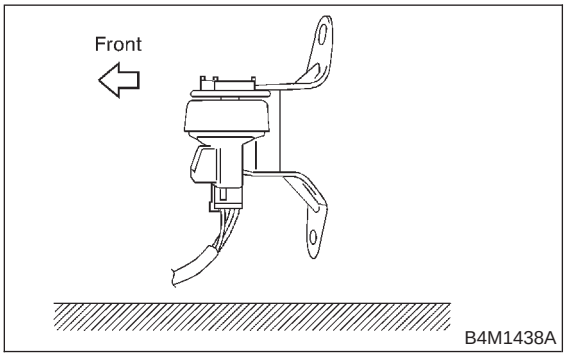


CHECK : ***Is the voltage 2.3±0.2 V when G sensor is horizontal?***
YES : Go to step **16B2**.
NO : Replace G sensor.

16B2 : CHECK G SENSOR.

Measure voltage between G sensor connector terminals.

Connector & terminal:
(R70) No. 2 (+) — No. 3 (−)

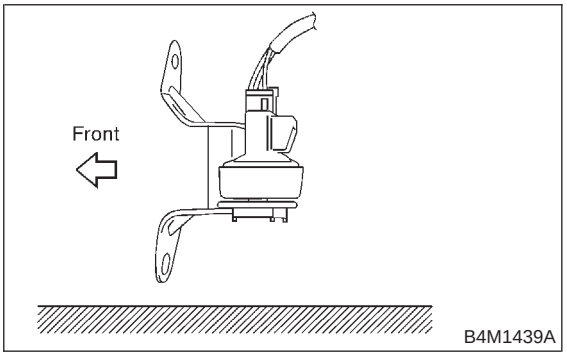


CHECK : ***Is the voltage 3.9±0.2 V when G sensor is inclined forwards to 90°?***
YES : Go to step **16B3**.
NO : Replace G sensor.

16B3 : CHECK G SENSOR.

Measure voltage between G sensor connector terminals.

Connector & terminal:
(R70) No. 2 (+) — No. 3 (−)



CHECK : ***Is the voltage 0.7±0.2 V when G sensor is inclined backwards to 90°?***
YES : G sensor is normal.
NO : Replace G sensor.

C: INSPECTION WITH SELECT MONITOR

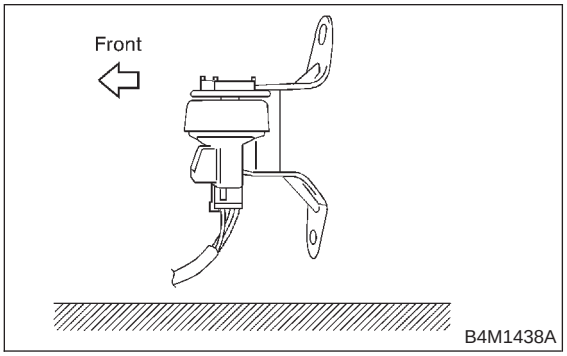
16C1 : CHECK G SENSOR.

1) Turn ignition switch to OFF.
2) Connect select monitor connector to data link connector.
3) Turn select monitor into {BRAKE CONTROL} mode.
4) Set the display in the {Current Data Display & Save} mode.
5) Read the G sensor output voltage.

CHECK : ***Is the indicated reading 2.3±0.2 V when the vehicle is in horizontal position?***
YES : Go to step **16C2**.
NO : Replace G sensor.

16C2 : CHECK G SENSOR.

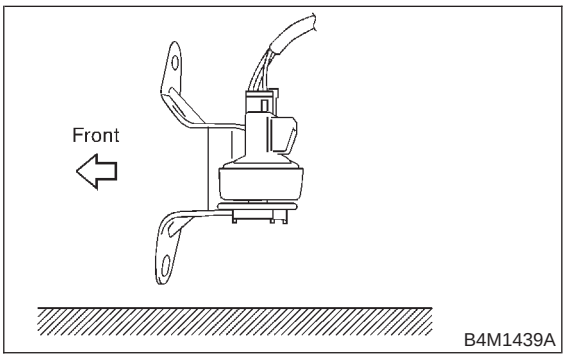
1) Remove console box.
2) Remove G sensor from vehicle. (Do not disconnect connector.)
3) Read the select monitor display.



CHECK : ***Is the indicated reading 3.9±0.2 V when G sensor is inclined forwards to 90°?***
YES : Go to step **16C3**.
NO : Replace G sensor.

16C3 : CHECK G SENSOR.

Read the select monitor display.



CHECK : ***Is the indicated reading 0.7±0.2 V when G sensor is inclined backwards to 90°?***
YES : G sensor is normal.
NO : Replace G sensor.