

E: INSTALLATION

1) Install ABSCM&H/U.

CAUTION:

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

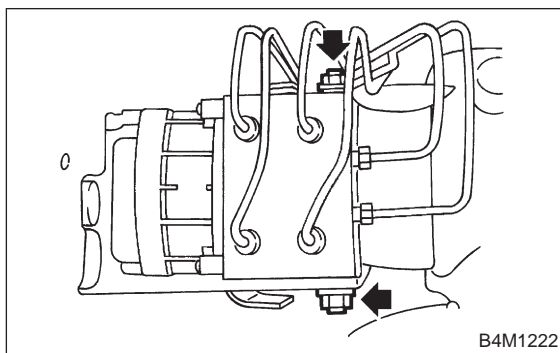
Tightening torque:

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

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

Brake pipe tightening torque:

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



3) Using cable clip, secure ABSCM&H/U harness to bracket.

4) 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 connector is securely locked.

5) Install air intake duct.

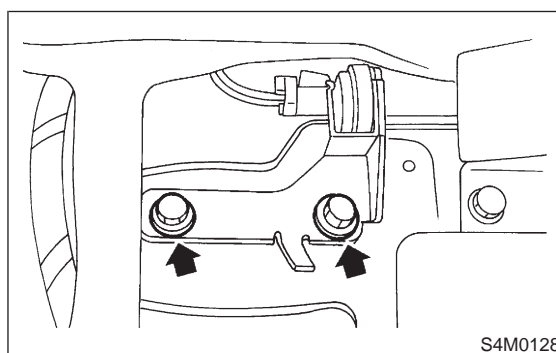
6) Connect ground cable to battery.

7) Bleed air from the brake system.

15. G Sensor

A: REMOVAL AND INSTALLATION

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



5) To install, reverse the removal procedure.

CAUTION:

Do not drop or bump G sensor.

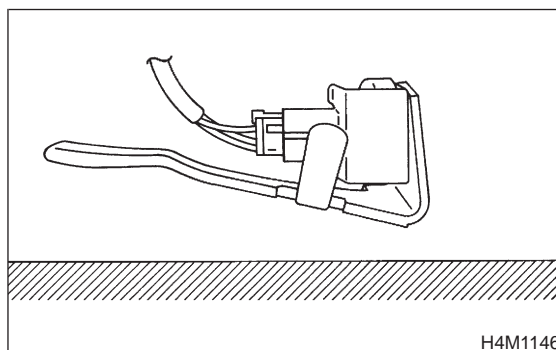
B: INSPECTION WITH CIRCUIT TESTER

15B1 : 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?

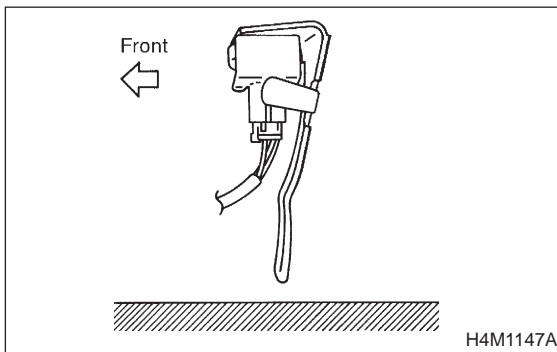
YES : Go to step 15B2.

NO : Replace G sensor.

15B2 : 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° ?*

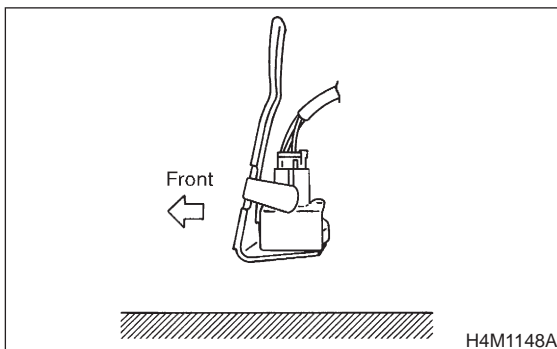
YES : Go to step 15B3.

NO : Replace G sensor.

15B3 : 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

15C1 : CHECK G SENSOR.

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

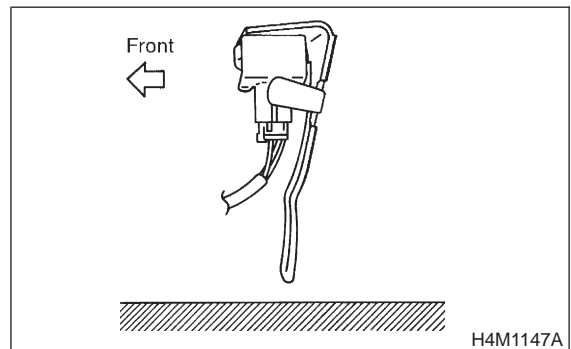
CHECK : *Is the indicated reading 2.3 ± 0.2 V when the vehicle is in horizontal position?*

YES : Go to step 15C2.

NO : Replace G sensor.

15C2 : CHECK G SENSOR.

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



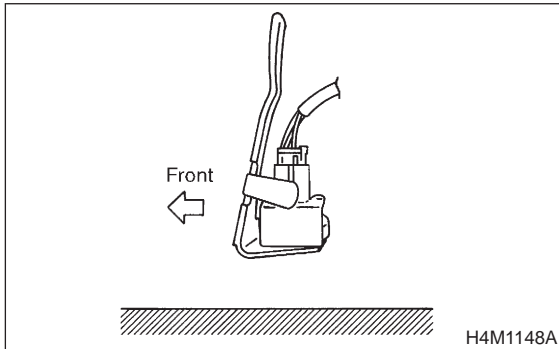
CHECK : *Is the indicated reading 3.9 ± 0.2 V when G sensor is inclined forwards to 90° ?*

YES : Go to step 15C3.

NO : Replace G sensor.

15C3 : 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.

16. Brake Pipe AIRBAG

A: SUPPLEMENTAL RESTRAINT SYSTEM "AIRBAG"

Airbag system wiring harness is routed near the center brake pipe.

CAUTION:

- All Airbag system wiring harness and connectors are colored yellow. Do not use electrical test equipment on these circuit.
- Be careful not to damage Airbag system wiring harness when servicing the center brake pipe.

B: REMOVAL AND INSTALLATION

CAUTION:

- When removing and installing the brake pipe, make sure that it is not bent.
- After installing the brake pipe and hose, bleed the air.
- After installing the brake hose, make sure that it does not touch the tire or suspension assembly, etc.

Brake pipe tightening torque:

$$15^{+3}_{-2} \text{ N}\cdot\text{m} (1.5^{+0.3}_{-0.2} \text{ kg}\cdot\text{m}, 10.8^{+2.2}_{-1.4} \text{ ft}\cdot\text{lb})$$