

## 4. Fuel Level Sensor

### A: REMOVAL

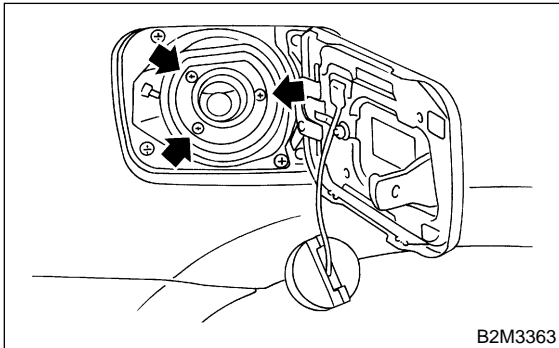
**WARNING:**

- Place "NO FIRE" signs near the working area.
- Be careful not to spill fuel on the floor.

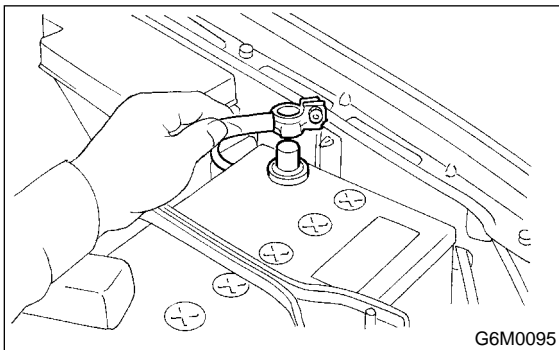
**NOTE:**

Fuel level sensor is built in fuel pump assembly.

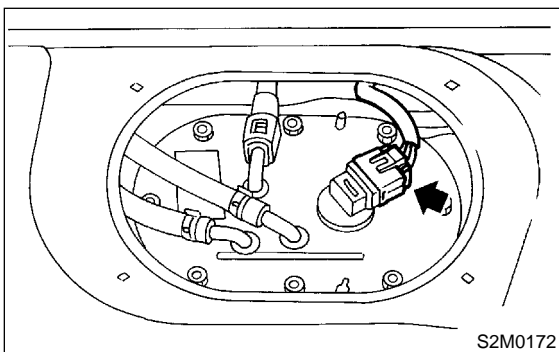
- 1) Release fuel pressure. <Ref. to 2-8 [W1A0].>
- 2) Open fuel flap lid, and remove fuel filler cap.



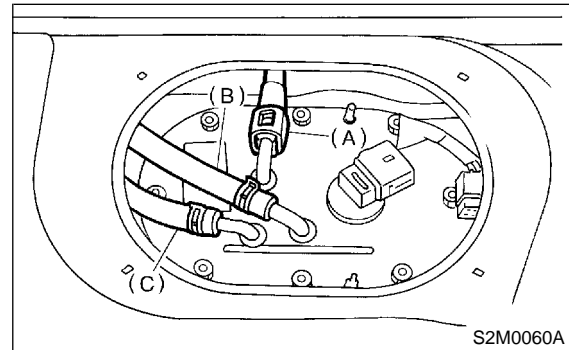
- 3) Disconnect battery ground cable.



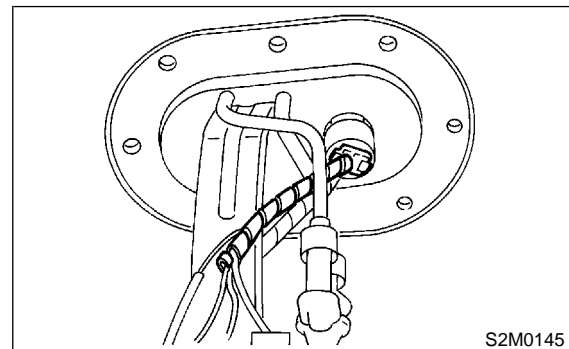
- 4) Disconnect connector from fuel pump.



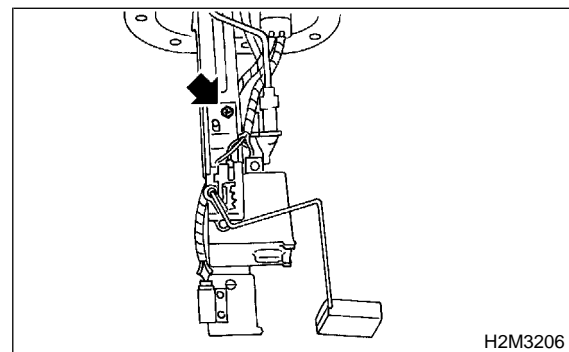
- 5) Move clips, and then disconnect fuel return hose (B) and jet pump hose (C).
- 6) Disconnect quick connector, and then disconnect fuel delivery hose (A). <Ref. to 2-8 [W9A0].>



- 7) Remove nuts which install fuel pump assembly onto fuel tank.
- 8) Take off fuel pump assembly.
- 9) Disconnect connector from fuel pump bracket.



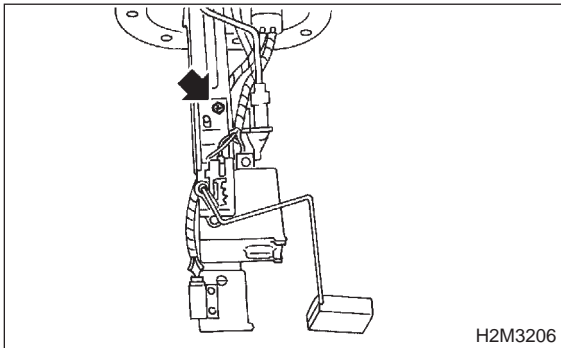
- 10) Remove bolt which installs fuel level sensor on mounting bracket.



**B: INSTALLATION**

Install in the reverse order of removal. Do the following:

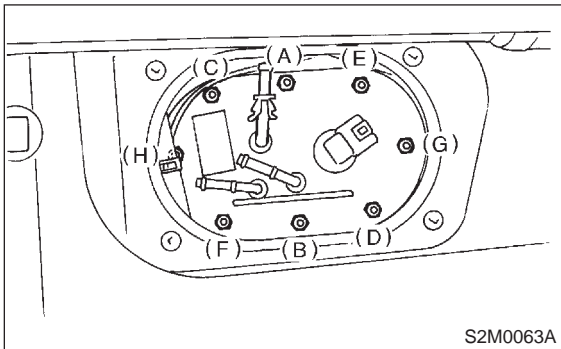
- (1) Install the fuel level sensor on mounting bracket.



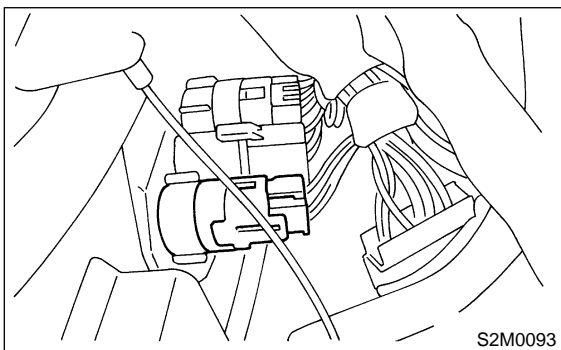
- (2) Always use new gaskets.
- (3) Ensure sealing portion is free from fuel or foreign particles before installation.
- (4) Tighten nuts in alphabetical sequence shown in Figure to specified torque.

**Tightening torque:**

**$4.4 \pm 1.5 \text{ N}\cdot\text{m}$  ( $0.45 \pm 0.15 \text{ kg}\cdot\text{m}$ ,  $3.3 \pm 1.1 \text{ ft}\cdot\text{lb}$ )**

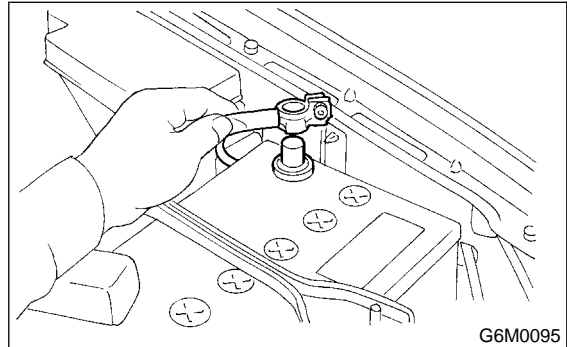


- (5) Connect connector to fuel pump relay.

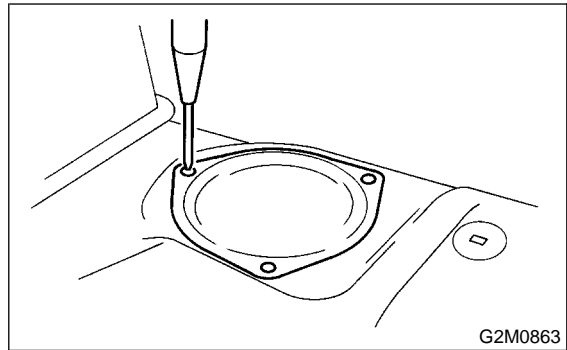
**5. Fuel Sub Level Sensor****A: REMOVAL AND INSTALLATION****WARNING:**

- Place "NO FIRE" signs near the working area.
- Be careful not to spill fuel on the floor.

- 1) Disconnect battery ground cable.



- 2) Remove fuel filler cap.
- 3) Remove service hole cover.



- 4) Disconnect connector from fuel sub level sensor, and disconnect jet pump hose.

