

### 27. Fuel Sub Level Sensor

#### A: REMOVAL

##### WARNING:

Place "NO OPEN FLAMES" signs near the working area.

##### CAUTION:

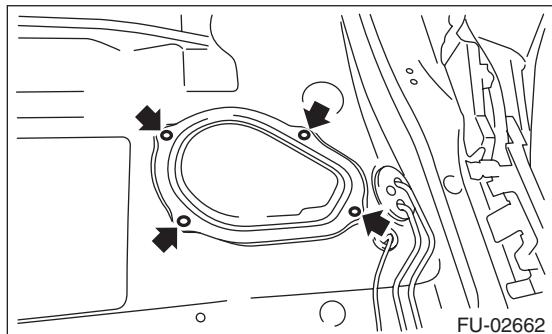
- Be careful not to spill fuel.
- When the fuel gauge pointer is at two third or more, the fuel may spill out. Be sure to drain the fuel before the operation.

1) Release the fuel pressure. <Ref. to FU(H6DO)-44, RELEASING OF FUEL PRESSURE, PROCEDURE, Fuel.>

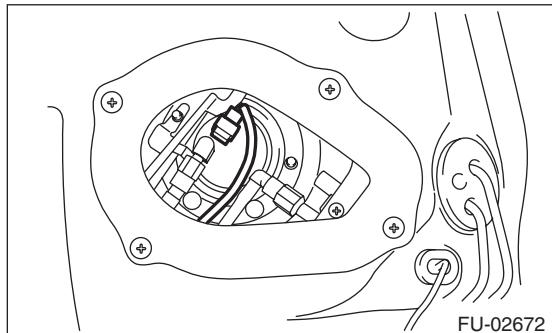
2) Drain fuel. <Ref. to FU(H6DO)-44, DRAINING FUEL (WITH SUBARU SELECT MONITOR), PROCEDURE, Fuel.>

3) Remove the second row seats. <Ref. to SE-13, REMOVAL, Second Seat.>

4) Remove the service hole cover.

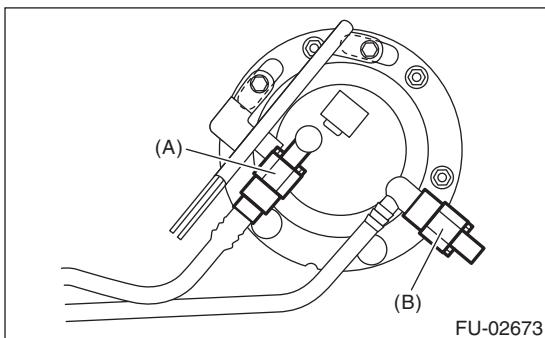


5) Disconnect the connector from the fuel sub level sensor.



6) Disconnect the quick connector, and then disconnect the fuel delivery hose and jet pump hose. <Ref. to FU(H6DO)-59, REMOVAL, Fuel Delivery & Evaporation Lines.>

7) Remove the nuts and bolts which install fuel sub level sensor on fuel tank.



(A) Jet pump hose

(B) Delivery hose

8) Remove the fuel sub level sensor.

#### B: INSTALLATION

Install in the reverse order of removal by adhering to the following procedures.

- Make sure the sealing portion is free from fuel or foreign matter before installation.
- Align the protrusion (A) of gasket to the position shown in the following figure.
- Align the protrusion (B) of fuel sub level sensor with the cutout portion of fuel sub level sensor upper plate.
- Tighten the nuts and bolts to the specified torque in the order as shown in the figure.

##### NOTE:

Use a new gasket and a retainer.

##### Tightening torque:

4.4 N·m (0.4 kgf·m, 3.2 ft·lb)

