

# Fuel Sub Level Sensor

FUEL INJECTION (FUEL SYSTEMS)

## 27.Fuel Sub Level Sensor

### A: REMOVAL

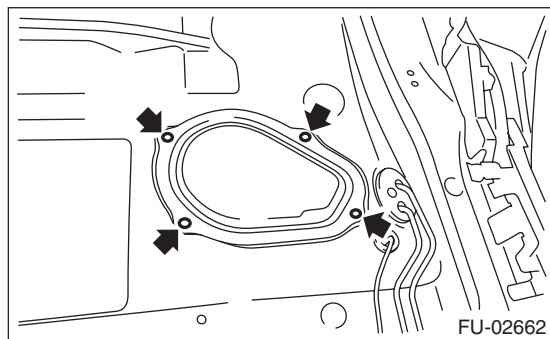
#### WARNING:

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

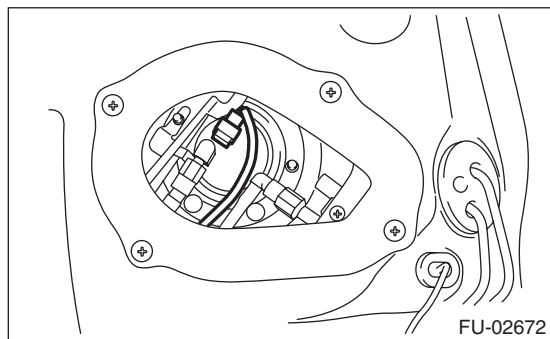
#### CAUTION:

- 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.

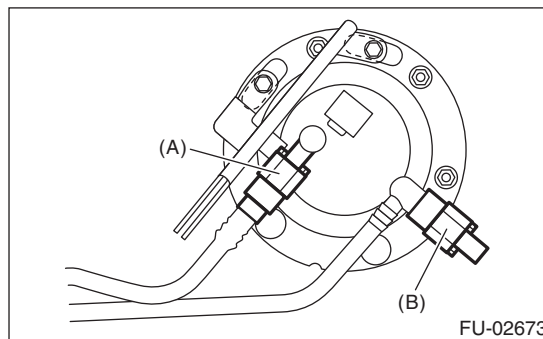


- 5) Disconnect the connector from the fuel sub level sensor.



- 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)**

