

Fuel Sub Level Sensor

FUEL INJECTION (FUEL SYSTEMS)

26. Fuel Sub Level Sensor

A: REMOVAL

WARNING:

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

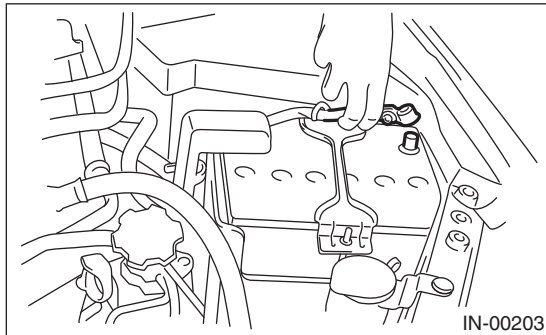
CAUTION:

- 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(H4SO)-43, RELEASING OF FUEL PRESSURE, PROCEDURE, Fuel.>

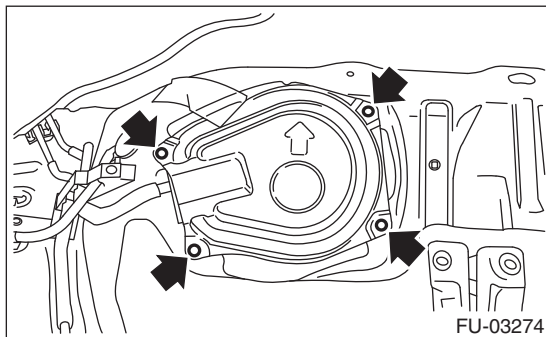
2) Drain fuel from fuel tank. <Ref. to FU(H4SO)-43, DRAINING FUEL (WITH SUBARU SELECT MONITOR), PROCEDURE, Fuel.>

3) Disconnect the ground cable from the battery.

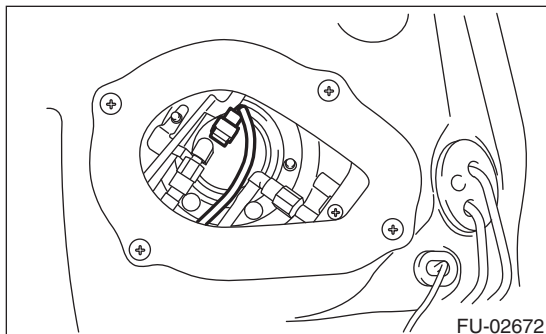


4) Remove the rear seat.

5) Remove the service hole cover.

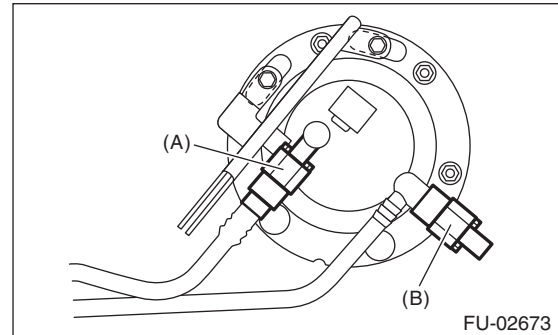


6) Disconnect the connector from the fuel sub level sensor.



7) Disconnect the quick connector, then disconnect the fuel delivery tube and jet pump tube. <Ref. to FU(H4SO)-65, REMOVAL, Fuel Delivery and Evaporation Lines.>

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



(A) Jet pump tube

(B) Fuel delivery tube

9) Remove the fuel sub level sensor.

B: INSTALLATION

Install in the reverse order of removal while being careful of the following.

- Make sure the sealing portion is free from fuel or foreign matter before installation.
- Align protrusion (A) of the gasket to the position shown in the following figure.
- Align protrusion (B) of the fuel sub level sensor to the cut out in the fuel sublevel 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 retainer.

Tightening torque:

4.4 N·m (0.4 kgf·m, 3.2 ft·lb)

