

28.Fuel Sub Level Sensor

A: REMOVAL

WARNING:

Place “NO OPEN FLAMES” signs near the working area.

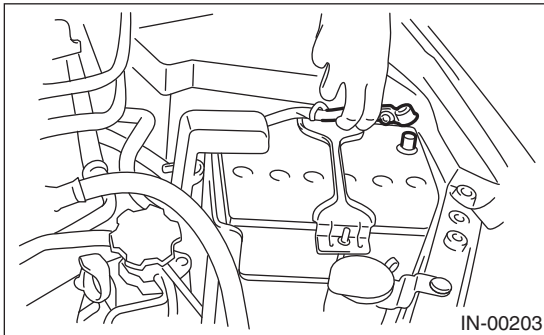
CAUTION:

- Be careful not to spill fuel.
- When the fuel meter indication is higher than two third of the total, perform the work after draining the fuel not to spill the fuel.

1) Release the fuel pressure. <Ref. to FU(H4DOTC)-51, RELEASING OF FUEL PRESSURE, PROCEDURE, Fuel.>

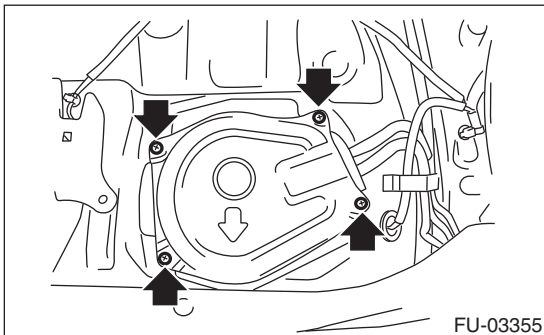
2) Drain fuel. <Ref. to FU(H4DOTC)-51, DRAINING FUEL (WITH SUBARU SELECT MONITOR), PROCEDURE, Fuel.>

3) Disconnect the ground cable from battery.

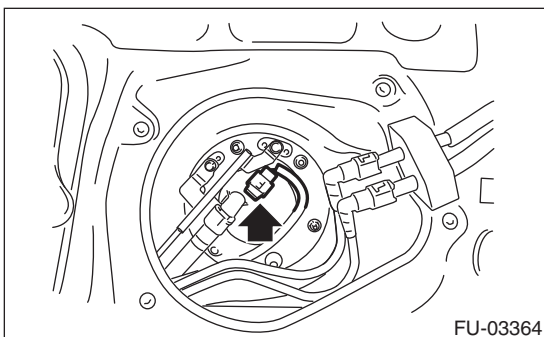


4) Remove the rear seat cushion. <Ref. to SE-15, REMOVAL, Rear Seat.>

5) Remove the service hole cover.

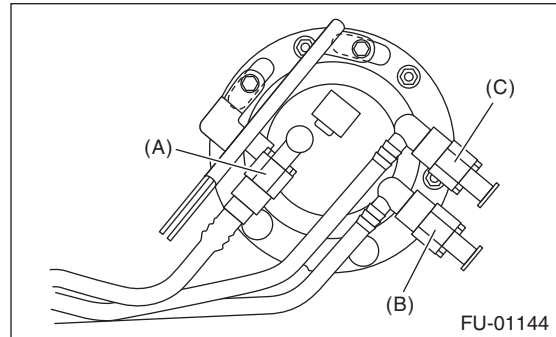


6) Disconnect the connector from the fuel sub level sensor.



7) Disconnect the quick connector, then disconnect the fuel delivery tube, fuel return tube, and jet pump tube. <Ref. to FU(H4DOTC)-72, REMOVAL, Fuel Delivery, Return 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

(C) Fuel return tube

9) Remove the fuel sub level sensor.

Fuel Sub Level Sensor

FUEL INJECTION (FUEL SYSTEMS)

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 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 retainer.

Tightening torque:

4.4 N·m (0.45 kgf-m, 3.2 ft-lb)

