

## 23. Fuel Filler Pipe

### A: REMOVAL

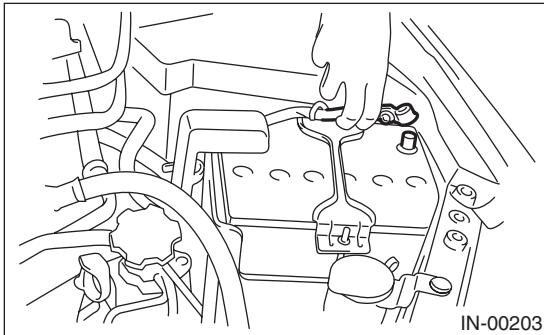
#### WARNING:

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

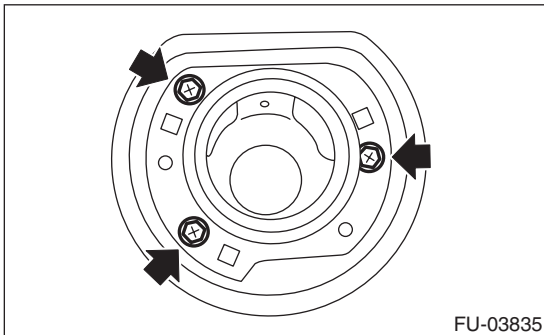
#### CAUTION:

Be careful not to spill fuel.

- 1) Set the vehicle on a lift.
- 2) Release the fuel pressure. <Ref. to FU(H4SO)-52, RELEASING OF FUEL PRESSURE, PROCEDURE, Fuel.>
- 3) Drain fuel. <Ref. to FU(H4SO)-52, DRAINING FUEL (WITH SUBARU SELECT MONITOR), PROCEDURE, Fuel.>
- 4) Disconnect the ground cable from battery.

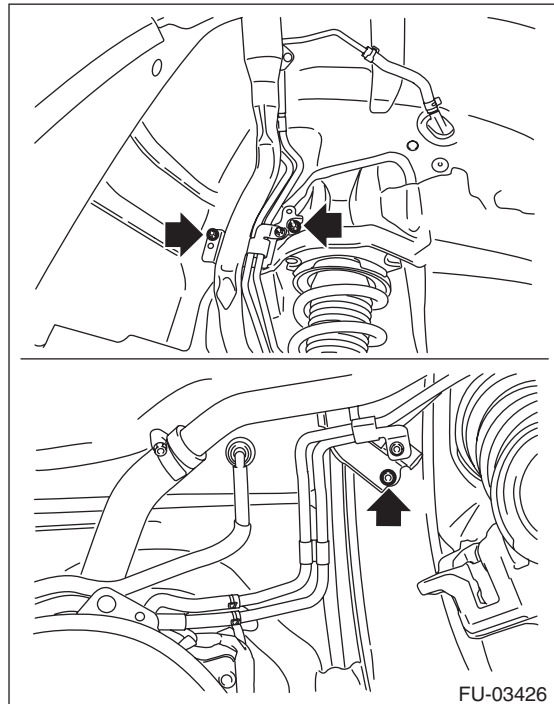


- 5) Open the fuel filler lid, and remove the filler cap.
- 6) Remove the screws which secure gasket.

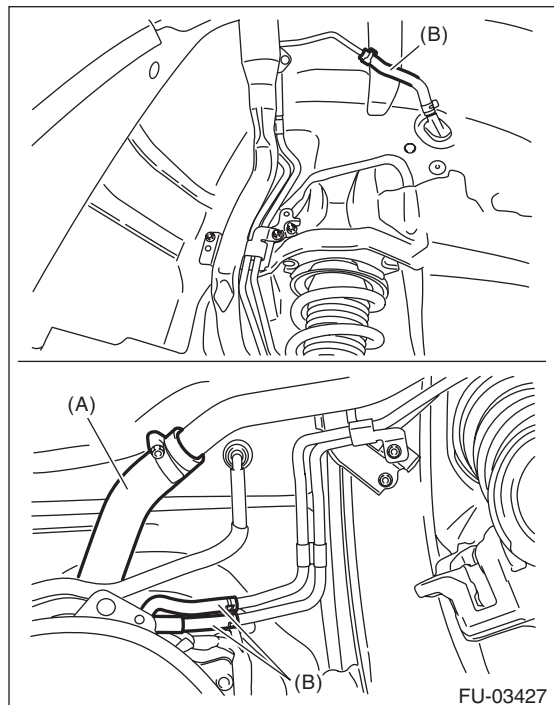


- 7) Remove the rear wheel RH.
- 8) Lift up the vehicle.
- 9) Remove the rear mud guard RH. <Ref. to EI-28, REMOVAL, Mud Guard.>
- 10) Remove the rear sub frame. <Ref. to RS-17, REMOVAL, Rear Sub Frame.>

- 11) Remove the bolts and nuts which hold fuel filler pipe bracket on the body.



- 12) Disconnect the fuel filler hose (A) and evaporation hose (B).



- 13) Remove the fuel filler pipe to the underside of the vehicle.

# Fuel Filler Pipe

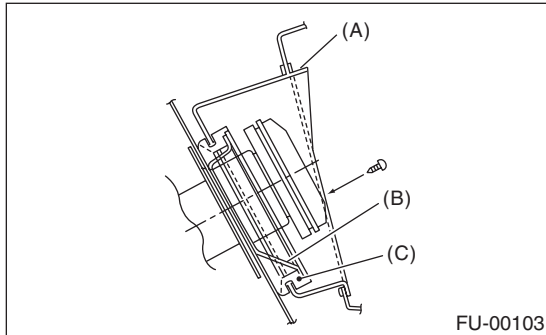
## FUEL INJECTION (FUEL SYSTEMS)

### B: INSTALLATION

- 1) Open the fuel filler lid.
- 2) Set the fuel saucer (A) with rubber gasket (C), and insert the fuel filler pipe into hole from the inner side of apron.
- 3) Align the holes in fuel filler pipe neck and set the cup (B), and tighten the screws.

#### NOTE:

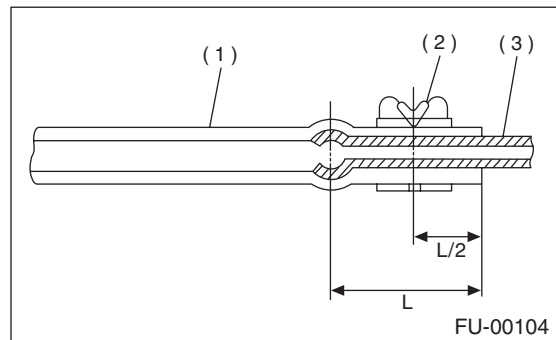
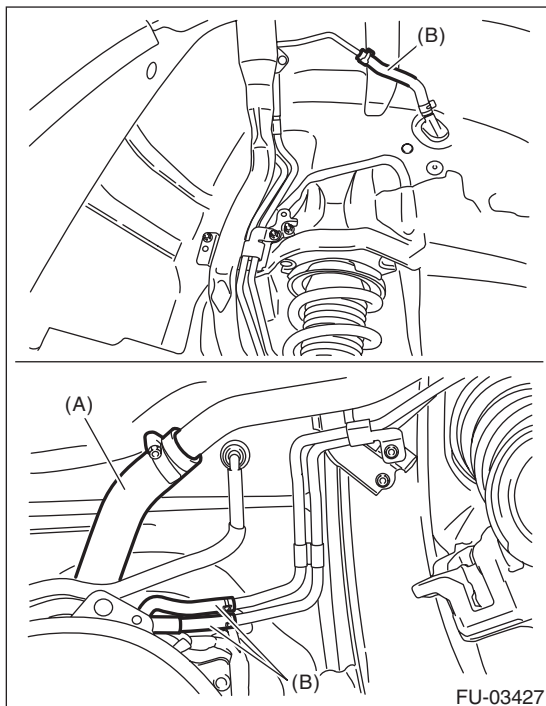
If the edges of rubber gasket are folded toward inside, straighten it with a flat tip screwdriver.



- 4) Securely insert the fuel filler hose (A) and evaporation hose (B) into the specified position, then attach the clamp or clip as shown in the figure.

#### Tightening torque:

**2.5 N·m (0.3 kgf-m, 1.8 ft-lb)**

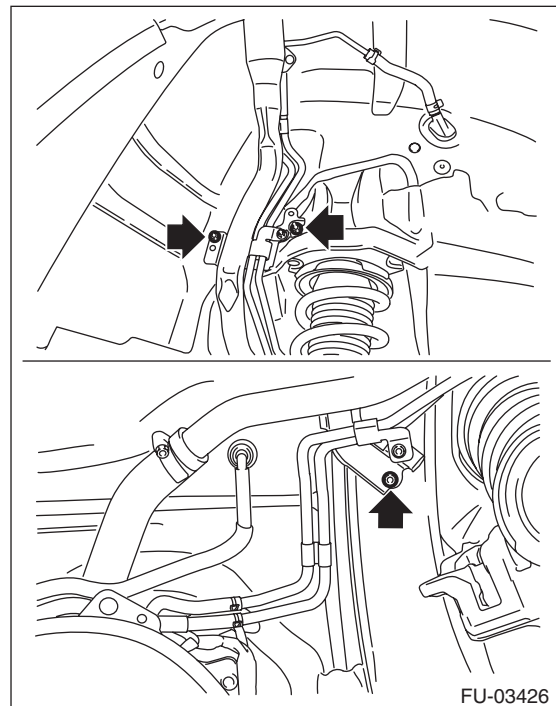


- (1) Hose
- (2) Clamp or clip
- (3) Pipe

- 5) Tighten the bolts and nuts which hold fuel filler pipe bracket on the body.

#### Tightening torque:

**7.5 N·m (0.8 kgf-m, 5.5 ft-lb)**

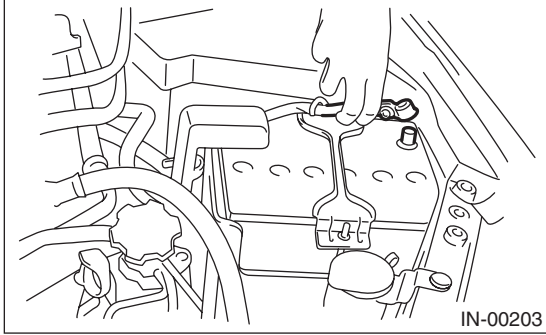


- 6) Install the rear sub frame. <Ref. to RS-18, INSTALLATION, Rear Sub Frame.>
- 7) Install the rear mud guard RH. <Ref. to EI-28, INSTALLATION, Mud Guard.>
- 8) Lower the vehicle.
- 9) Install the rear wheel RH.

#### Tightening torque:

**100 N·m (10.2 kgf-m, 73.8 ft-lb)**

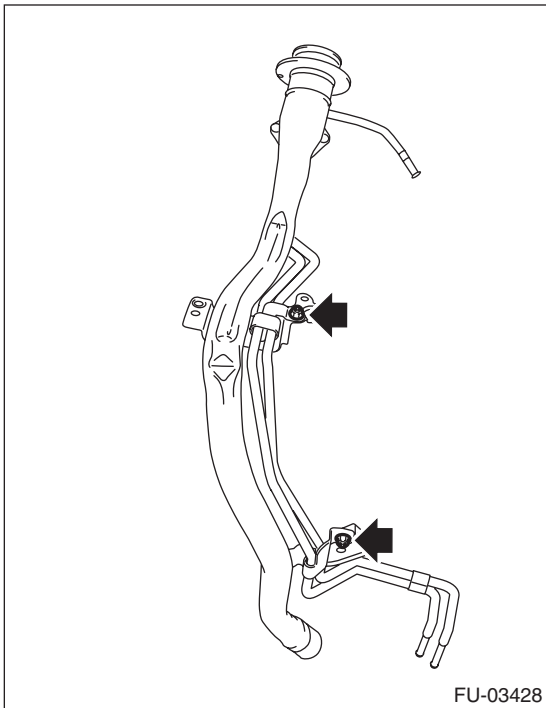
- 10) Connect the ground cable to battery.



- 11) Inspect the wheel alignment and adjust if necessary.

### C: DISASSEMBLY

- 1) Remove the shut valve from the fuel filler pipe. <Ref. to EC(H4SO)-18, REMOVAL, Shut Valve.>
- 2) Remove the evaporation pipe from the fuel filler pipe.

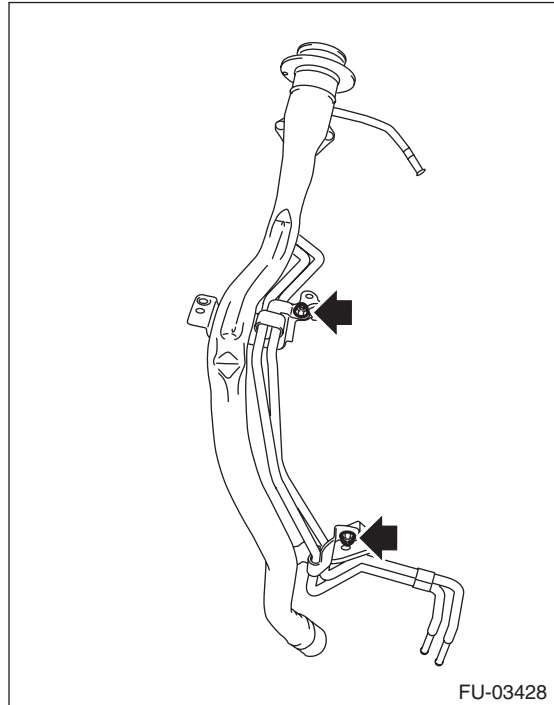


### D: ASSEMBLY

- 1) Install the evaporation pipe to the fuel filler pipe.

#### **Tightening torque:**

**7.5 N·m (0.8 kgf-m, 5.5 ft-lb)**



- 2) Install the shut valve to the fuel filler pipe. <Ref. to EC(H4SO)-18, INSTALLATION, Shut Valve.>

### E: INSPECTION

- 1) Check that the fuel filler pipe does not have holes, cracks or is damaged in any other way.
- 2) Make sure that the fuel hose is not cracked and that the connections are tight.