

23. Fuel Filler Pipe

A: REMOVAL

WARNING:

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

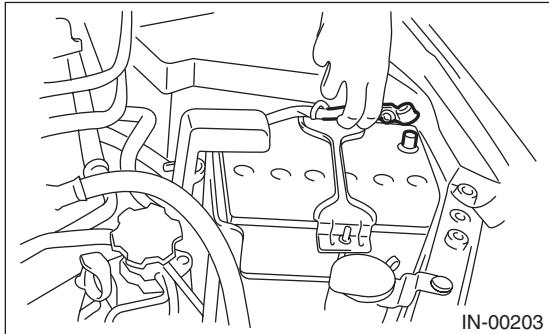
CAUTION:

Be careful not to spill fuel.

1) Release the fuel pressure. <Ref. to FU(H4SO)-53, RELEASING OF FUEL PRESSURE, PROCEDURE, Fuel.>

2) Drain fuel. <Ref. to FU(H4SO)-53, DRAINING FUEL (WITH SUBARU SELECT MONITOR), PROCEDURE, Fuel.>

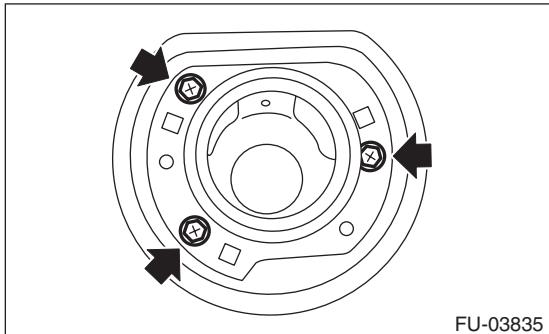
3) Disconnect the ground cable from battery.



IN-00203

4) Open the fuel filler lid, and remove the filler cap.

5) Remove the screws which secure gasket.



FU-03835

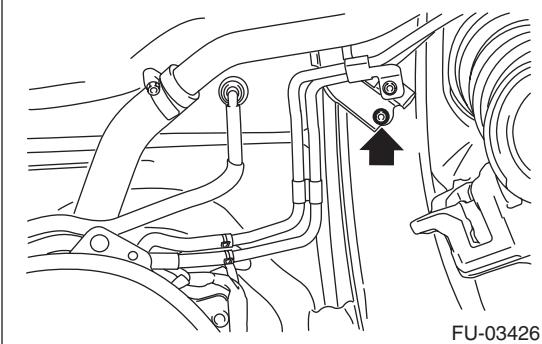
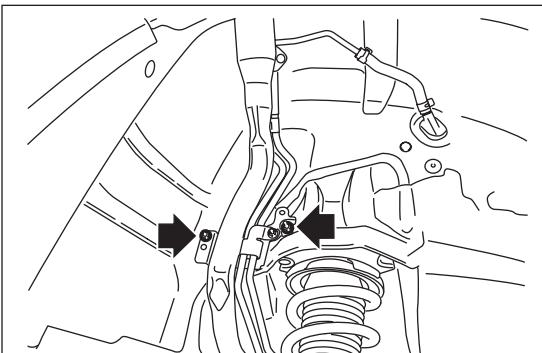
6) Remove the rear wheel RH.

7) Lift up the vehicle.

8) Remove the rear mud guard RH. <Ref. to EI-26, REAR MUD GUARD, REMOVAL, Mud Guard.>

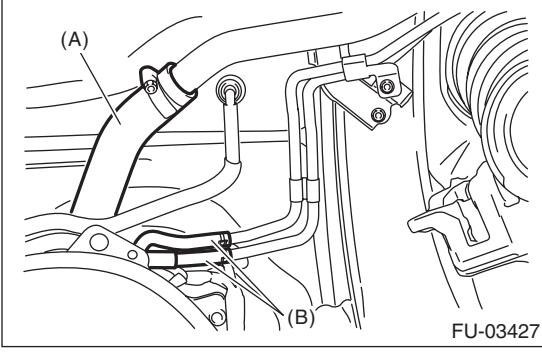
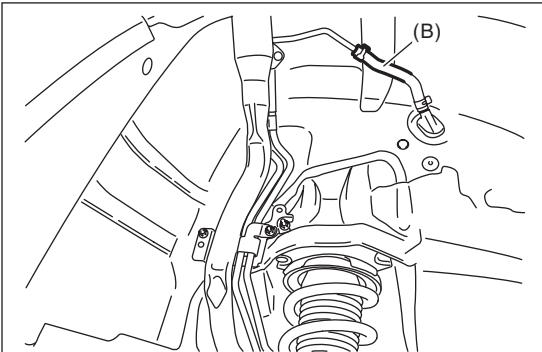
9) Remove the rear sub frame. <Ref. to RS-17, REMOVAL, Rear Sub Frame.>

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



FU-03426

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



FU-03427

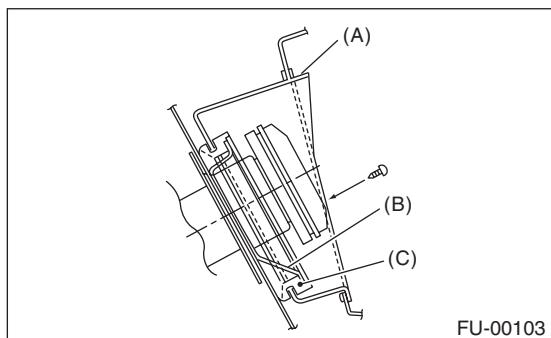
12) Remove the fuel filler pipe to the underside of the vehicle.

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.

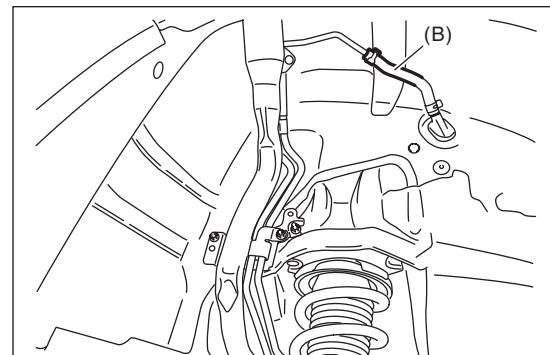
NOTE:

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

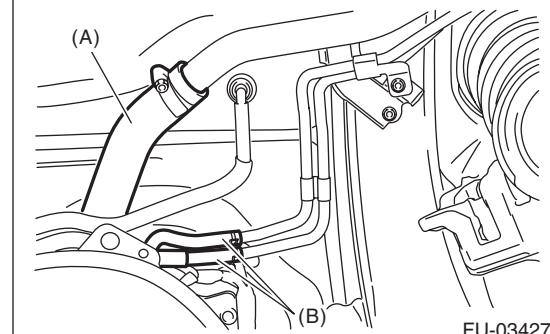


FU-00103

- 4) Securely insert the fuel filler hose (A) and evaporation hose (B) until the hose end contacts the spool, then attach the clamp or clip as shown in the figure.

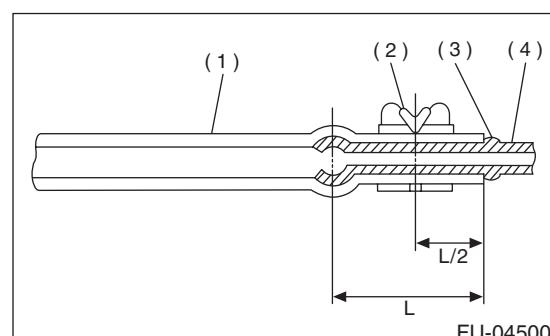


FU-03427



FU-04500

Tightening torque:
2.5 N·m (0.3 kgf-m, 1.8 ft-lb)



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

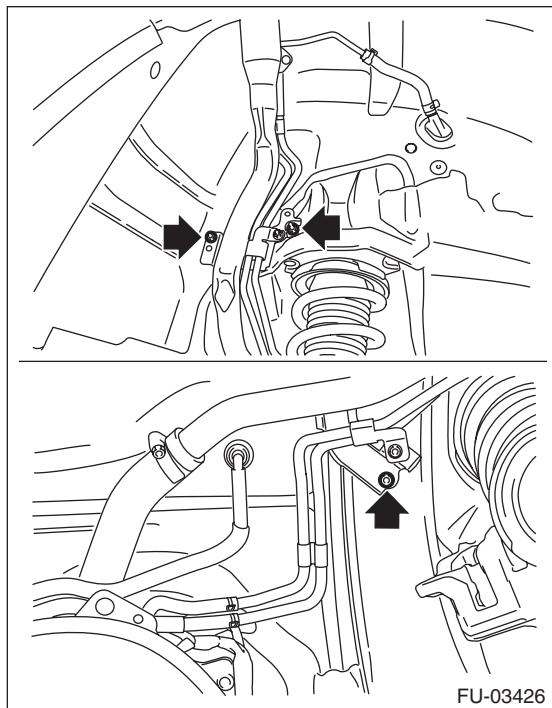
- 5) Tighten the bolts and nuts which hold fuel filler pipe bracket on the body.

Fuel Filler Pipe

FUEL INJECTION (FUEL SYSTEMS)

Tightening torque:

7.5 N·m (0.8 kgf-m, 5.5 ft-lb)

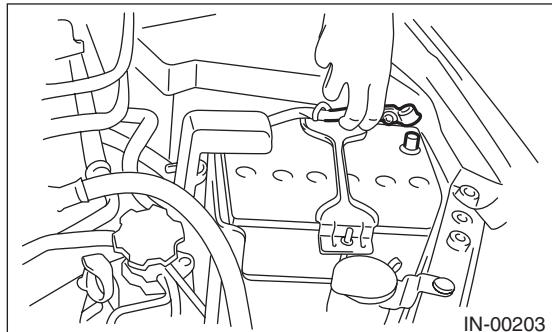


- 6) Install the rear sub frame. <Ref. to RS-18, INSTALLATION, Rear Sub Frame.>
- 7) Install the rear mud guard RH. <Ref. to EI-26, INSTALLATION, Mud Guard.>
- 8) Lower the vehicle.
- 9) Install the rear wheel RH.

Tightening torque:

100 N·m (10.2 kgf-m, 73.8 ft-lb)

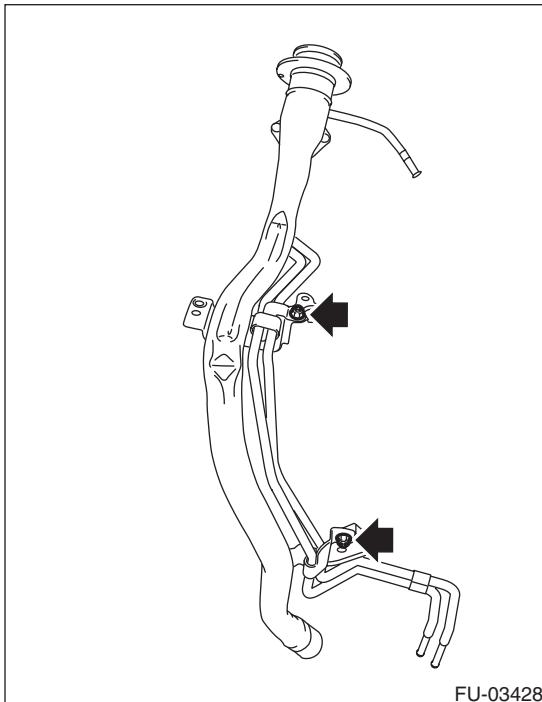
- 10) Connect the battery ground terminal.



- 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)-19, REMOVAL, Shut Valve.>
- 2) Remove the evaporation pipe from the fuel filler pipe.



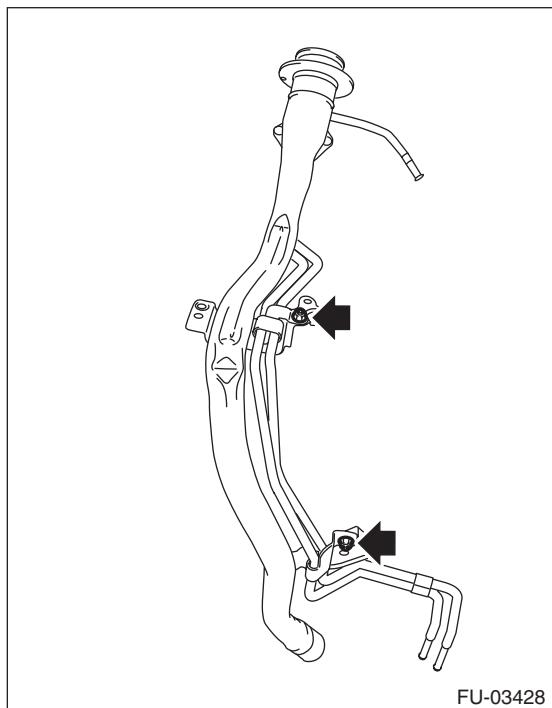
FU-03428

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)-19, INSTALLATION, Shut Valve.>

E: INSPECTION

- 1) Check that the fuel filler pipe assembly has no deformation, cracks or other damages.
- 2) Check that the fuel hose has no cracks, damage or loose part.