

Fuel Filler Pipe

FUEL INJECTION (FUEL SYSTEMS)

23. Fuel Filler Pipe

A: REMOVAL

WARNING:

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

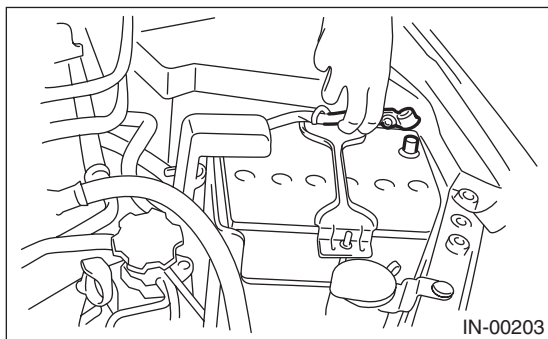
CAUTION:

Be careful not to spill fuel.

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

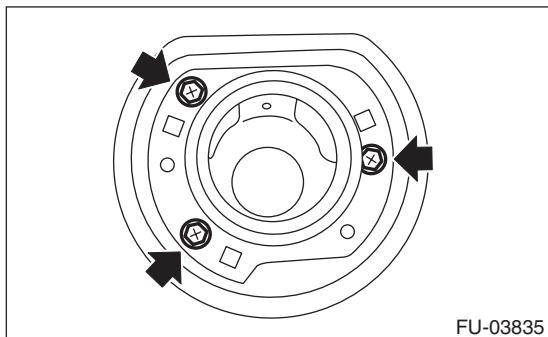
2) Drain fuel. <Ref. to FU(H4SO)-53, DRAINING FUEL (WITH SUBARU SELECT MONITOR), PROCEDURE, Fuel.>

3) Disconnect the ground cable from battery.



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

5) Remove the screws which secure gasket.



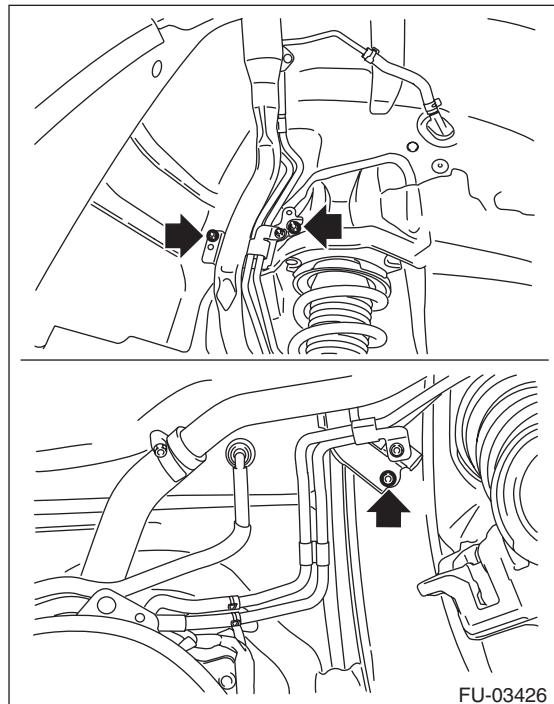
6) Remove the rear wheel RH.

7) Lift up the vehicle.

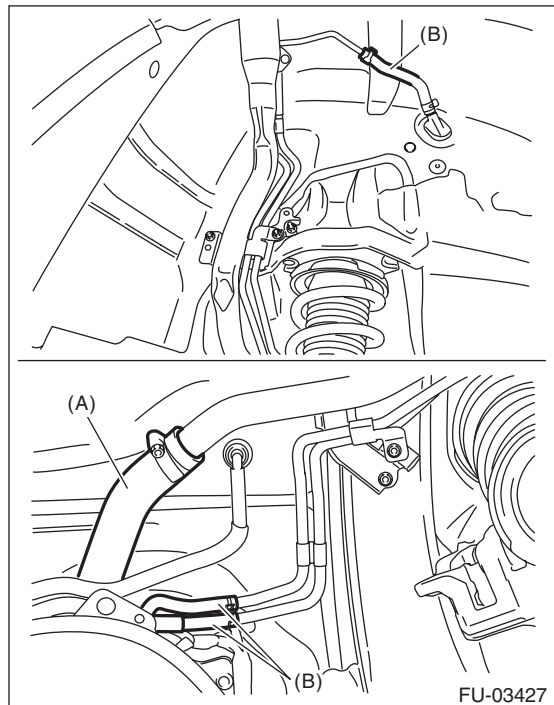
8) Remove the rear mud guard RH. <Ref. to EI-26, REAR MUD GUARD, REMOVAL, Mud Guard.>

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.



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



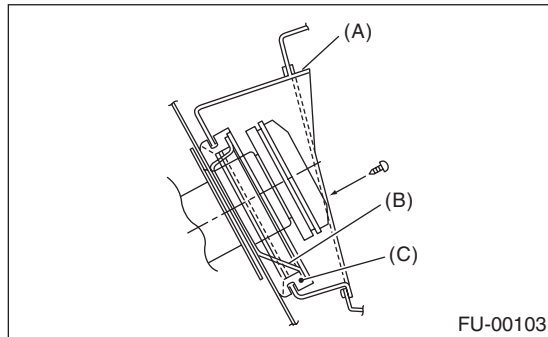
12) Remove the fuel filler pipe to the underside of the vehicle.

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:

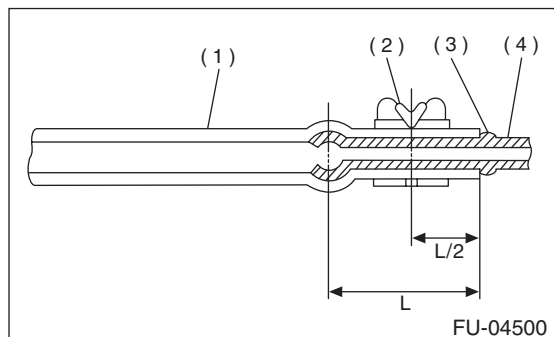
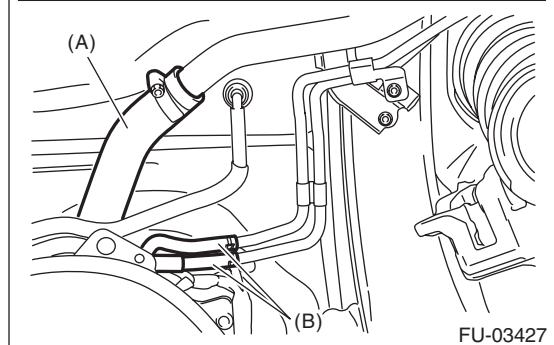
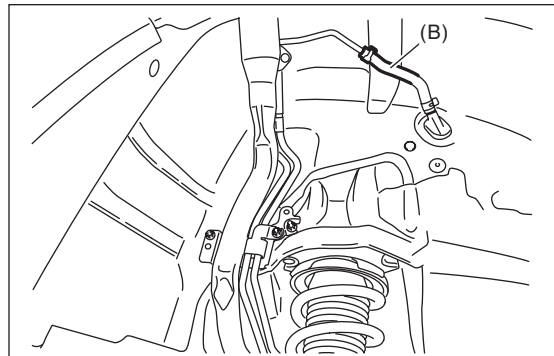
If the edges of rubber gasket are folded toward inside, straighten it with a flat tip screwdriver.



- 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.

Tightening torque:

2.5 N·m (0.3 kgf-m, 1.8 ft-lb)



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

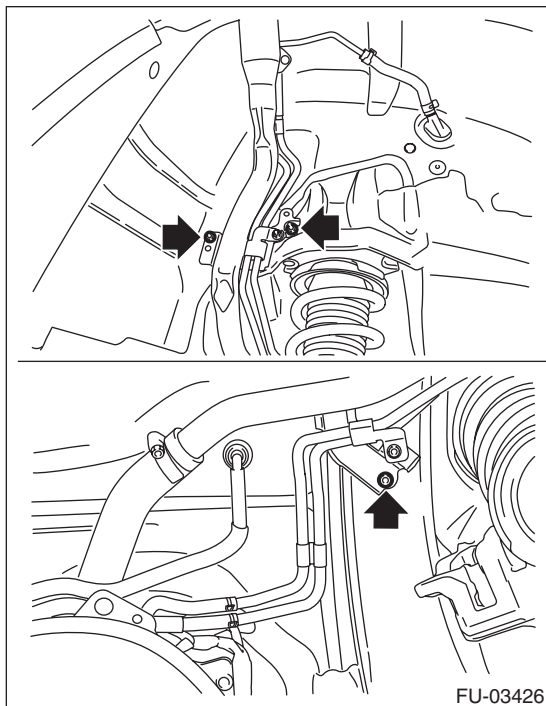
- 5) Tighten the bolts and nuts which hold fuel filler pipe bracket on the body.

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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.>

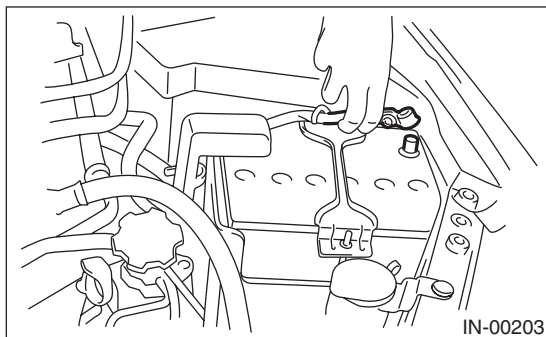
8) Lower the vehicle.

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.

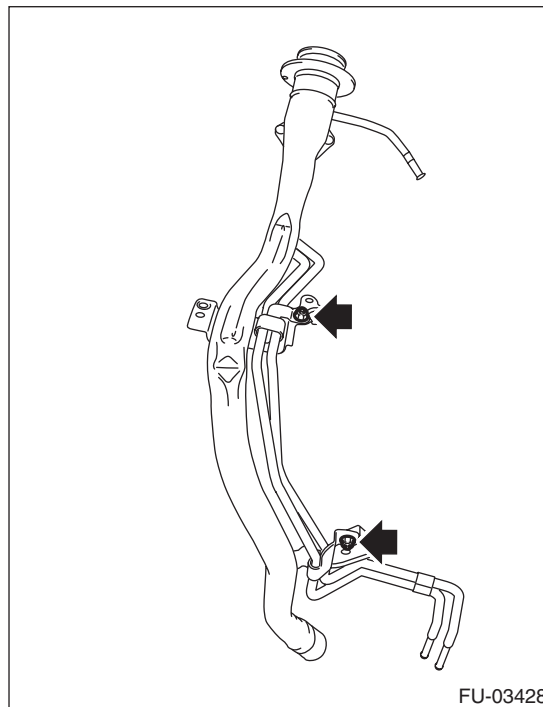


11) Inspect the wheel alignment and adjust if necessary.

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.

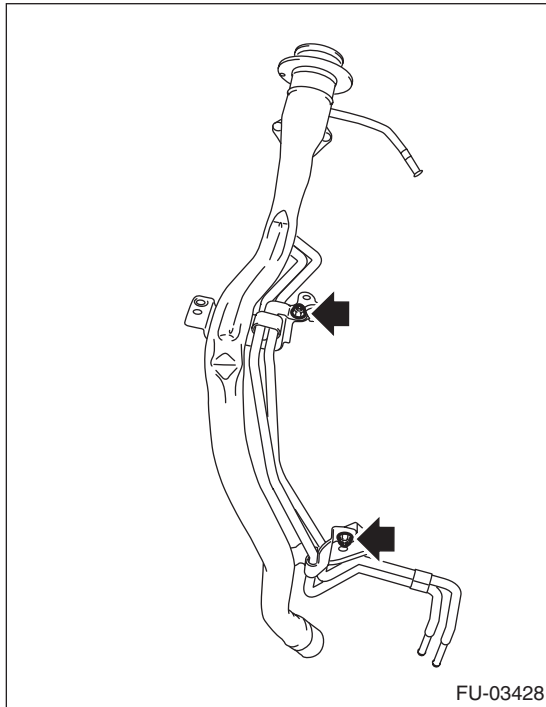


D: ASSEMBLY

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.