

25. Fuel Filler Pipe

A: REMOVAL

WARNING:

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

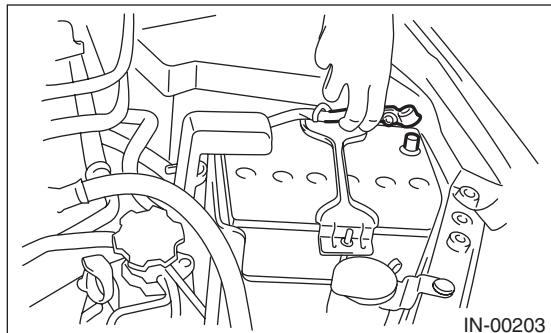
CAUTION:

Be careful not to spill fuel.

1) Release the fuel pressure. <Ref. to FU(w/o STI)-65, RELEASING OF FUEL PRESSURE, PROCEDURE, Fuel.>

2) Drain fuel. <Ref. to FU(w/o STI)-65, DRAINING FUEL (WITH SUBARU SELECT MONITOR), PROCEDURE, Fuel.>

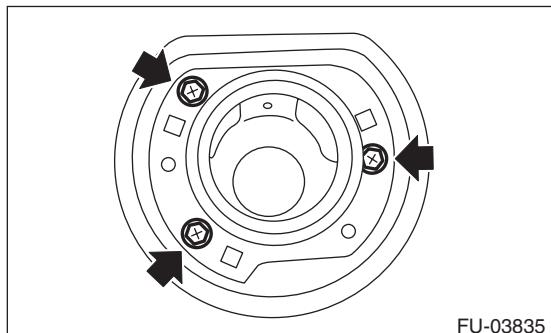
3) Disconnect the ground cable from battery.



IN-00203

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

5) Remove the screws which secure the fuel filler ring, and then remove the fuel filler ring.



FU-03835

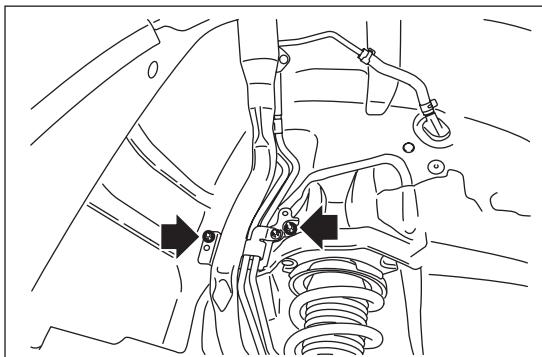
6) Remove the rear wheel RH.

7) Lift up the vehicle.

8) Remove the rear mud guard RH. <Ref. to EI-30, REAR MUD GUARD, REMOVAL, Mud Guard.>

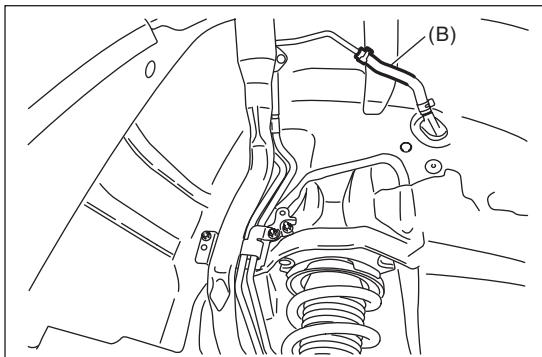
9) Remove the rear sub frame. <Ref. to RS-17, REMOVAL, Rear Sub Frame.>

10) Remove the bolts and nuts which secure fuel filler pipe assembly onto the vehicle body.



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



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12) Remove the fuel filler pipe assembly from the underside of the vehicle.

Fuel Filler Pipe

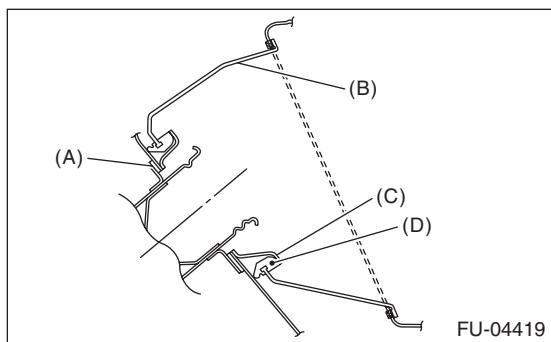
FUEL INJECTION (FUEL SYSTEMS)

B: INSTALLATION

- 1) Open the fuel filler lid.
- 2) Attach the fuel filler pipe gasket to the fuel filler pipe assembly, and insert the fuel filler pipe assembly from inside of the rear fender.
- 3) Install the fuel filler ring to the fuel filler pipe assembly.

NOTE:

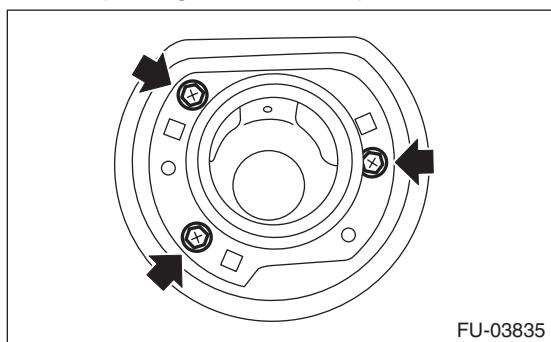
If the edges of rubber gasket are folded toward inside, straighten it with a flat tip screwdriver.



- (A) Fuel filler pipe gasket
- (B) Fuel saucer
- (C) Fuel filler ring
- (D) Rubber gasket

Tightening torque:

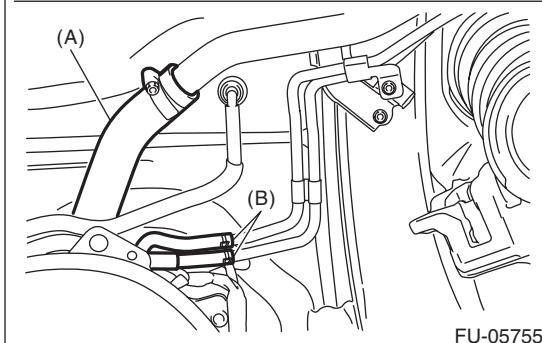
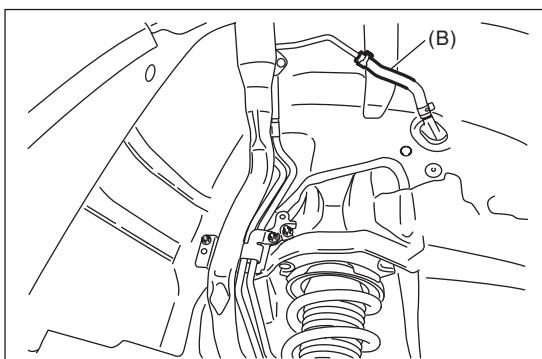
4.4 N·m (0.4 kgf·m, 3.2 ft-lb)



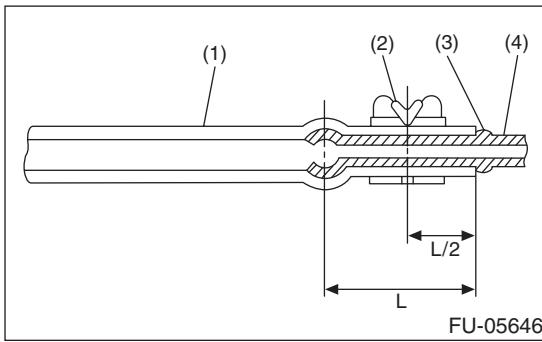
- 4) Securely insert the fuel filler hose (A) and evaporation hose (B) until the hose end contacts the spool, then attach the clamp or clip as shown in the figure.

Tightening torque:

2.5 N·m (0.3 kgf·m, 1.8 ft-lb)



FU-05755

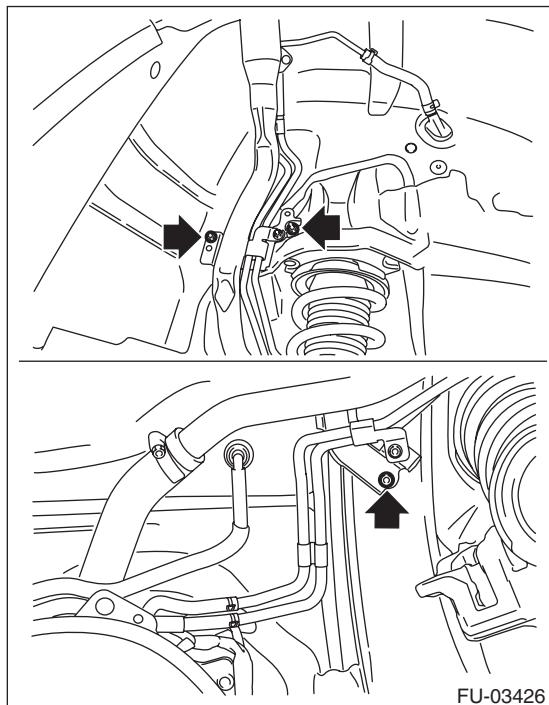


- (1) Hose
- (2) Clamp or clip
- (3) Spool
- (4) Pipe

5) Install the fuel filler pipe assembly to vehicle body.

Tightening torque:

7.5 N·m (0.8 kgf-m, 5.5 ft-lb)

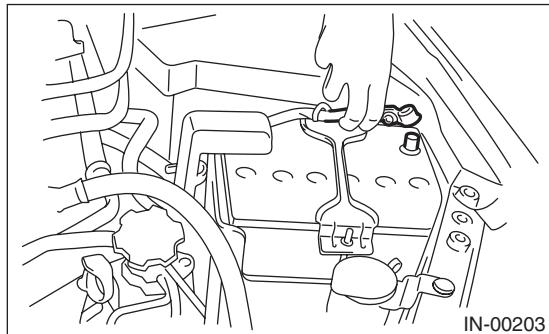


6) Install the rear sub frame. <Ref. to RS-18, INSTALLATION, Rear Sub Frame.>
 7) Install the rear mud guard RH. <Ref. to EI-30, INSTALLATION, Mud Guard.>
 8) Lower the vehicle.
 9) Install the rear wheel RH.

Tightening torque:

100 N·m (10.2 kgf-m, 73.8 ft-lb)

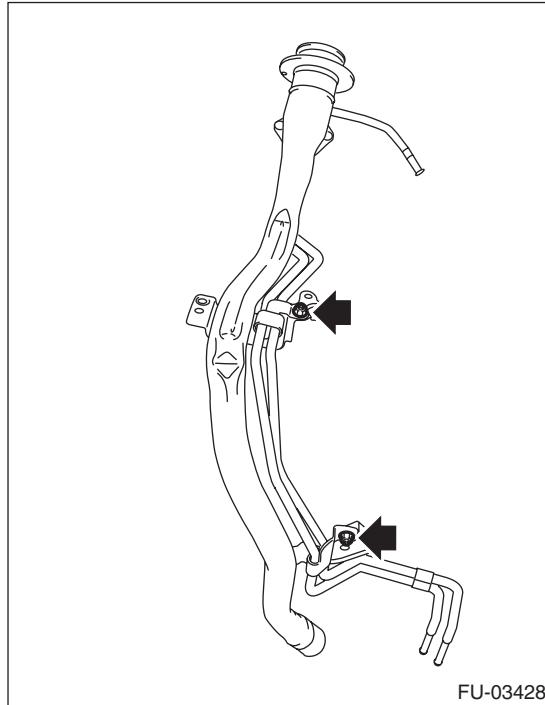
10) Connect the battery ground terminal.



11) Inspect the wheel alignment and adjust if necessary.

C: DISASSEMBLY

1) Remove the shut valve from the fuel filler pipe.
 <Ref. to EC(w/o STI)-19, REMOVAL, Shut Valve.>
 2) Remove the evaporation pipe from the fuel filler pipe.



D: ASSEMBLY

Assemble in the reverse order of disassembly.

Tightening torque:

7.5 N·m (0.8 kgf-m, 5.5 ft-lb)

E: INSPECTION

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