

Fuel Filler Pipe

FUEL INJECTION (FUEL SYSTEMS)

23. Fuel Filler Pipe

A: REMOVAL

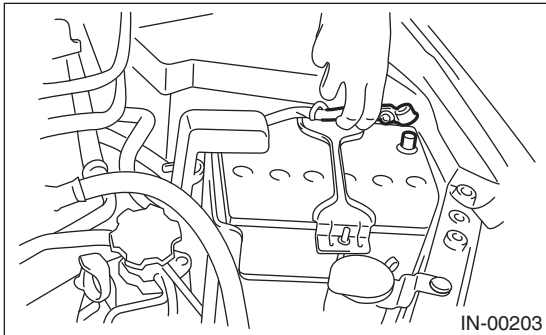
WARNING:

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

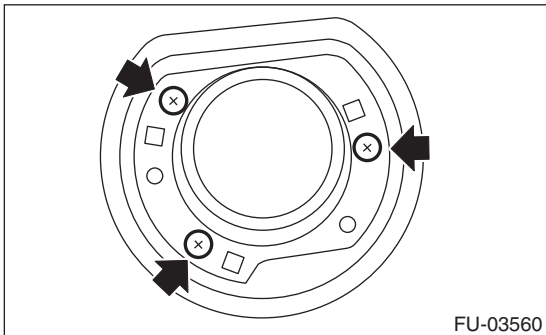
CAUTION:

Be careful not to spill fuel.

- 1) Set the vehicle on a lift.
- 2) Release the fuel pressure. <Ref. to FU(H4SO)-43, RELEASING OF FUEL PRESSURE, PROCEDURE, Fuel.>
- 3) Drain fuel from fuel tank. <Ref. to FU(H4SO)-43, DRAINING FUEL (WITH SUBARU SELECT MONITOR), PROCEDURE, Fuel.>
- 4) Disconnect the ground cable from the battery.

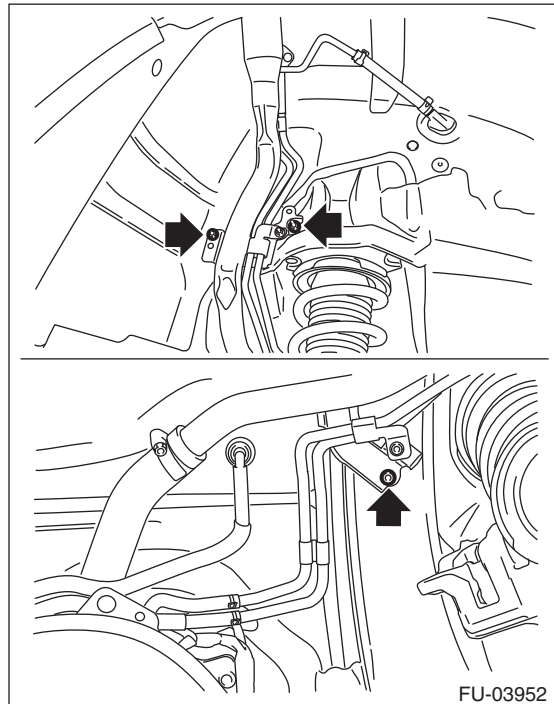


- 5) Open the fuel filler lid, and remove the filler cap.
- 6) Remove the screws which secure gasket.

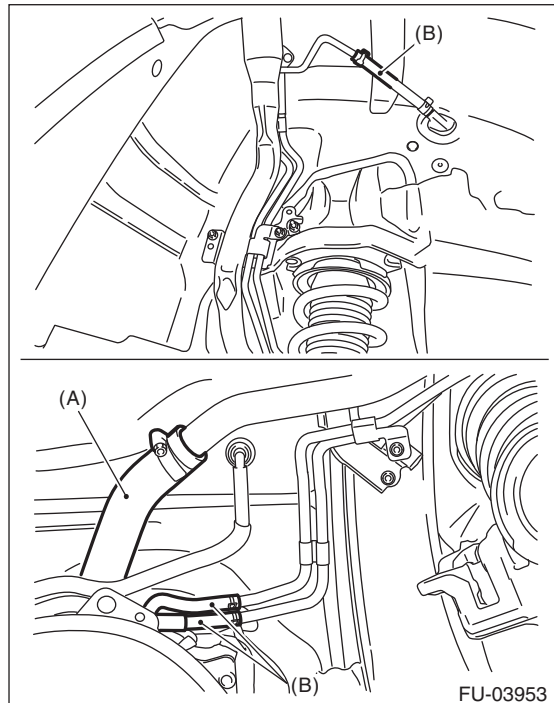


- 7) Remove the rear wheel RH.
- 8) Lift up the vehicle.
- 9) Remove the mud guard. <Ref. to EI-27, REMOVAL, Mud Guard.>
- 10) Remove the rear sub frame. <Ref. to RS-15, REMOVAL, Rear Sub Frame.>

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



- 12) Loosen the clamp, and disconnect the fuel filler hose (A) and evaporation hose (B).



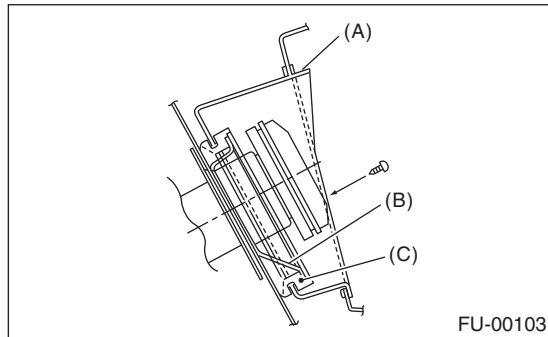
- 13) Remove the fuel filler pipe to the underside of the vehicle.

B: INSTALLATION

- 1) Open the fuel filler lid.
- 2) Set the fuel saucer (A) with rubber seal (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:

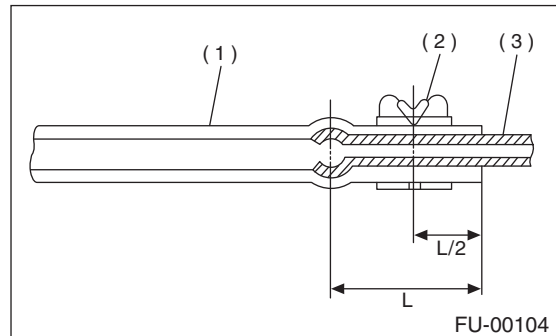
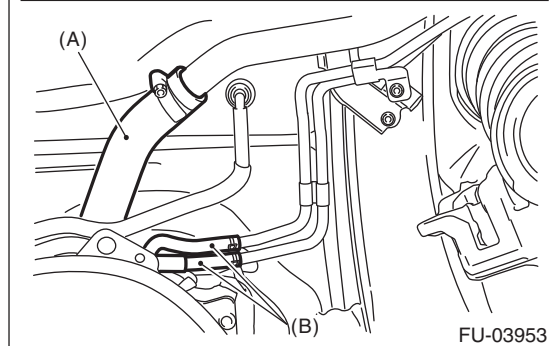
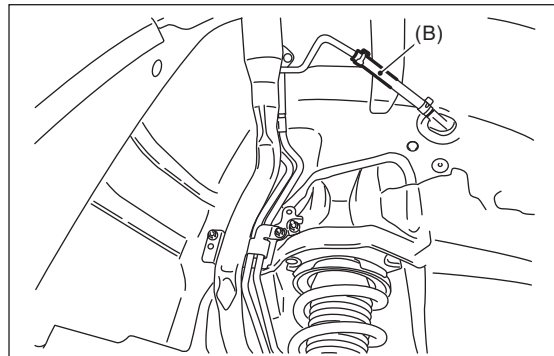
If the edges of rubber seal are folded toward inside, straighten it with a flat tip screwdriver.



- 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) Clip or clamp
- (3) Pipe

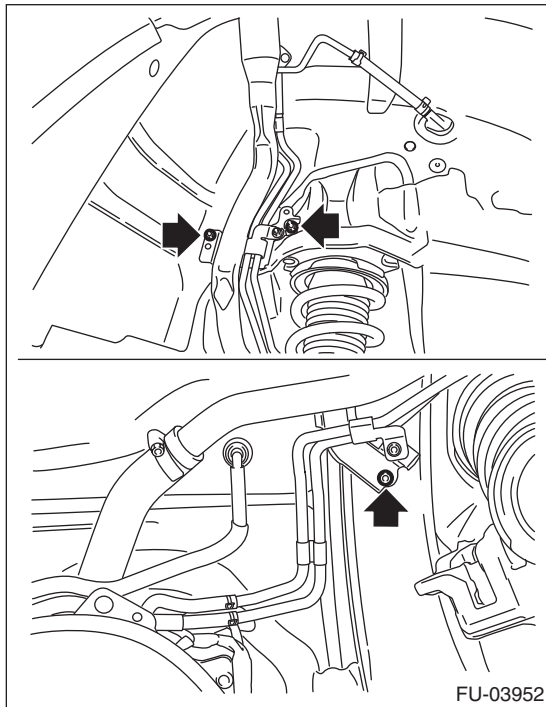
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5) Tighten the bolts which hold fuel filler pipe bracket on the body.

Tightening torque:

7.5 N·m (0.8 kgf-m, 5.5 ft-lb)



6) Install the rear sub frame. <Ref. to RS-16, INSTALLATION, Rear Sub Frame.>

7) Install the mud guard. <Ref. to EI-27, INSTALLATION, Mud Guard.>

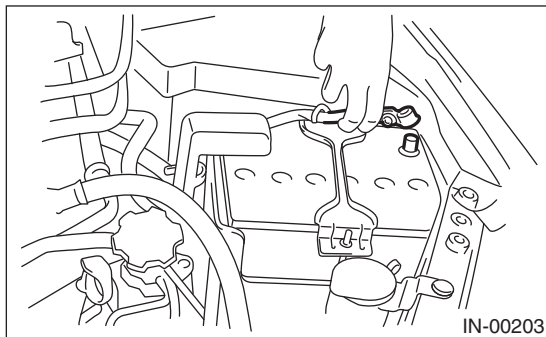
8) Lower the vehicle.

9) Install the rear wheel RH.

Tightening torque:

100 N·m (10.2 kgf-m, 73.8 ft-lb)

10) Connect the battery ground cable to battery.



11) Inspect the wheel alignment and adjust if necessary.

12) Re-initialize the auto headlight beam leveler system. <Ref. to LI-15, PROCEDURE, Auto Headlight Beam Leveler System.>

C: INSPECTION

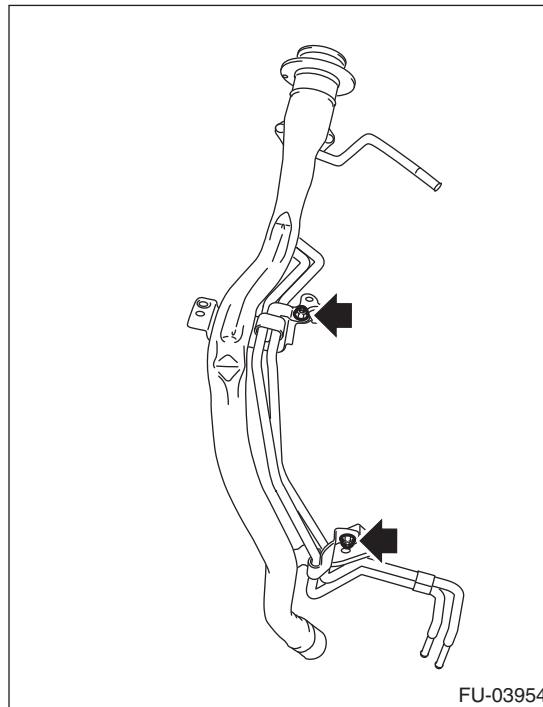
1) Check that the fuel tank does not have holes, cracks or is damaged in any way.

2) Make sure that the fuel hose is not cracked and that the connections are tight.

D: DISASSEMBLY

1) Remove the shut valve from the fuel filler pipe. <Ref. to EC(H4SO)-17, REMOVAL, Shut Valve.>

2) Remove the nut which holds the evaporation pipe assembly to the fuel filler pipe.

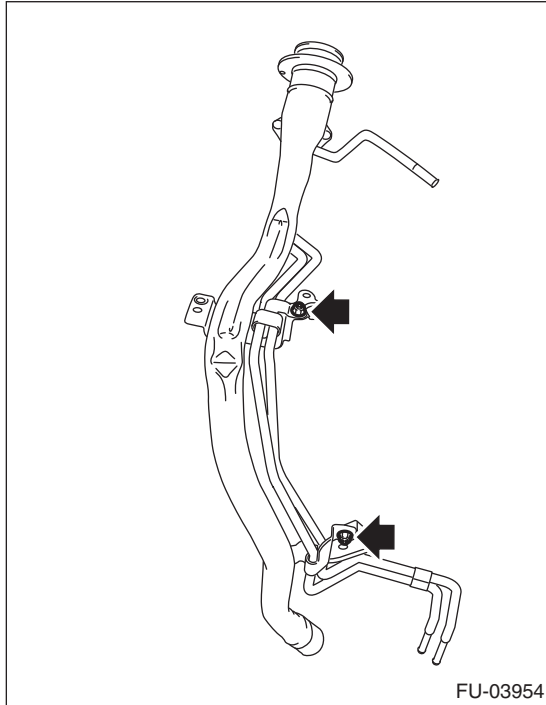


E: ASSEMBLY

1) Tighten the nuts which secure the evaporation pipe assembly to the fuel filler pipe.

Tightening torque:

7.5 N·m (0.8 kgf-m, 5.5 ft-lb)



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2) Install the shut valve to the fuel filler pipe. <Ref. to EC(H4SO)-17, INSTALLATION, Shut Valve.>