

29. Fuel Filler Pipe

A: REMOVAL

WARNING:

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

CAUTION:

Be careful not to spill fuel.

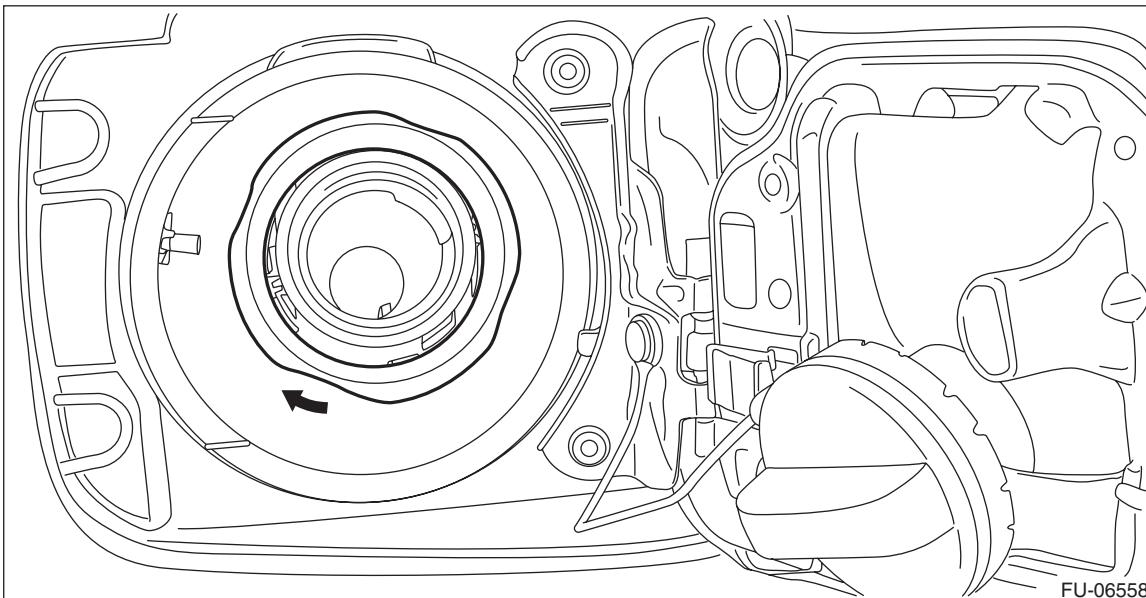
- 1) Release the fuel pressure. <Ref. to FU(H4DO(HEV))-98, RELEASING OF FUEL PRESSURE, PROCEDURE, Fuel.>
- 2) Drain fuel. <Ref. to FU(H4DO(HEV))-99, DRAINING FUEL (WITH SUBARU SELECT MONITOR), PROCEDURE, Fuel.>
- 3) Disconnect the ground cable from battery. <Ref. to NT-5, BATTERY, NOTE, Note.>

NOTE:

For the 12 volt engine restart battery, disconnect the ground terminal from 12V engine restart battery sensor.

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

- 5) Turn the fuel filler pipe protector in the direction of the arrow to unlock and remove it.



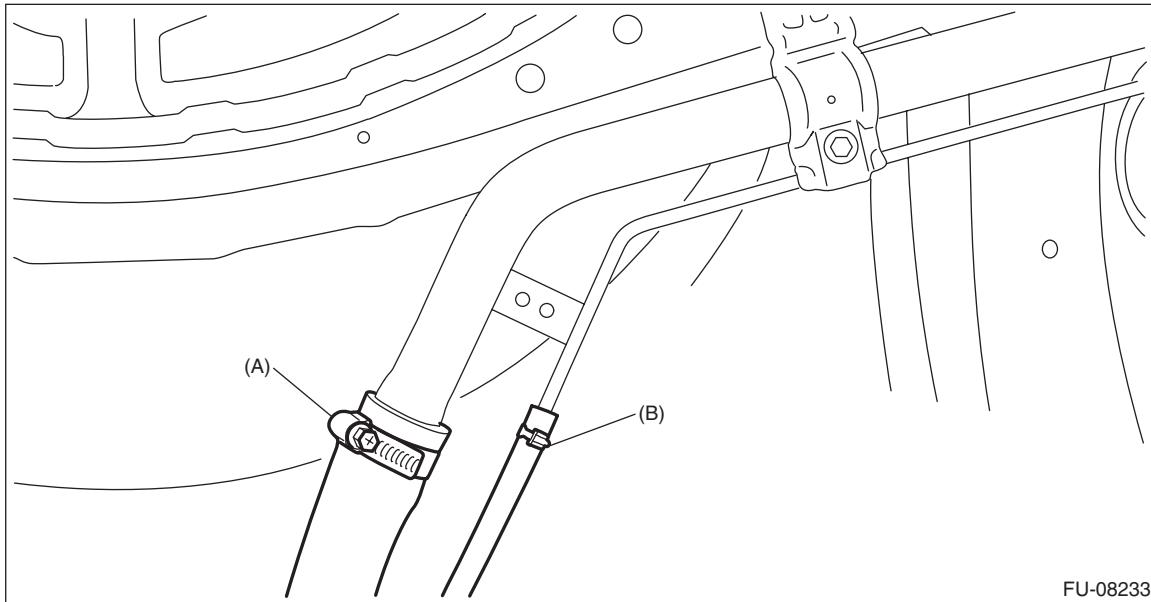
- 6) Remove the rear sub frame assembly. <Ref. to RS-9, REMOVAL, Rear Sub Frame.>

- 7) Remove the rear mud guard RH. <Ref. to EI-33, REMOVAL, Mud Guard.>

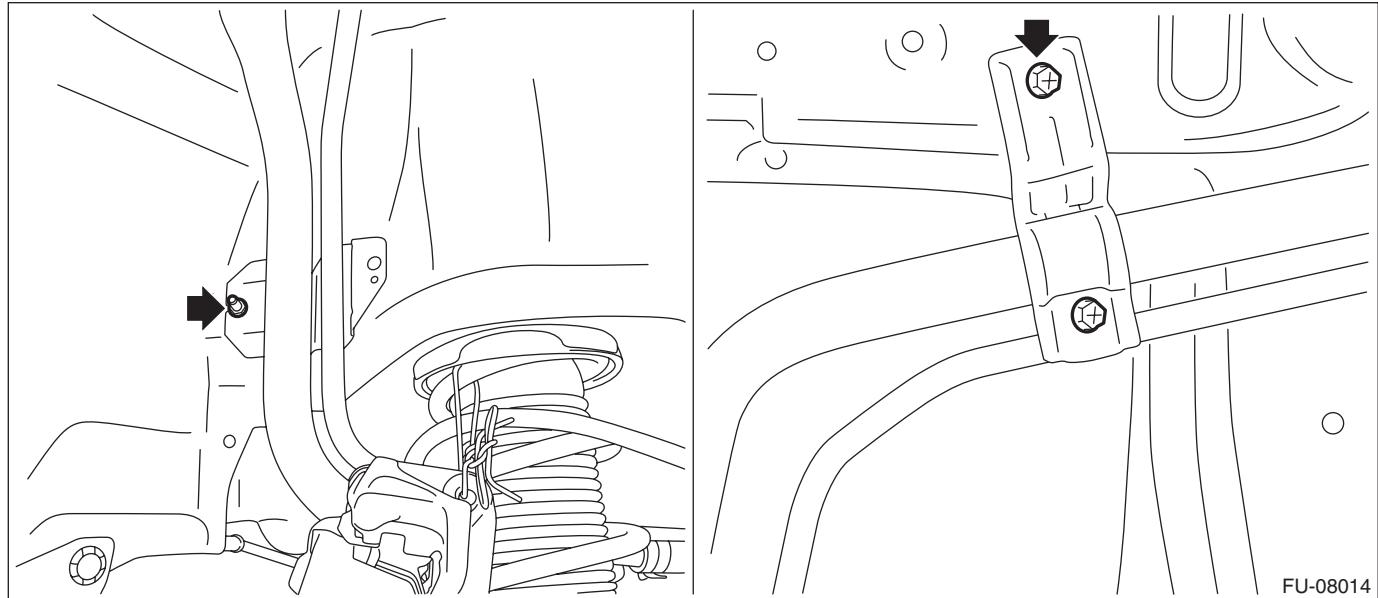
Fuel Filler Pipe

FUEL INJECTION (FUEL SYSTEMS)

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



9) Remove the bolts and nuts which secure the fuel filler pipe assembly to the vehicle.



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

Fuel Filler Pipe

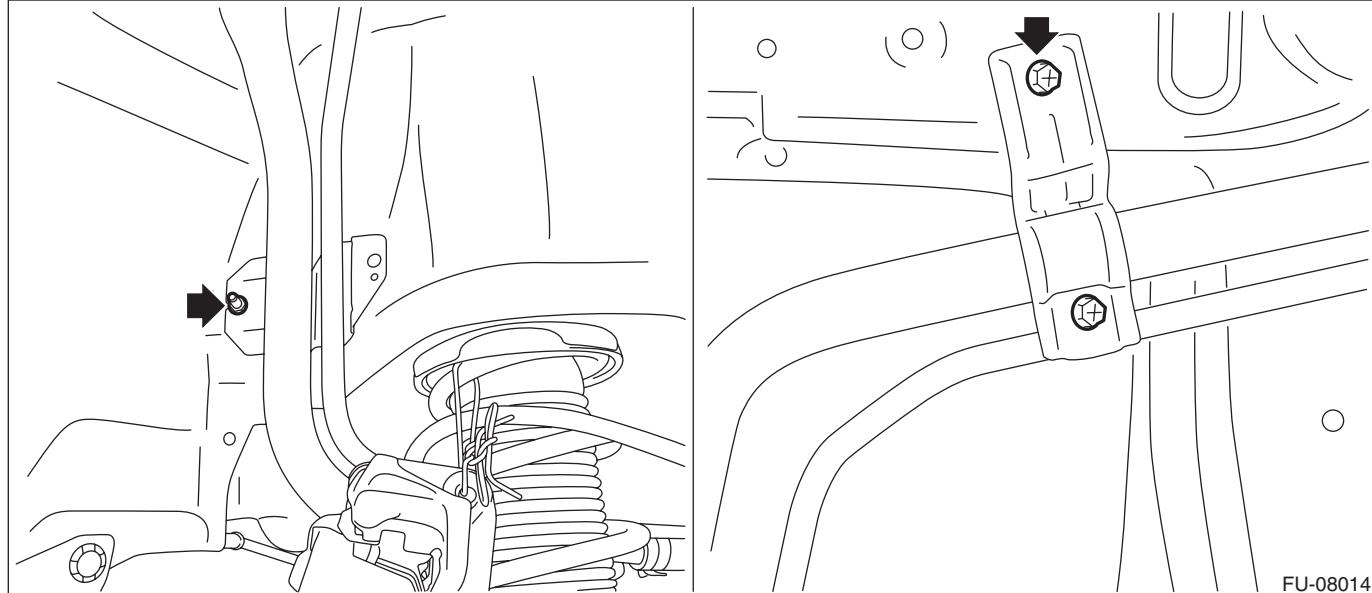
FUEL INJECTION (FUEL SYSTEMS)

B: INSTALLATION

- 1) Open the fuel filler lid.
- 2) Insert the fuel filler pipe assembly into the rubber saucer from inside of the rear fender.
- 3) Install the fuel filler pipe assembly to the vehicle.

Tightening torque:

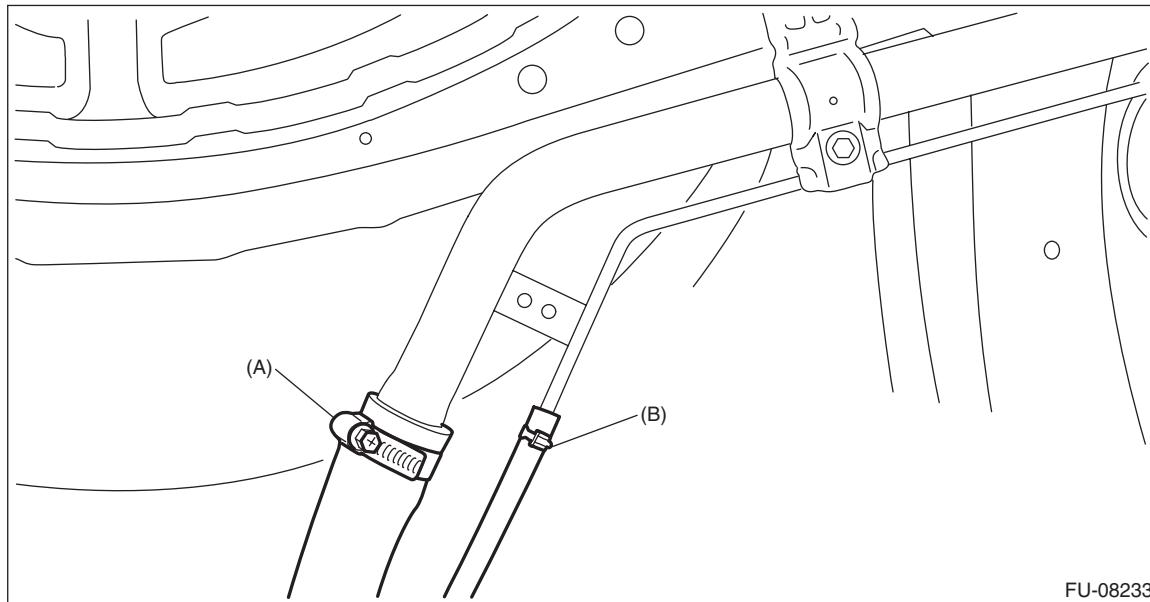
7.5 N·m (0.8 kgf·m, 5.5 ft-lb)

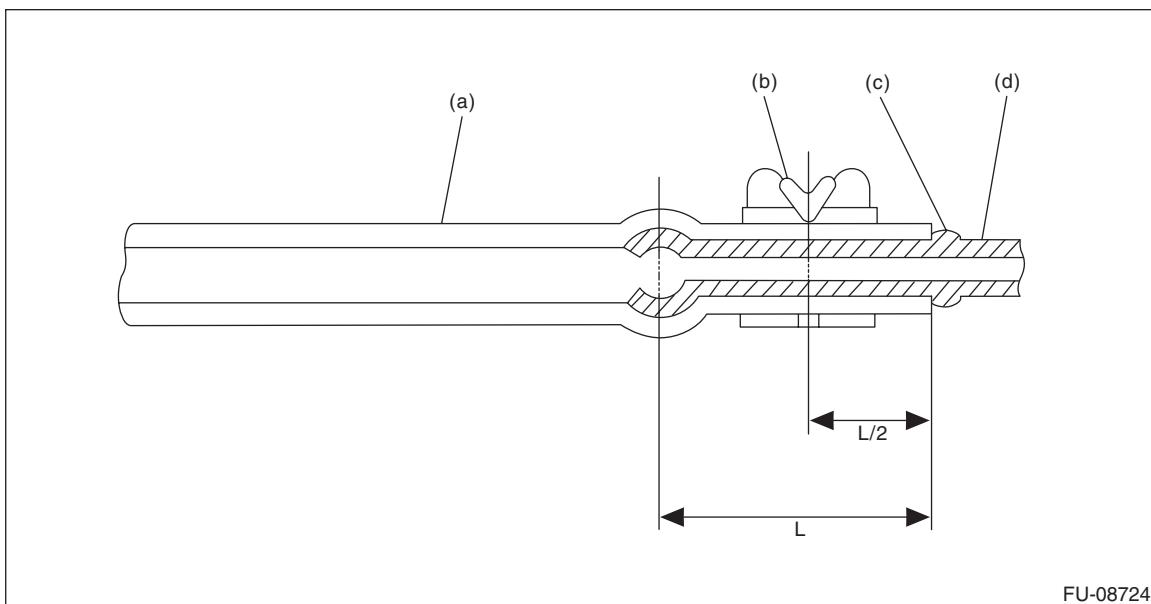


- 4) Securely insert the fuel filler hose (A) and evaporation hose (B) until the hose end contacts the spool, then attach the clamp or clip as shown in the figure.

Tightening torque:

2.5 N·m (0.3 kgf·m, 1.8 ft-lb)





(a) Hose

(c) Spool or bump

(d) Pipe

(b) Clamp or clip

FU-08724

- 5) Install the rear mud guard RH. <Ref. to EI-33, INSTALLATION, Mud Guard.>
- 6) Install the rear sub frame assembly. <Ref. to RS-15, INSTALLATION, Rear Sub Frame.>
- 7) Connect the battery ground terminal. <Ref. to NT-5, BATTERY, NOTE, Note.>
- 8) Inspect the wheel alignment and adjust if necessary. <Ref. to FS-7, Wheel Alignment.>
- 9) Perform reinitialization of the auto headlight beam leveler system. (Model with auto headlight beam leveler) <Ref. to LI-20, PROCEDURE, Auto Headlight Beam Leveler System.>
- 10) Adjust the steering angle sensor. <Ref. to VDC-26, ADJUSTMENT, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>

C: 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.