

Fuel Filler Pipe

FUEL INJECTION (FUEL SYSTEMS)

36. Fuel Filler Pipe

A: REMOVAL

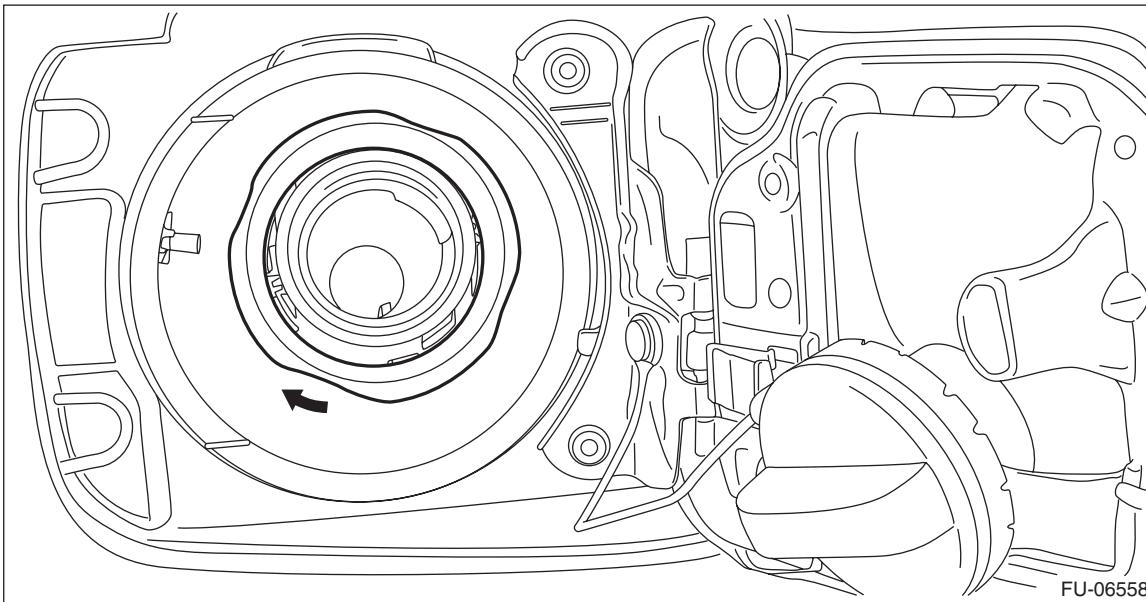
WARNING:

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

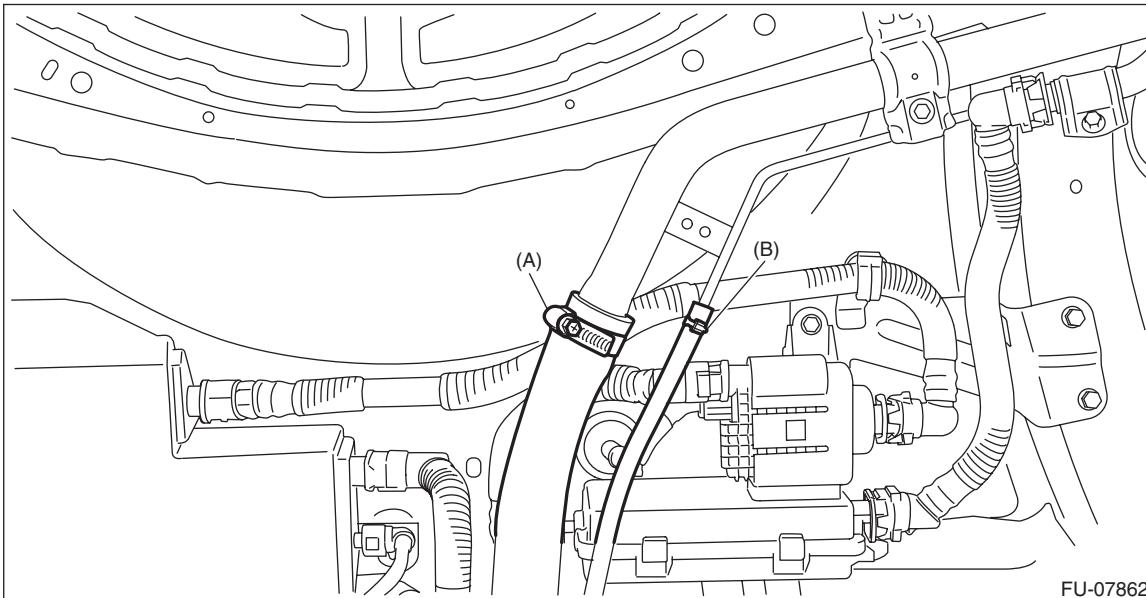
CAUTION:

Be careful not to spill fuel.

- 1) Release the fuel pressure. <Ref. to FU(H4DOTC)-152, RELEASING OF FUEL PRESSURE, PROCEDURE, Fuel.>
- 2) Drain fuel. <Ref. to FU(H4DOTC)-152, DRAINING FUEL (WITH SUBARU SELECT MONITOR), PROCEDURE, Fuel.>
- 3) Disconnect the ground cable from battery.
- 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-10, REMOVAL, Rear Sub Frame.>
- 7) Remove the rear mud guard RH. <Ref. to EI-24, REMOVAL, Mud Guard.>
- 8) Disconnect fuel filler hose (A) and air vent hose (B) from the fuel filler pipe assembly.



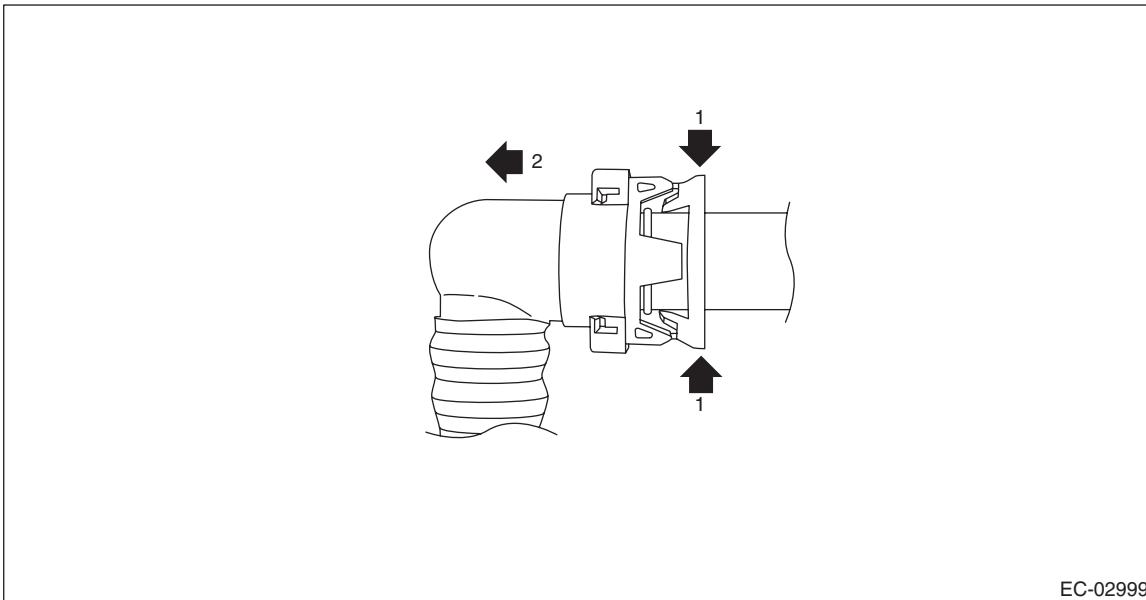
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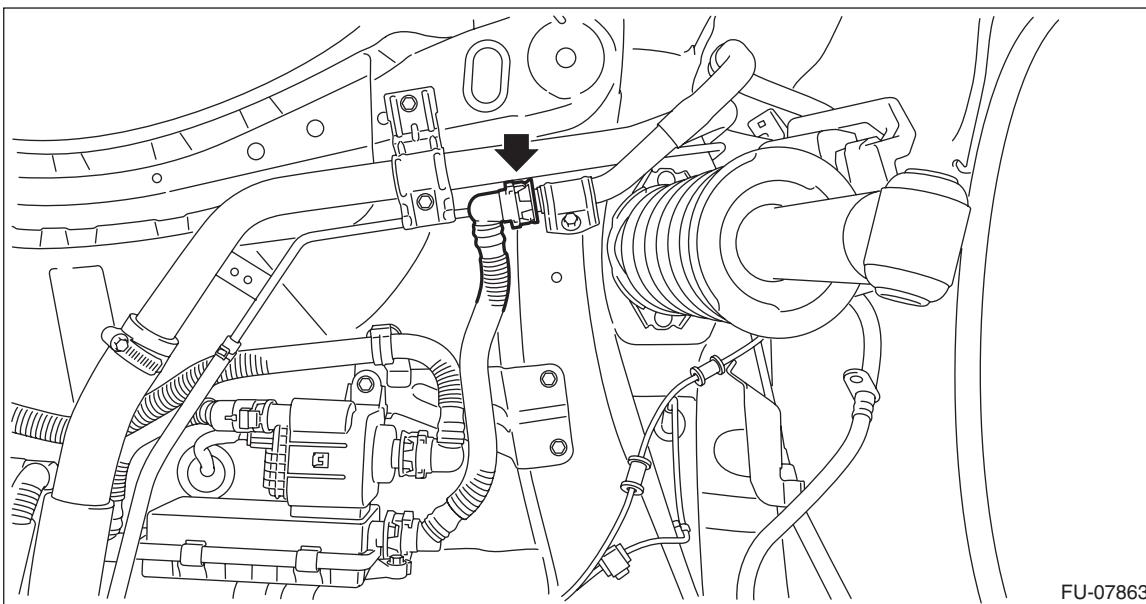
9) Disconnect the quick connectors for the drain pipe from the fuel filler pipe assembly.

NOTE:

Disconnect the quick connector as shown in the figure.



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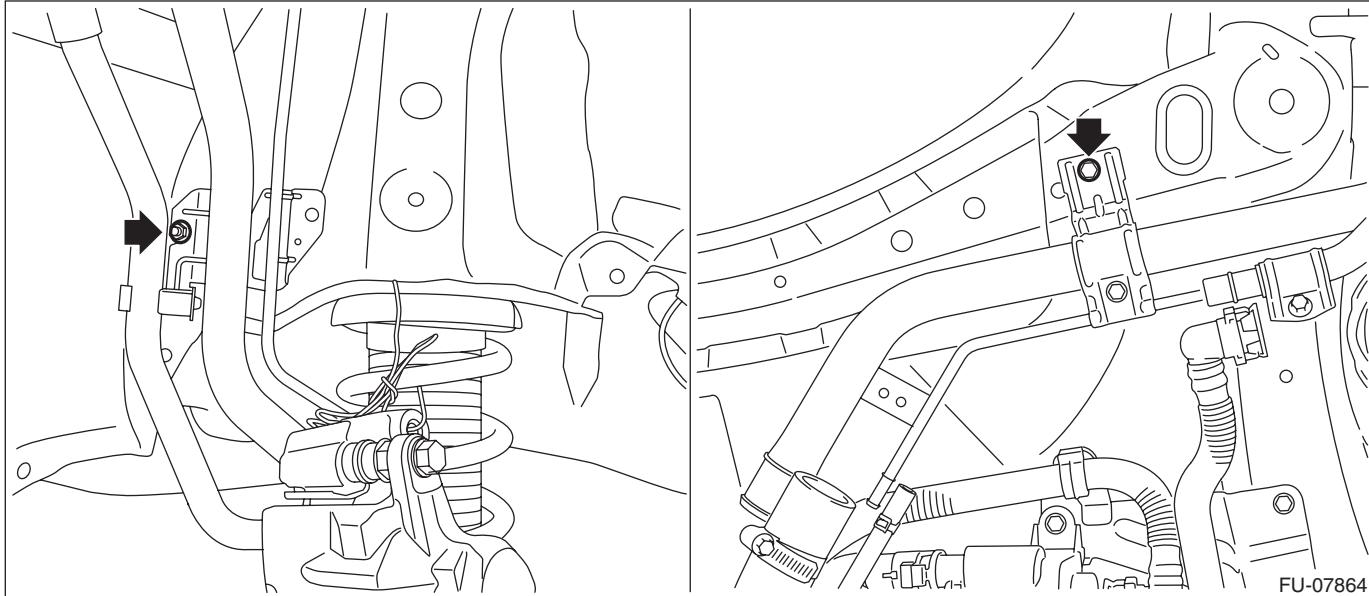


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10) Remove the bolts and nuts which secure the fuel filler pipe assembly to the vehicle.



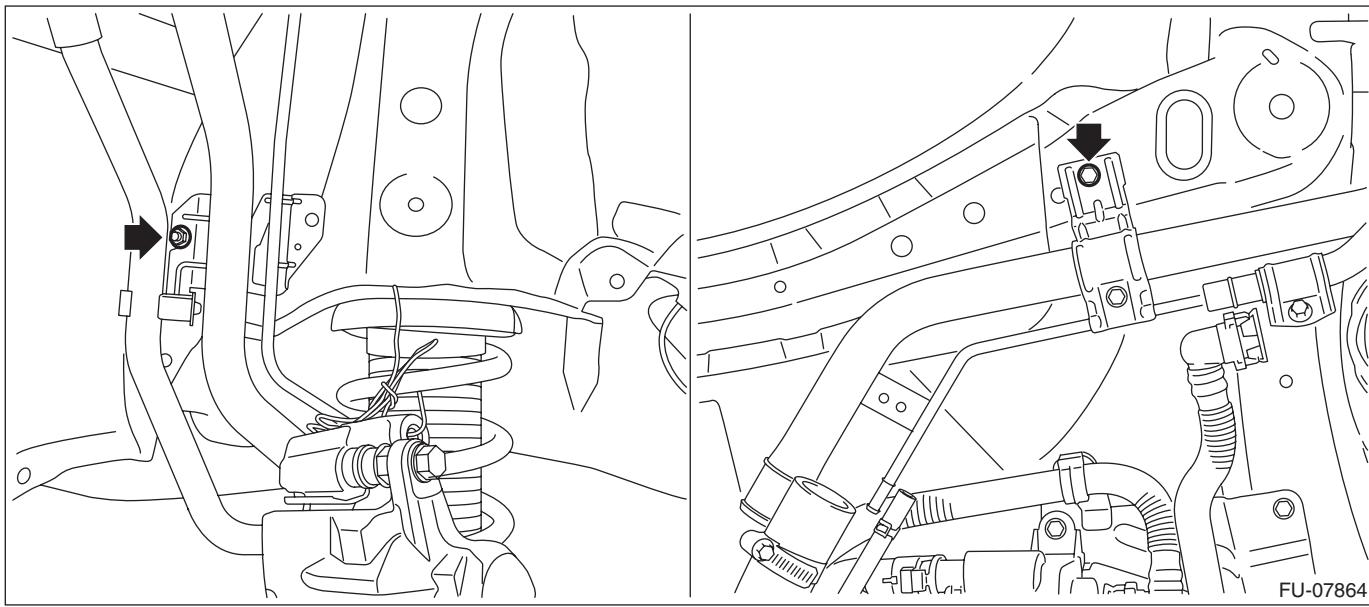
11) Remove the fuel filler pipe assembly from the underside of the vehicle.

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)



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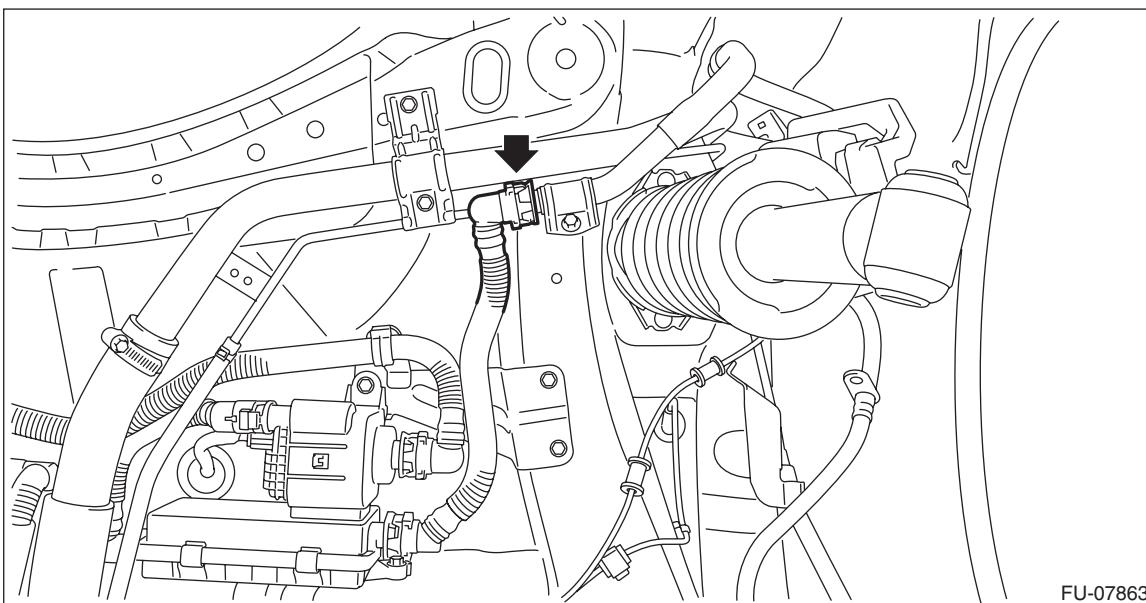
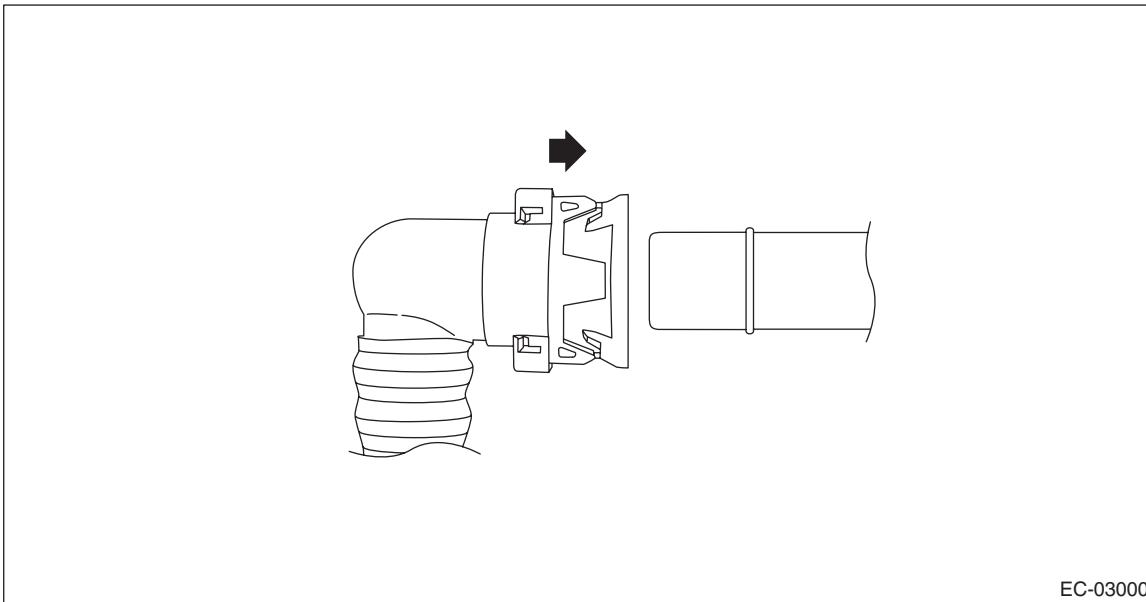
4) Connect the quick connector for drain pipe to the fuel filler pipe assembly.

CAUTION:

- Check that there is no damage or dust on the quick connector. If necessary, clean the seal surface of the pipe.
- Make sure that the quick connector is securely connected.

NOTE:

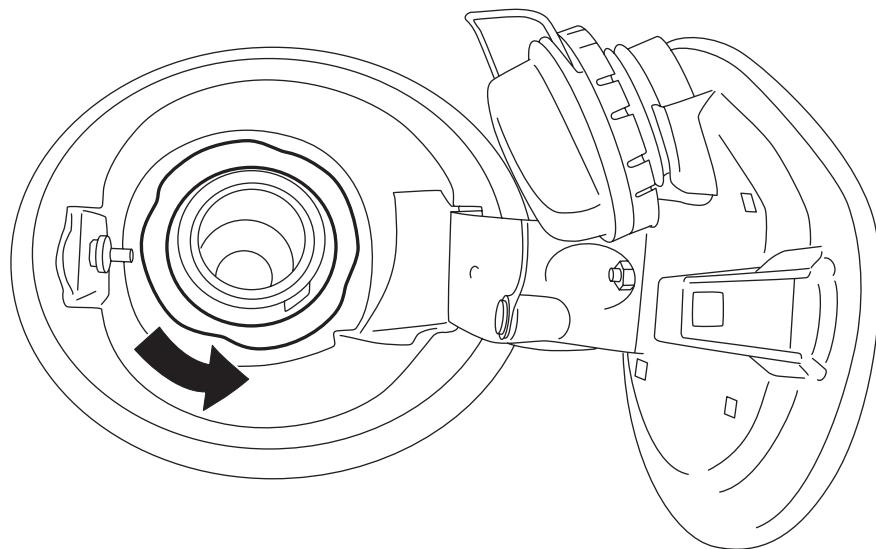
Connect the quick connector as shown in the figure.



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5) Align the cutout on the fuel filler pipe protector and the protrusion of the neck holder and insert them all the way, and then turn the fuel filler pipe protector in the direction of the arrow until it is locked.

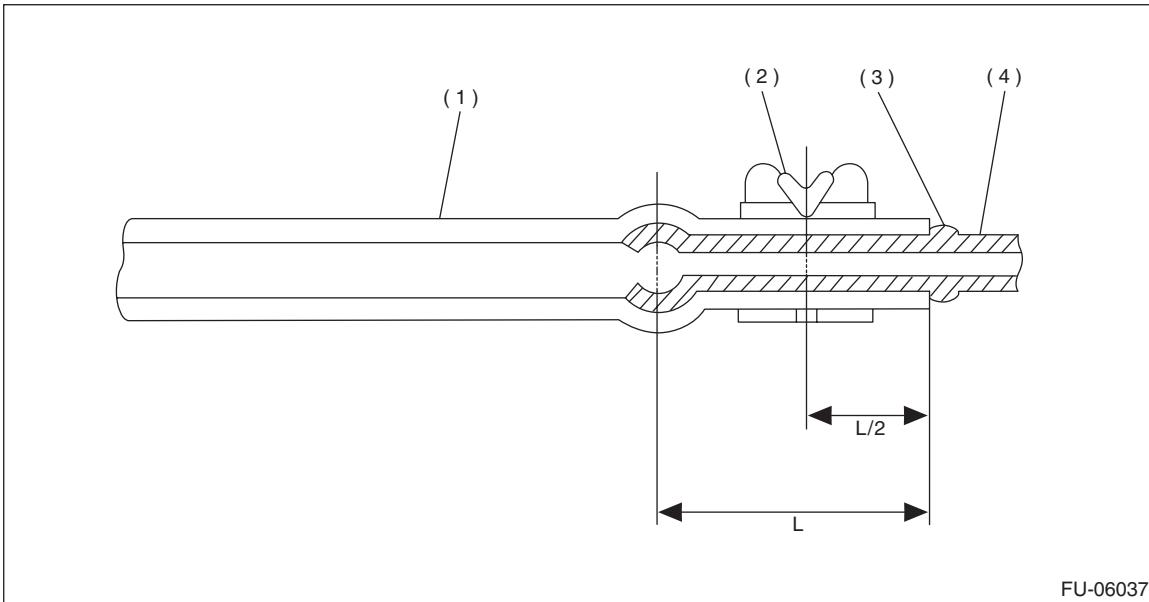
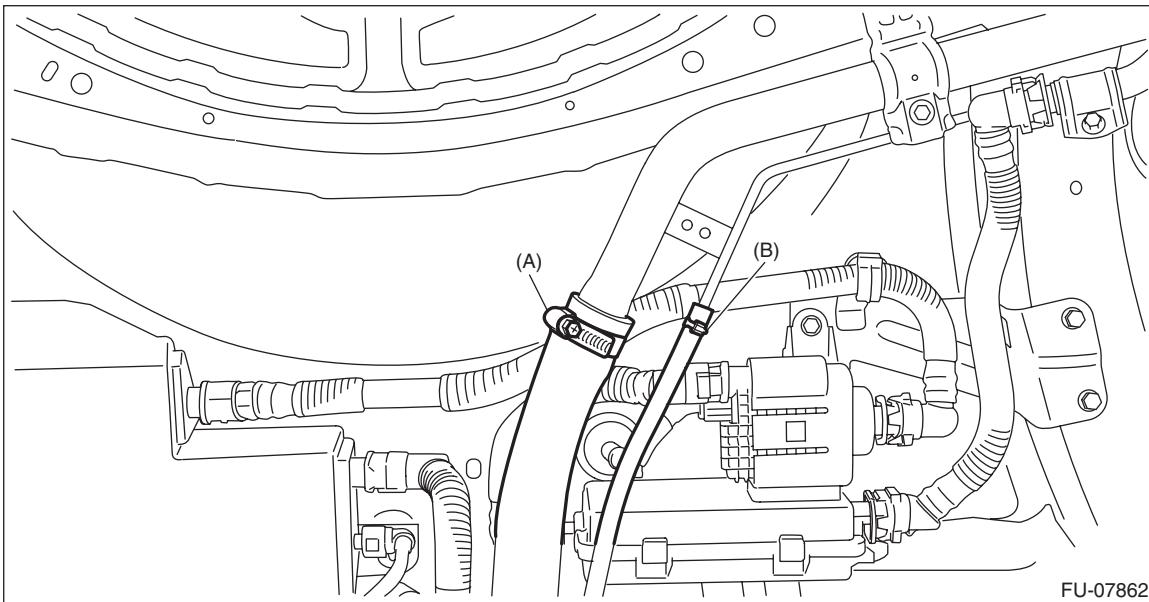


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6) Securely insert the fuel filler hose (A) and air vent hose (B) to the spool, then install the clamp or clip as shown in the figure.

Tightening torque:

2.5 N·m (0.3 kgf·m, 1.8 ft-lb)



(1) Hose

(3) Spool

(4) Pipe

(2) Clamp or clip

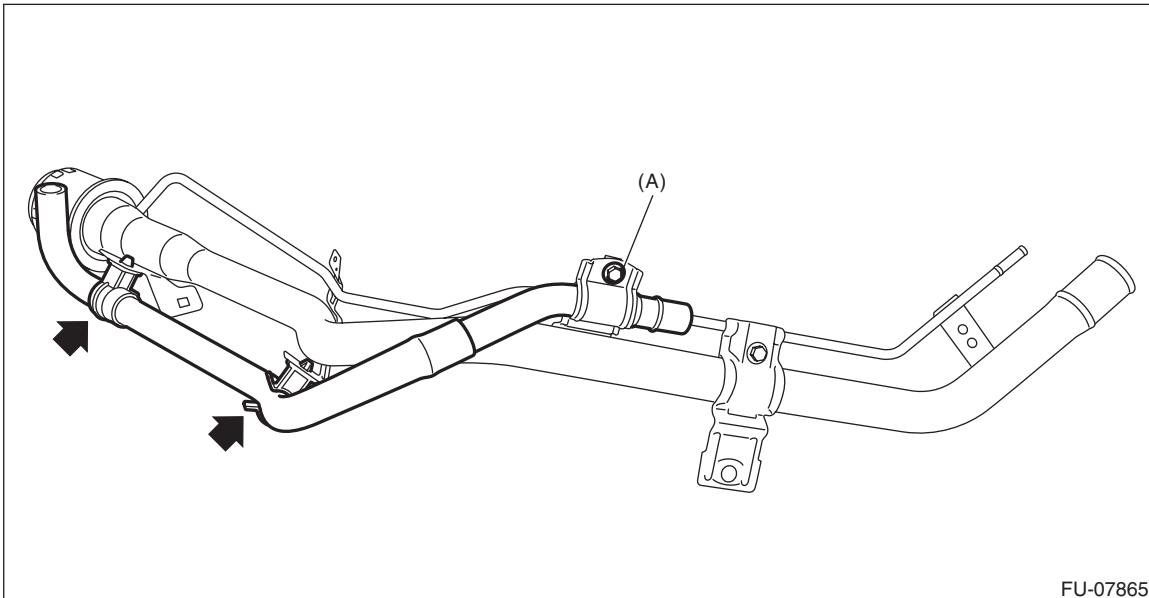
7) Install the rear mud guard RH.<Ref. to EI-24, INSTALLATION, Mud Guard.>
 8) Install the rear sub frame assembly.<Ref. to RS-15, INSTALLATION, Rear Sub Frame.>
 9) Connect the battery ground terminal.
 10) Inspect the wheel alignment and adjust if necessary.<Ref. to FS-7, Wheel Alignment.>
 11) Perform reinitialization of the auto headlight beam leveler system. (Model with auto headlight beam leveler)<Ref. to LI-17, PROCEDURE, Auto Headlight Beam Leveler System.>
 12) Adjust the steering angle sensor.<Ref. to VDC-23, ADJUSTMENT, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>

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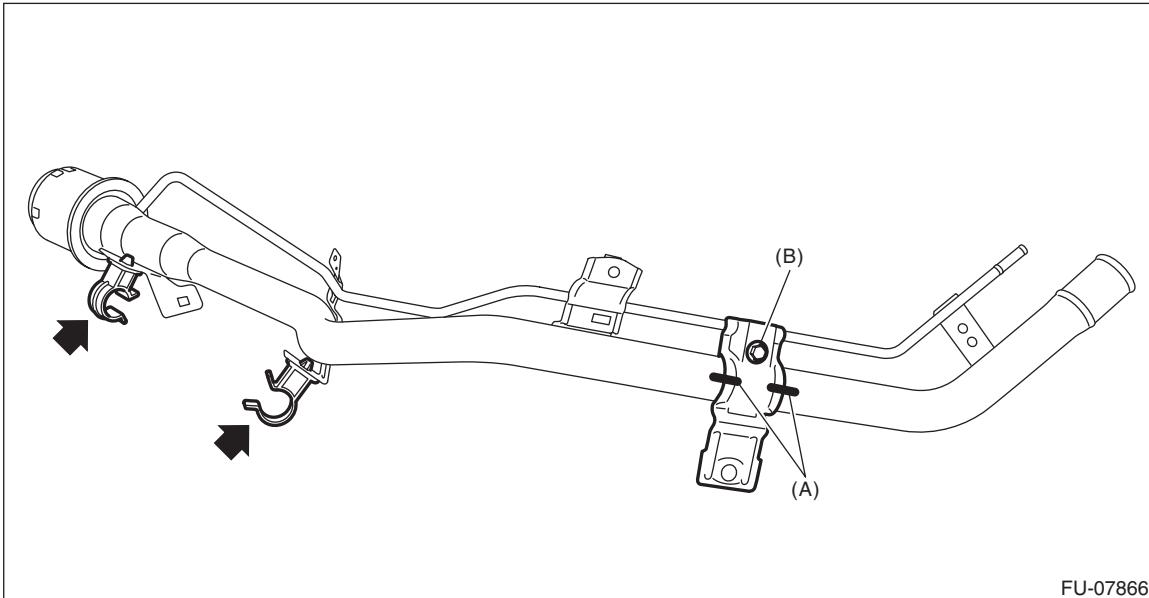
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C: DISASSEMBLY

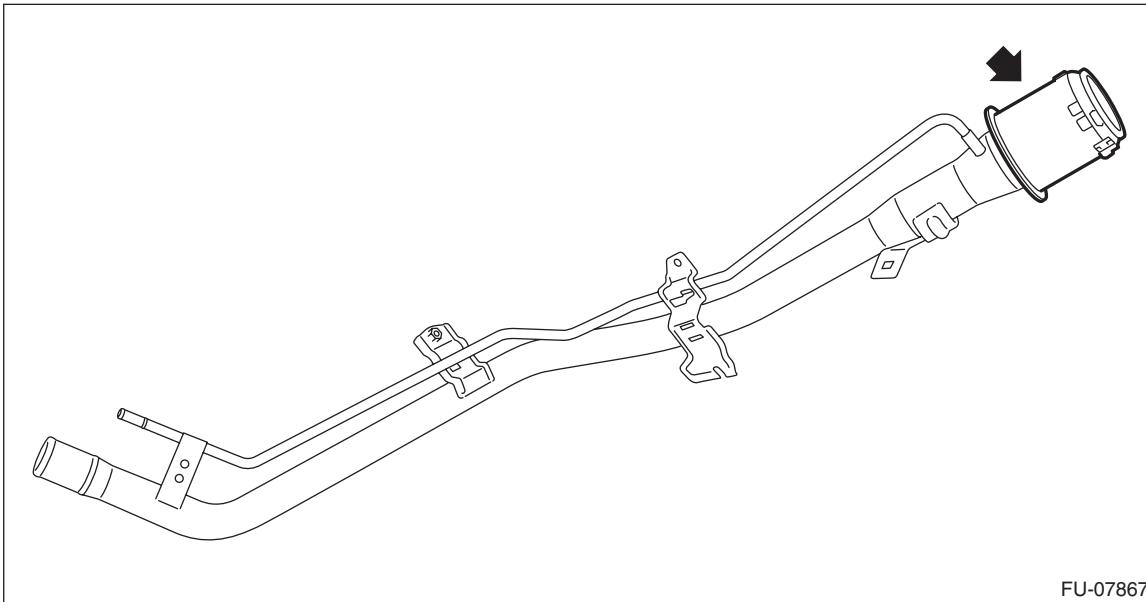
- 1) Remove the bracket bolt (A) securing the drain pipe, and remove the drain hose from the clip for the fuel filler pipe.



- 2) Using a marker pen, make alignment marks (A) on the fuel filler pipe and the bracket.
- 3) Remove the bracket bolt (B) securing the fuel filler pipe, and remove the clip from the fuel filler pipe.



- 4) Remove the neck holder from the fuel filler pipe.



D: ASSEMBLY

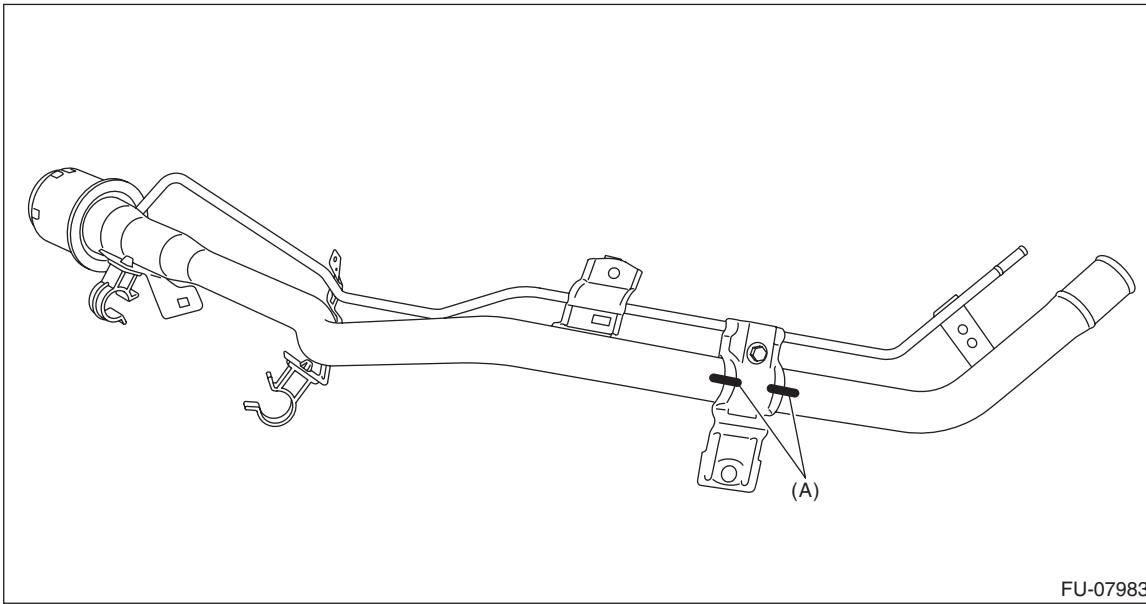
Assemble in the reverse order of disassembly.

NOTE:

- Use a new neck holder.
- Install the bracket to the fuel filler pipe by aligning the alignment marks (A).

Tightening torque:

7.5 N·m (0.8 kgf·m, 5.5 ft-lb)



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.