

FUEL PUMP

FUEL INJECTION (FUEL SYSTEMS)

25. Fuel Pump

A: REMOVAL

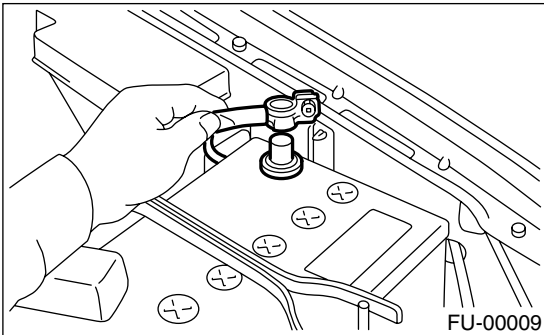
WARNING:

- Place “NO FIRE” signs near the working area.
- Be careful not to spill fuel on the floor.
- During work procedures, if fuel tank is more than 3/4 full, be careful because fuel may spill.

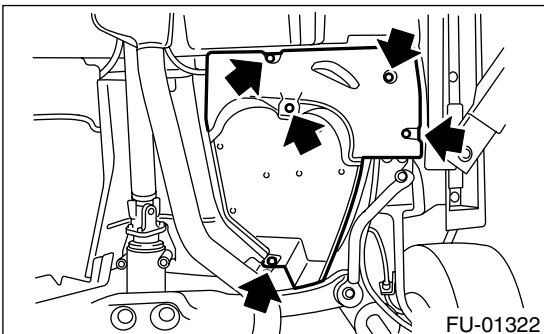
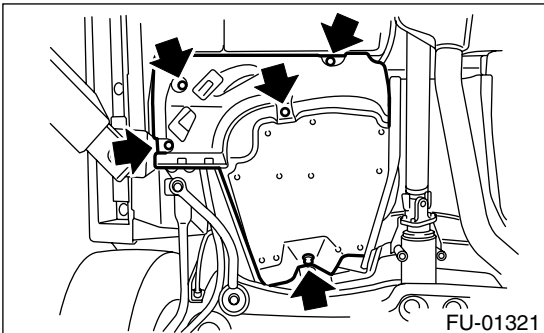
NOTE:

Fuel pump assembly consists of fuel pump and fuel level sensor.

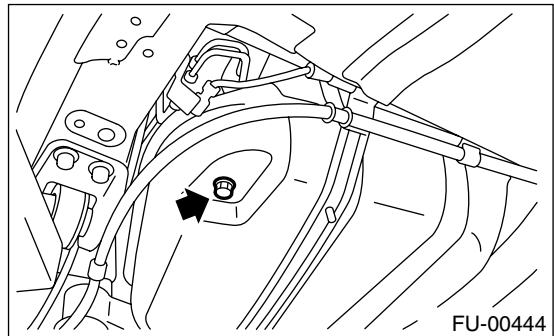
- 1) Release fuel pressure. <Ref. to FU(H4DOTC)-47, RELEASING OF FUEL PRESSURE, OPERATION, Fuel.>
- 2) Open fuel filler flap lid and remove fuel filler cap.
- 3) Disconnect battery ground cable.



- 4) Lift-up the vehicle.
- 5) Remove front side fuel tank cover.



- 6) Drain fuel from fuel tank. Set a container under the vehicle and remove drain plug from fuel tank.



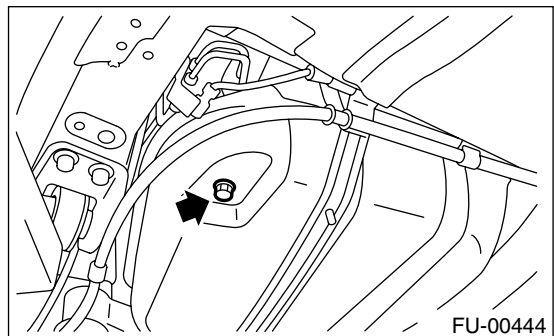
- 7) Tighten fuel drain plug and install front right side fuel tank cover.

NOTE:

Replace gasket with new one.

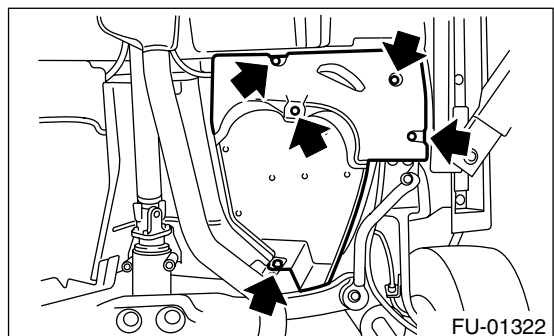
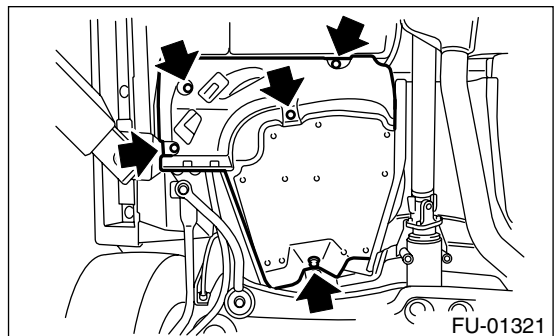
Tightening torque:

26 N·m (2.65 kgf-m, 19.2 ft-lb)



Tightening torque:

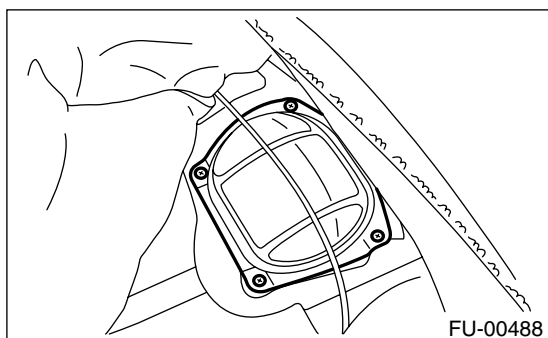
18 N·m (1.8 kgf-m, 13.0 ft-lb)



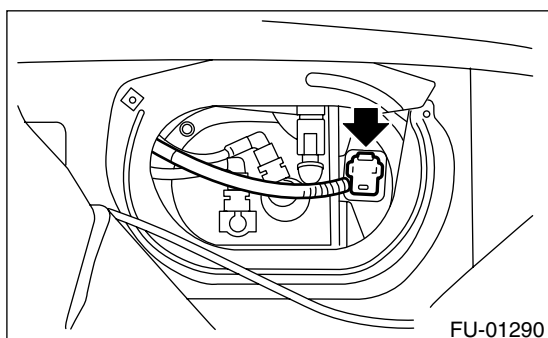
FUEL PUMP

FUEL INJECTION (FUEL SYSTEMS)

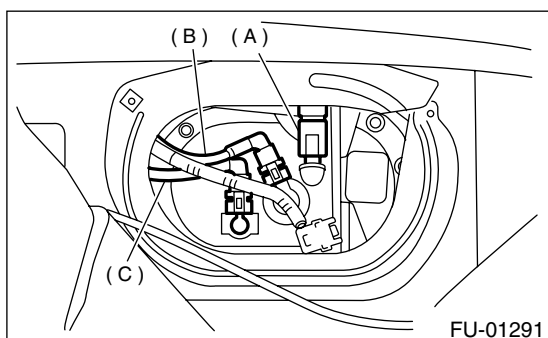
- 8) Raise rear seat and turn floor mat up.
- 9) Remove access hole lid.



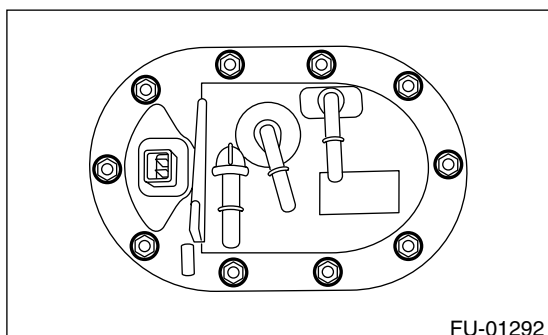
- 10) Disconnect connector from fuel pump.



- 11) Move clips and then disconnect jet pump hose (C).
- 12) Disconnect quick connector and then disconnect fuel delivery hose (A) and return hose (B).
<Ref. to FU(H4DOTC)-74, REMOVAL, Fuel Delivery, Return and Evaporation Lines.>



- 13) Remove nuts which install fuel pump assembly onto fuel tank.



- 14) Take off fuel pump assembly from fuel tank.

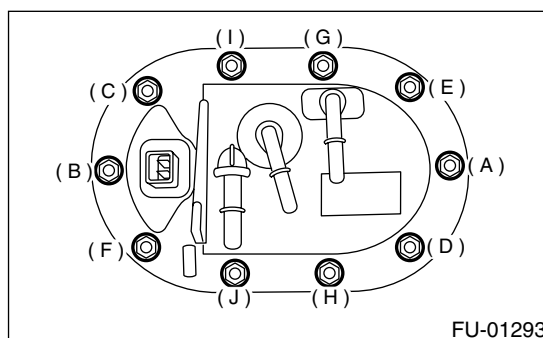
B: INSTALLATION

Install in the reverse order of removal. Do the following:

- (1) Always use new gaskets.
- (2) Ensure sealing portion is free from fuel or foreign particles before installation.
- (3) Tighten nuts in alphabetical sequence shown in figure to specified torque.

Tightening torque:

5.9 N·m (0.6 kgf-m, 4.3 ft-lb)

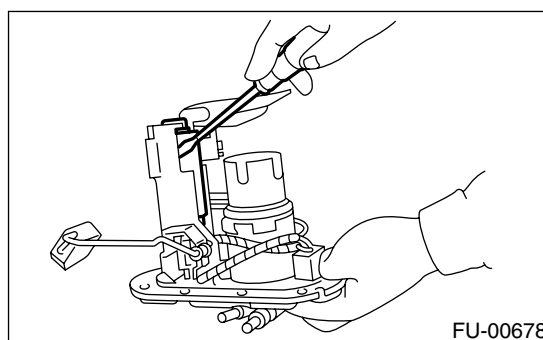


C: Disassembly

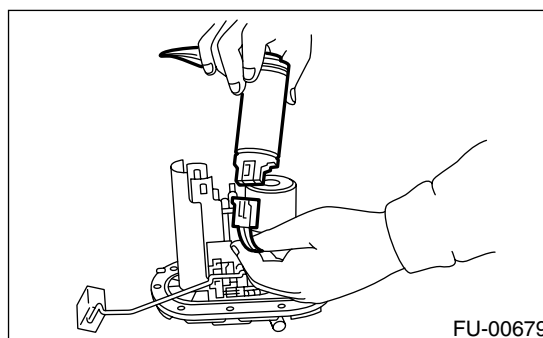
- 1) Remove fuel pump and pump holder.

NOTE:

When disassembling pump holder, be careful as it is installed with two pawls.



- 2) Disconnect connector from fuel pump.



D: ASSEMBLY

Assemble in the reverse order of disassembly.

FUEL PUMP

FUEL INJECTION (FUEL SYSTEMS)

E: INSPECTION

Connect lead harness to connector terminal of fuel pump and apply battery power supply to check whether the pump operate.

WARNING:

- Wipe off the fuel completely.
- Keep battery as far apart from fuel pump as possible.
- Be sure to turn the battery supply ON and OFF on the battery side.
- Do not run fuel pump for a long time under non-load condition.

