

21. Fuel

A: PROCEDURE

1. RELEASING OF FUEL PRESSURE

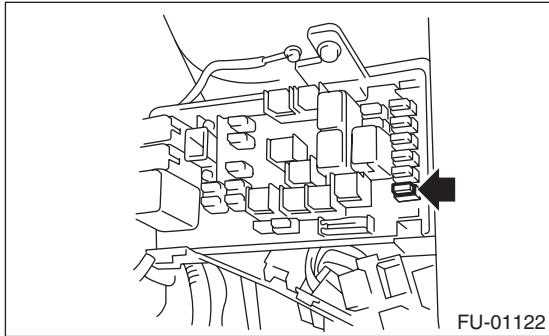
WARNING:

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

CAUTION:

Be careful not to spill fuel.

- 1) Remove the fuse of fuel pump from main fuse box.



- 2) Start the engine and run it until it stalls.
- 3) After the engine stalls, crank it for five more seconds.
- 4) Turn the ignition switch to OFF.

2. DRAINING FUEL

WARNING:

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

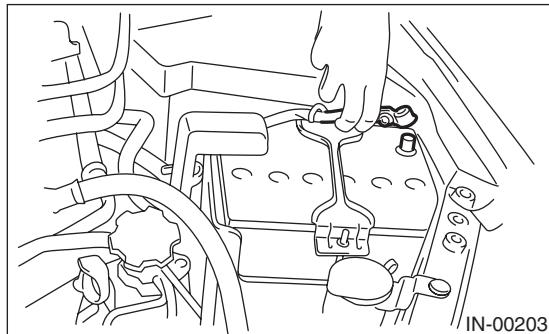
CAUTION:

Be careful not to spill fuel.

NOTE:

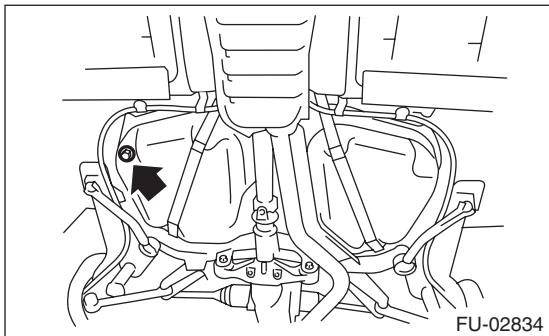
For the fuel tank without fuel drain plug, refer to DRAINING FUEL (WITH SUBARU SELECT MONITOR). <Ref. to FU(H6DO)-39, DRAINING FUEL (WITH SUBARU SELECT MONITOR), PROCEDURE, Fuel.>

- 1) Set the vehicle on a lift.
- 2) Disconnect the ground cable from the battery.



- 3) Open the fuel filler flap lid, and remove the fuel filler cap.

- 4) Lift up the vehicle.
- 5) Remove the fuel tank protector.
- 6) Set a container under the vehicle and remove the fuel drain plug from fuel tank to drain fuel from fuel tank.



- 7) Tighten the fuel drain plugs.

NOTE:

Use a new gasket.

Tightening torque:

26 N·m (2.65 kgf·m, 19.2 ft-lb)

- 8) Install the fuel tank protector.

NOTE:

Use a new nut.

Tightening torque:

Nut

9 N·m (0.9 kgf·m, 6.6 ft-lb)

Bolt

17.5 N·m (1.78 kgf·m, 12.9 ft-lb)

- 9) Lower the vehicle.

3. DRAINING FUEL (WITH SUBARU SELECT MONITOR)

WARNING:

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

CAUTION:

Be careful not to spill fuel.

NOTE:

- If the fuel pump cannot be actuated, refer to DRAINING FUEL (THROUGH THE FUEL FILLER HOSE) <Ref. to FU(H6DO)-39, DRAINING FUEL (THROUGH THE FUEL FILLER HOSE), PROCEDURE, Fuel.>

- Be careful not to allow the battery to go flat.

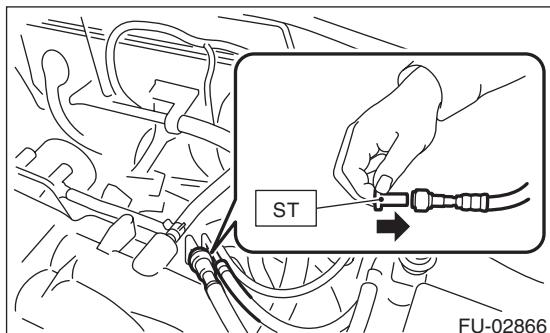
- 1) Release the fuel pressure. <Ref. to FU(H6DO)-38, RELEASING OF FUEL PRESSURE, PROCEDURE, Fuel.>

- 2) Attach ST to the fuel delivery pipe and push ST in the direction of arrow mark to disconnect the fuel delivery hose.

ST 42099AE000 CONNECTOR REMOVER

CAUTION:

- Be careful not to spill fuel.
- Catch the fuel from hoses using a container or cloth.



3) Connect ST to the fuel delivery hose.

ST 18471AA000 FUEL PIPE ADAPTER

4) Connect the gasoline proof hose to ST, and put the hose end into the container.

5) Actuate the fuel pump and drain the fuel using Subaru Select Monitor. <Ref. to EN(H6DO)(diag)-57, IDLE SPEED CONTROL, OPERATION, System Operation Check Mode.>

CAUTION:

Be careful not to spill fuel.

4. DRAINING FUEL (THROUGH THE FUEL FILLER HOSE)

WARNING:

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

CAUTION:

- Be careful not to spill fuel.
- Fuel may remain in the fuel filler pipe. Perform the work after draining the fuel from the fuel filler pipe through the fill opening using the gasoline proof pump and the gasoline proof hose (ø10 or less).

- 1) Set the vehicle on a lift.

- 2) Lift up the vehicle.

- 3) Remove the rear exhaust pipe and muffler. <Ref. to EX(H6DO)-7, REMOVAL, Rear Exhaust Pipe.> <Ref. to EX(H6DO)-9, REMOVAL, Muffler.>

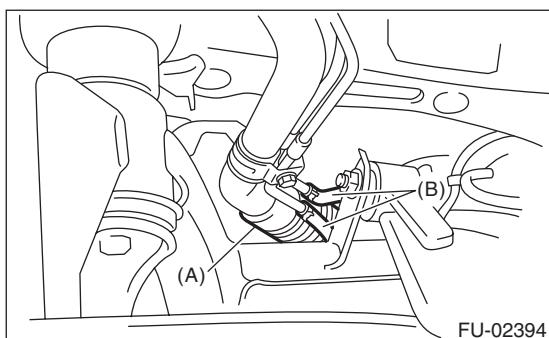
- 4) Open the fuel filler flap lid, and remove the fuel filler cap.

- 5) Drain the fuel from the fuel filler pipe through the fill opening using the gasoline proof pump and the gasoline proof hose (ø10 or less).

- 6) Disconnect the fuel filler hose (A) from the fuel filler pipe.

CAUTION:

- Be careful not to spill fuel.
- Catch the fuel from hoses using a container or cloth.



(A) Fuel filler hose

(B) Evaporation hose

- 7) Set a container under the vehicle and insert the gasoline proof hose (ø10 or less) into the fuel filler hose to drain the fuel.

CAUTION:

Be careful not to spill fuel.