

28. Fuel Filter

A: REMOVAL

WARNING:

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

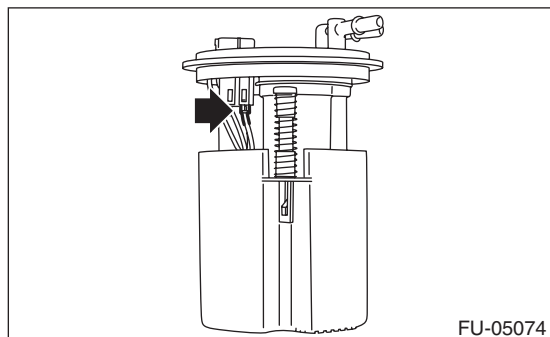
CAUTION:

- Be careful not to spill fuel.
- If the fuel gauge indicates that two thirds or more of the fuel is remaining, be sure to drain fuel before starting work to avoid the fuel to spill.
- Be careful not to drop or apply any impact to the fuel pump during work. This may deteriorate its performance.

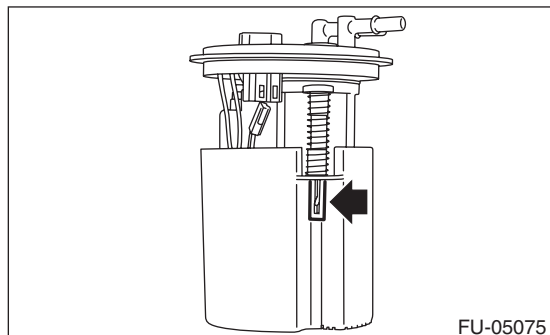
NOTE:

The fuel filter is built in fuel pump assembly.

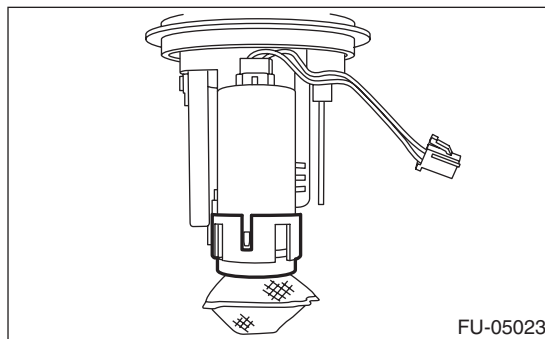
- 1) Remove the fuel pump assembly. <Ref. to FU(H6DO)-69, REMOVAL, Fuel Pump.>
- 2) Remove the fuel level sensor and fuel temperature sensor. <Ref. to FU(H6DO)-71, REMOVAL, Fuel Level Sensor.>
- 3) Disconnect the connector from the fuel filter assembly.



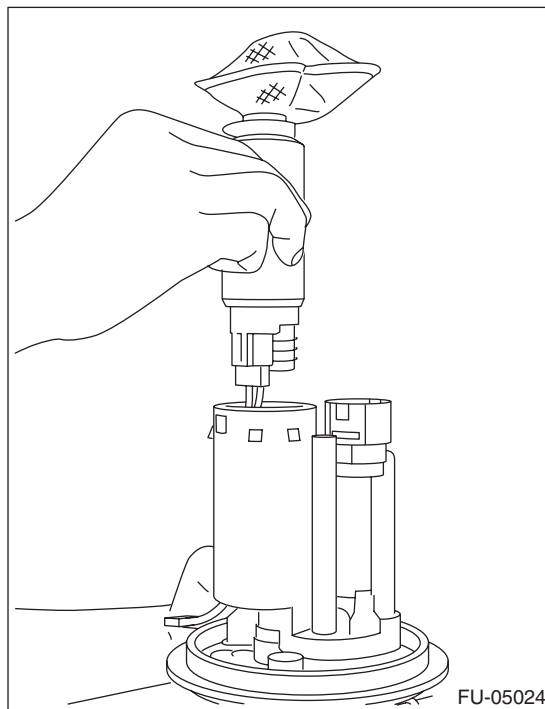
- 4) Disengage the claw connecting the fuel filter assembly and fuel chamber assembly, and separate fuel filter assembly and fuel chamber assembly.



- 5) Remove the fuel pump holder from the fuel filter assembly.



- 6) Remove the fuel pump from the fuel filter assembly.



B: INSTALLATION

- 1) Assemble the gasket spacer (A) and support rubber cushion (B) to the fuel pump, and install the fuel pump to the fuel filter assembly.

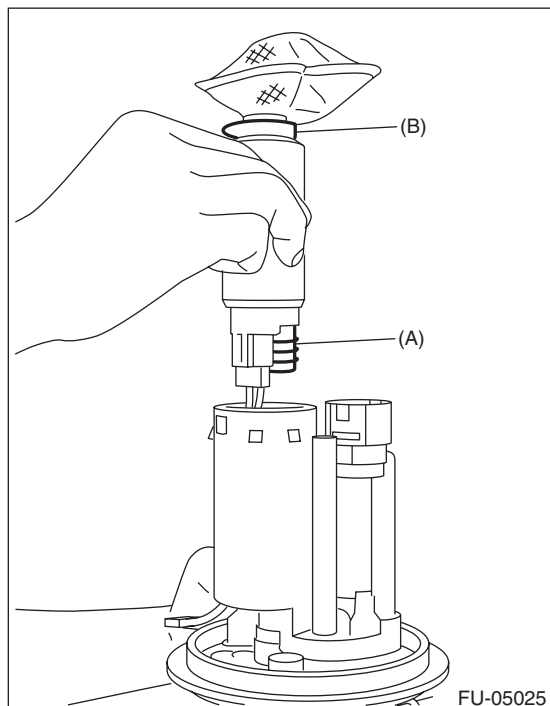
NOTE:

- Use a new gasket spacer.
- Use a new support rubber cushion.

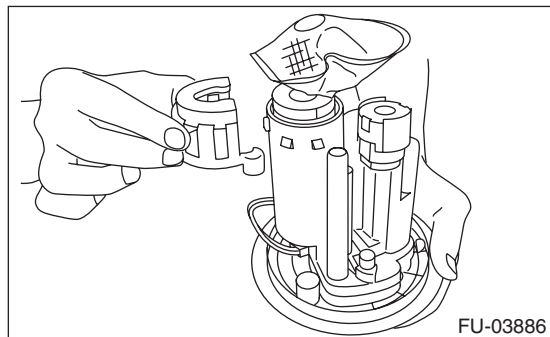
Fuel Filter

FUEL INJECTION (FUEL SYSTEMS)

- Apply gasoline to the surface of gasket spacer and support rubber cushion.



- 2) Install the fuel pump holder to the fuel filter assembly.

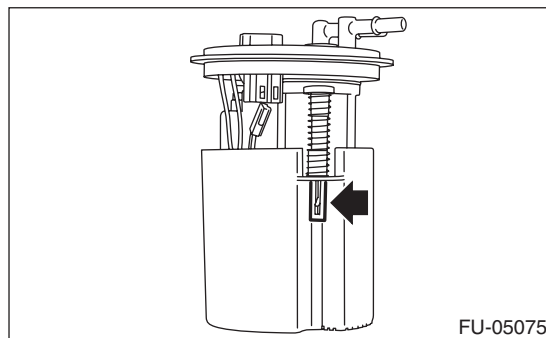
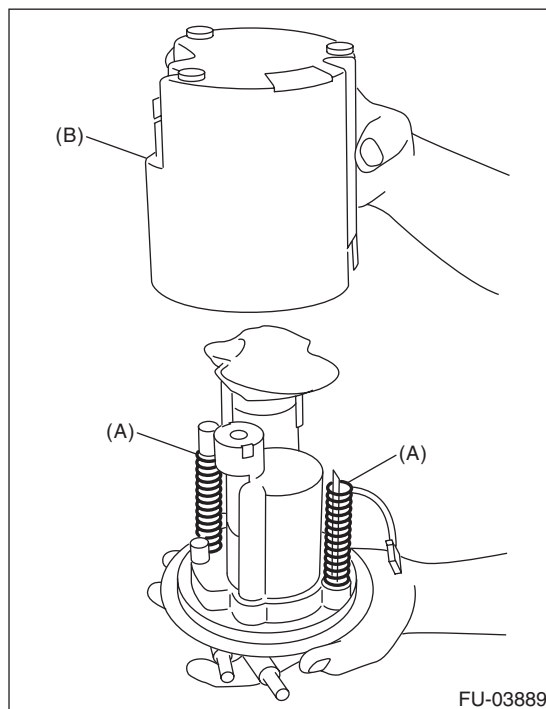


- 3) Install the pump module spring (A) to fuel filter assembly, and install the fuel chamber assembly (B).

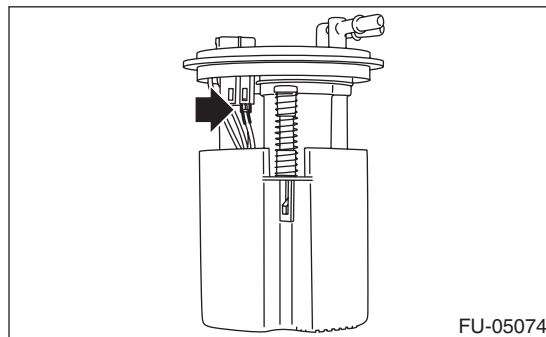
NOTE:

- Use a new fuel chamber assembly.

- Check that the claw connecting the fuel filter assembly and fuel chamber assembly is securely fastened.



- 4) Connect the fuel pump connector.



- 5) Install the fuel level sensor and fuel temperature sensor. <Ref. to FU(H6DO)-71, INSTALLATION, Fuel Level Sensor.>
- 6) Inspect the fuel level sensor. <Ref. to FU(H6DO)-71, INSPECTION, Fuel Level Sensor.>
- 7) Install the fuel pump assembly. <Ref. to FU(H6DO)-69, INSTALLATION, Fuel Pump.>