31.Fuel Filter

A: REMOVAL

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

CAUTION:
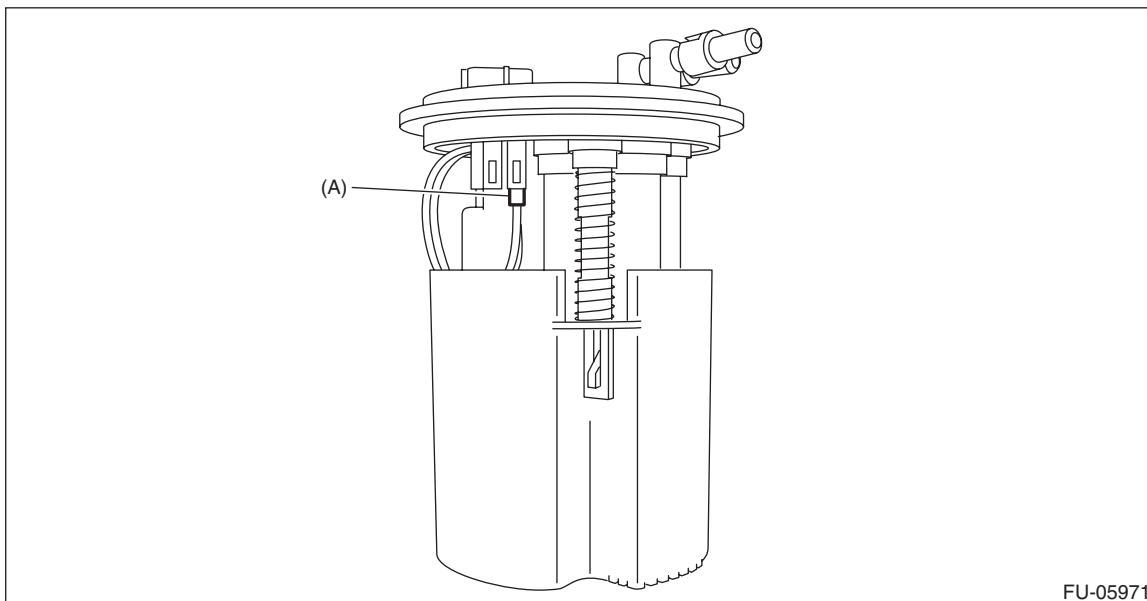• **Be careful not to spill fuel.**
• **If the fuel gauge indicates that two thirds or more of the fuel is remaining, be sure to drain fuel before starting work to avoid the fuel to spill.**
• **Be careful not to drop or apply any impact to the fuel pump during work. This may deteriorate its performance.**
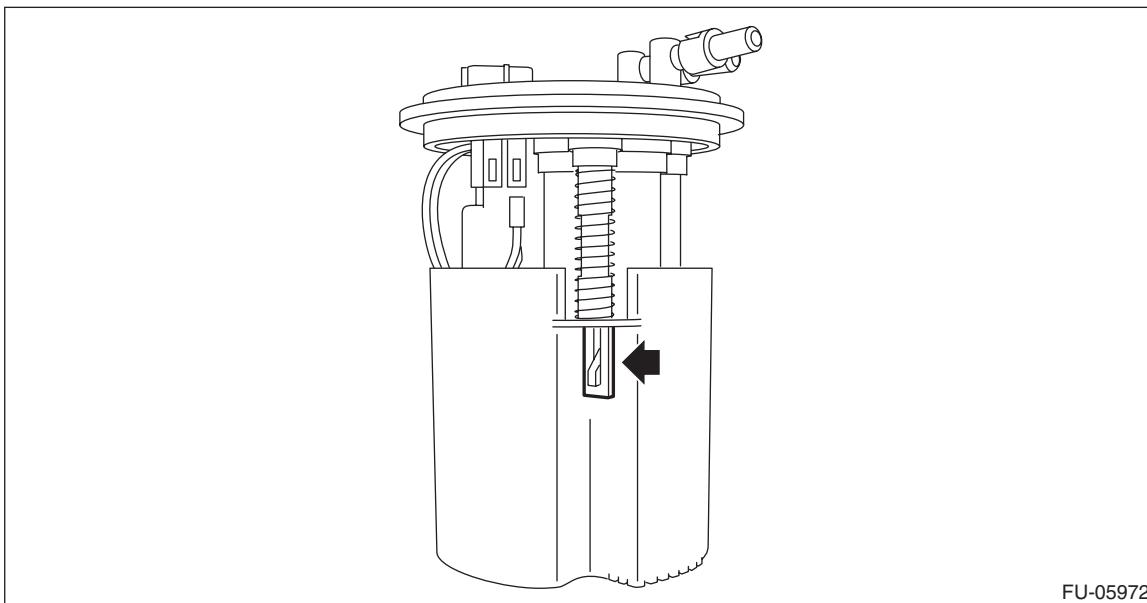
NOTE:
The fuel filter is built in fuel pump assembly.
1) Remove the fuel pump assembly. <Ref. to FU(H4DO)-139, REMOVAL, Fuel Pump.>
2) Remove the fuel level sensor. <Ref. to FU(H4DO)-144, REMOVAL, Fuel Level Sensor.>
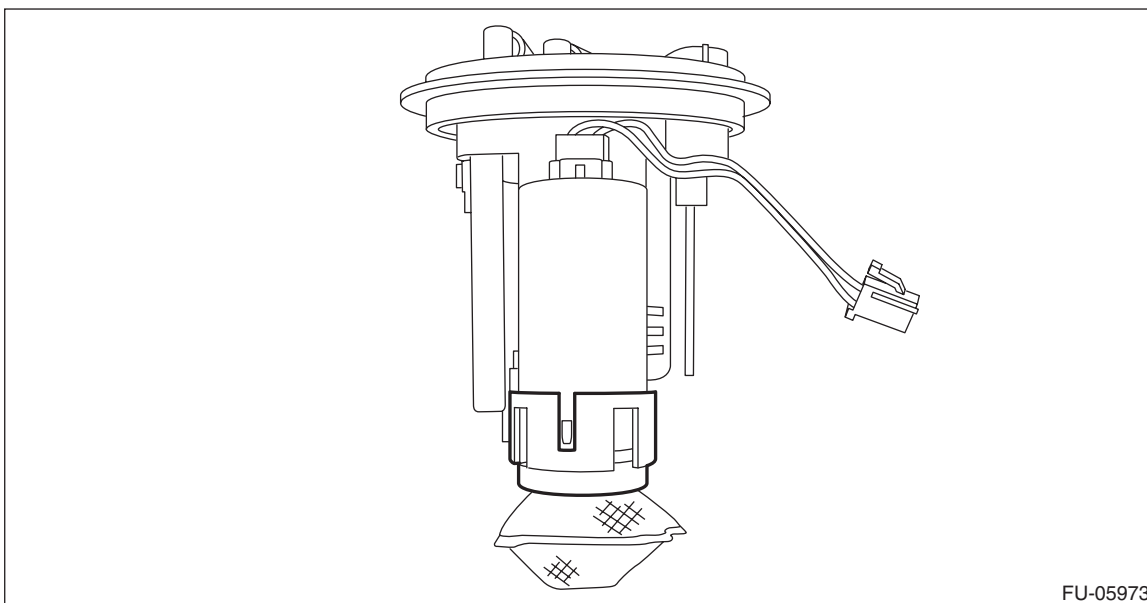3) Disconnect the fuel pump connector (A).

FU-05971

4) Remove the claw connecting the fuel filter assembly and fuel chamber assembly in order to separate the fuel filter assembly and fuel chamber assembly.

FU-05972

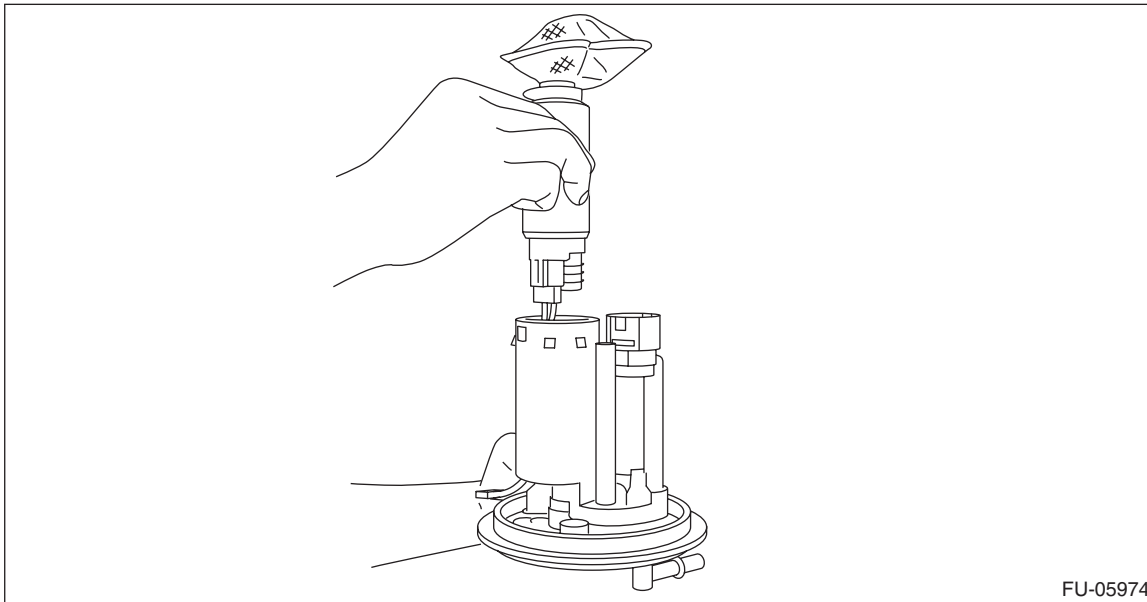5) Remove the fuel pump holder from the fuel filter assembly.

FU-05973

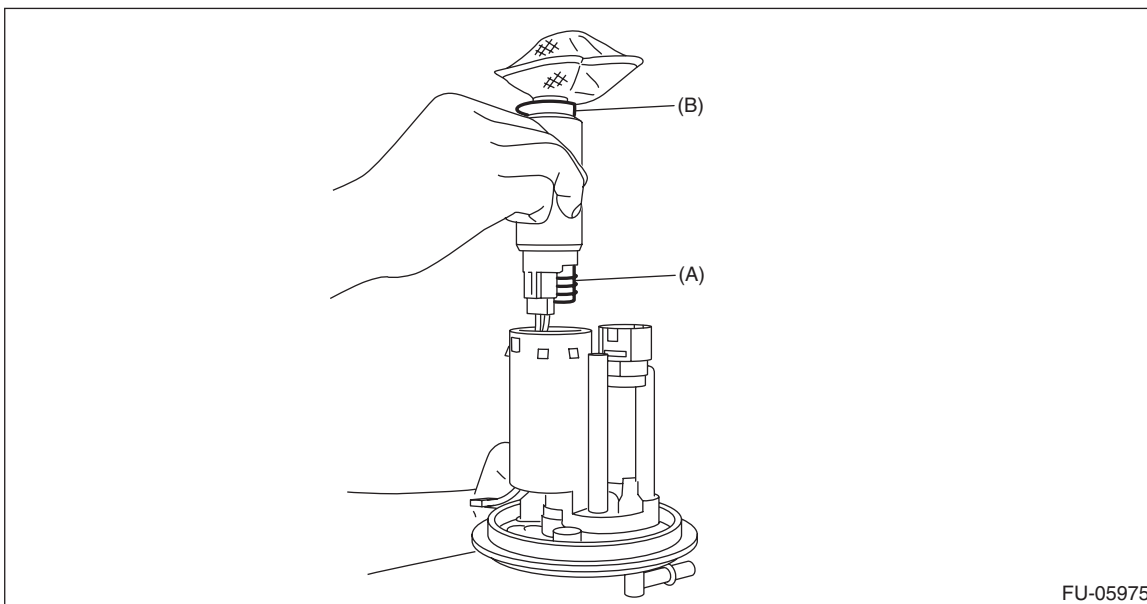6) Remove the fuel pump from the fuel filter assembly.

FU-05974

B: INSTALLATION

1) Assemble the packing spacer (A) and support rubber cushion (B) to the fuel pump, and install the fuel pump to the fuel filter assembly.
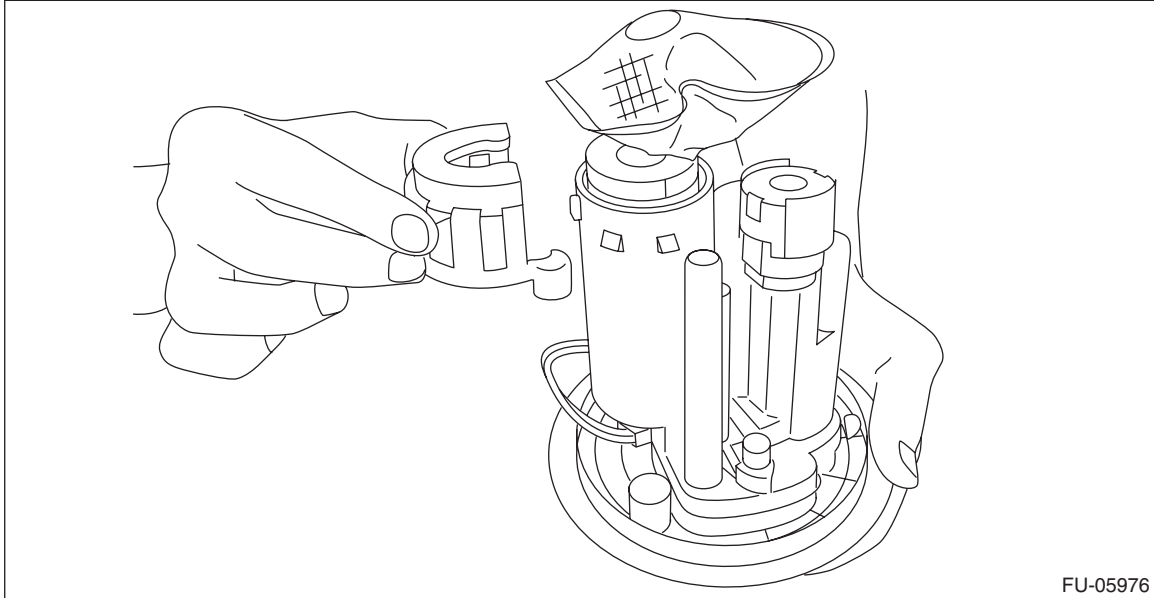
NOTE:
- Use a new packing spacer.
- Use a new support rubber cushion.
- Apply gasoline to the surface of packing spacer and support rubber cushion.

FU-05975

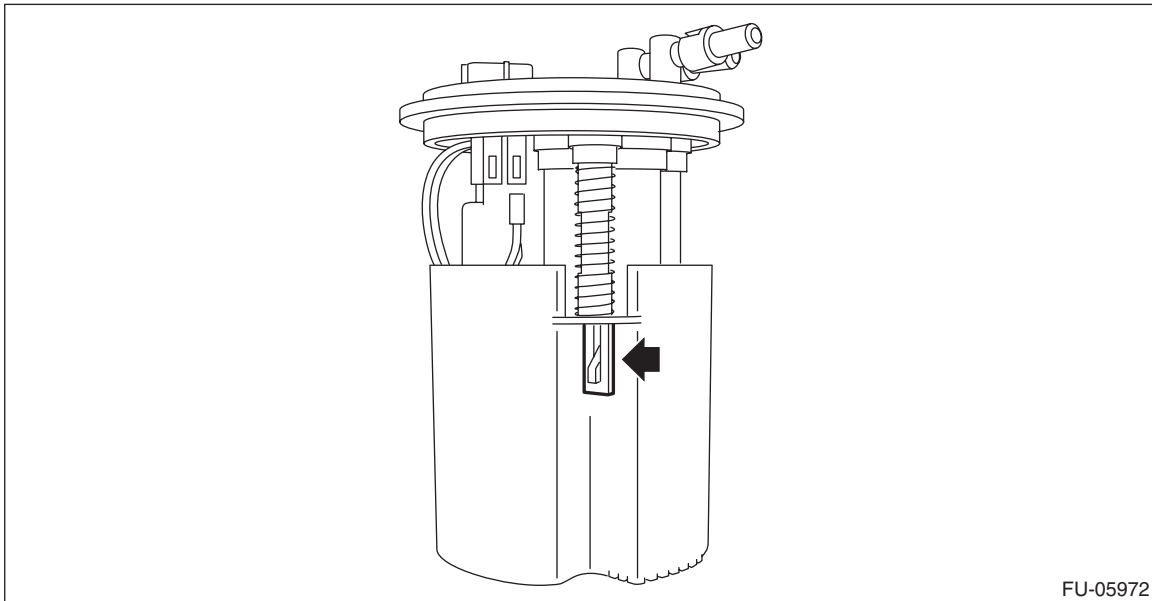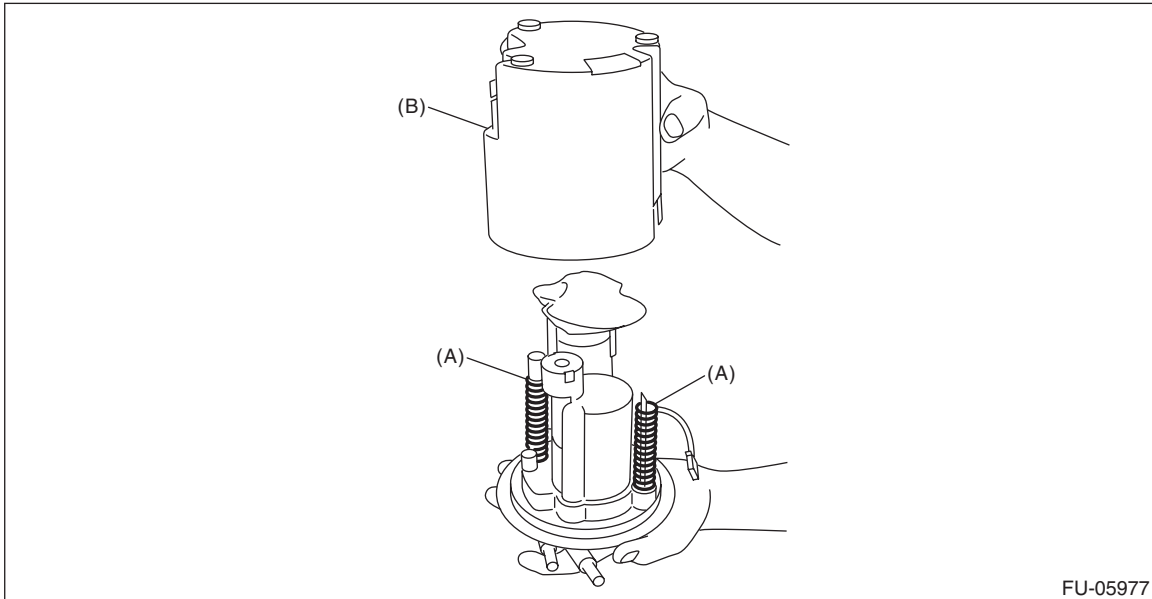2) Install the fuel pump holder to the fuel filter assembly.

FU-05976

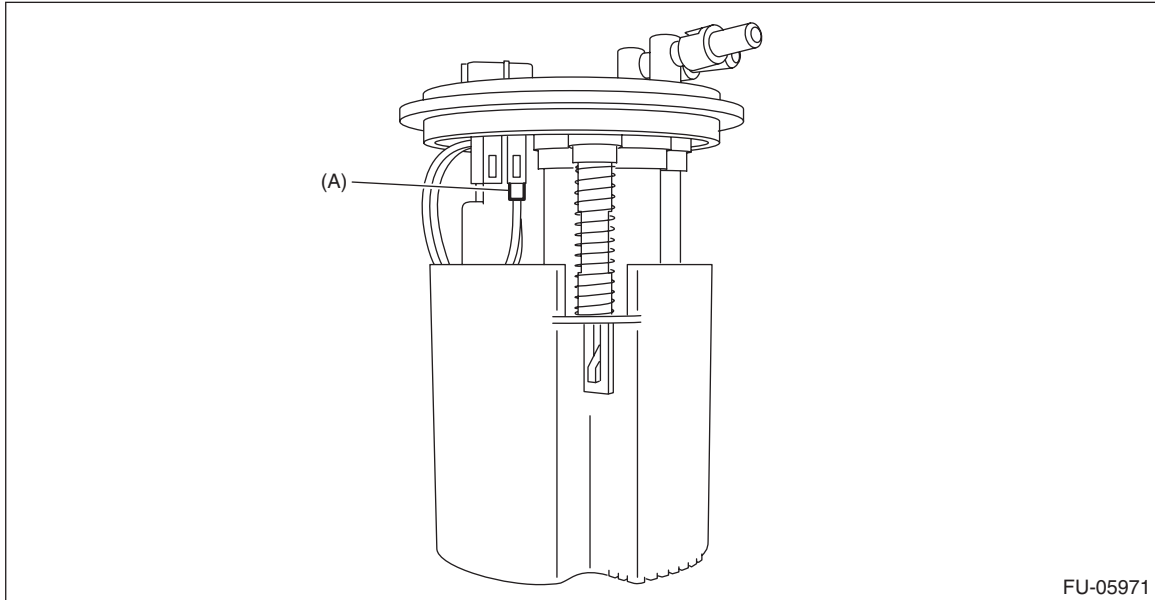3) Install the pump module spring (A) to fuel filter assembly, and install the fuel chamber assembly (B).

NOTE:
- Use a new fuel chamber assembly.
- Check that the claw connecting the fuel filter assembly and fuel chamber assembly is securely fastened.

FU-05977

FU-05972

4) Connect the connector (A) of fuel pump.

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5) Install the fuel level sensor. <Ref. to FU(H4DO)-145, INSTALLATION, Fuel Level Sensor.>
6) Inspect the fuel level sensor. <Ref. to FU(H4DO)-145, INSPECTION, Fuel Level Sensor.>
7) Install the fuel pump assembly. <Ref. to FU(H4DO)-142, INSTALLATION, Fuel Pump.>