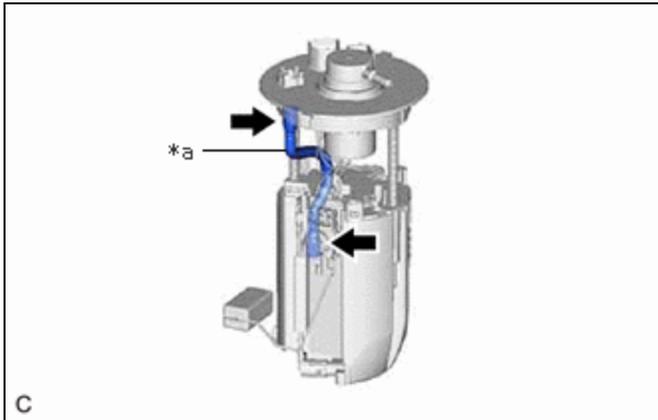


Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM100000002B0HT
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: M20A-FXS (FUEL): FUEL PUMP (for PHEV Model): DISASSEMBLY; 2023 - 2024 MY Prius Prime [03/2023 -]		

DISASSEMBLY

CAUTION / NOTICE / HINT



*a	Tube
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- Do not disconnect the tube shown in the illustration when disassembling the fuel suction tube with pump and gauge assembly. Doing so will cause reassembly of the fuel suction tube with pump and gauge assembly to be impossible as the tube is pressed into the fuel suction plate sub-assembly.
- When replacing the fuel filter, replace it together with the fuel suction plate sub-assembly.

CAUTION / NOTICE / HINT

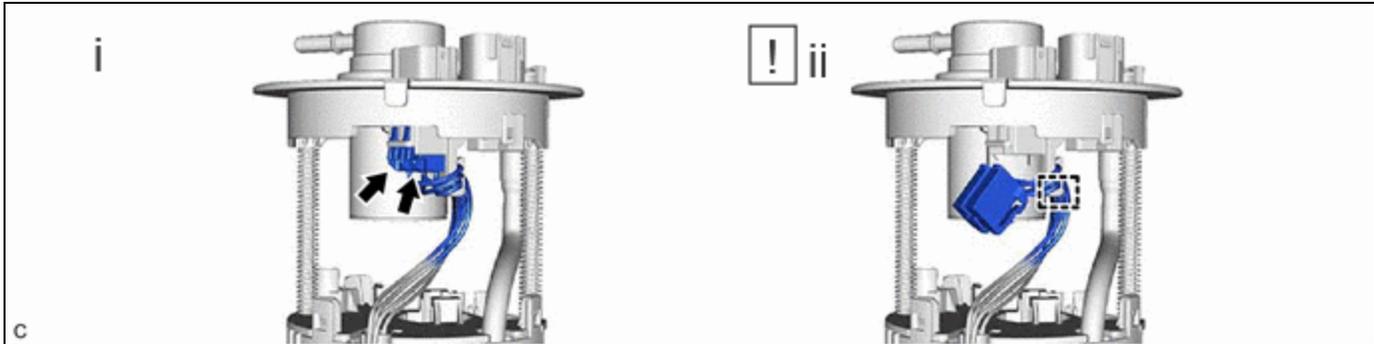
COMPONENTS (DISASSEMBLY)

1. REMOVE FUEL SENDER GAUGE ASSEMBLY



Click here [INFO](#)

2. DISCONNECT FUEL PUMP HARNESS



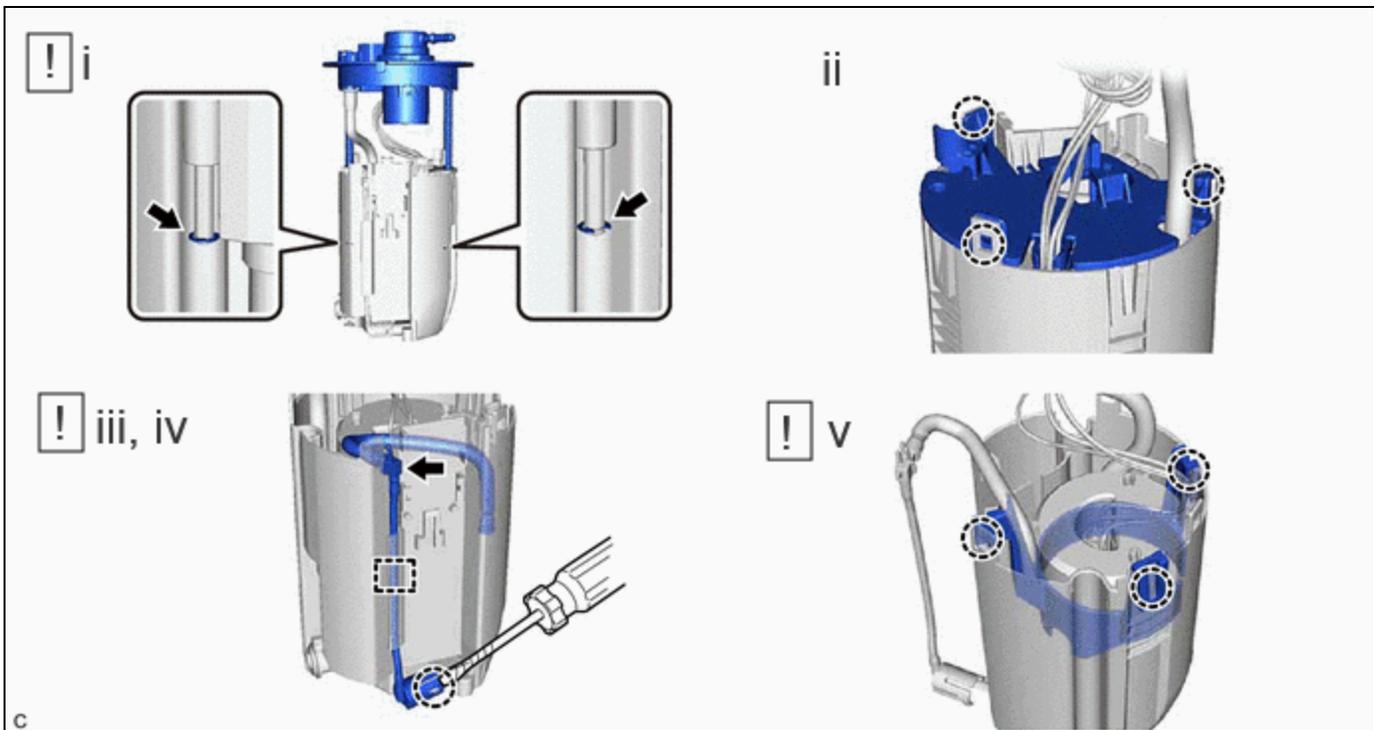
(1) Disconnect the 2 fuel pump harness connectors.

(2) Disengage the clamp to disconnect the fuel pump harness from the fuel suction plate sub-assembly.

NOTICE:

- Do not damage the wire harness.
- When disengaging each wire harness from the clamp, disengage one wire at a time.

3. REMOVE FUEL SUCTION PLATE SUB-ASSEMBLY



(1) Using needle nose pliers, remove the 2 fuel tank pipe setting holders to disconnect the fuel suction plate sub-assembly from the fuel sub-tank sub-assembly.

(2) Disengage the 3 claws to remove the fuel reservoir cap from the fuel sub-tank sub-assembly.

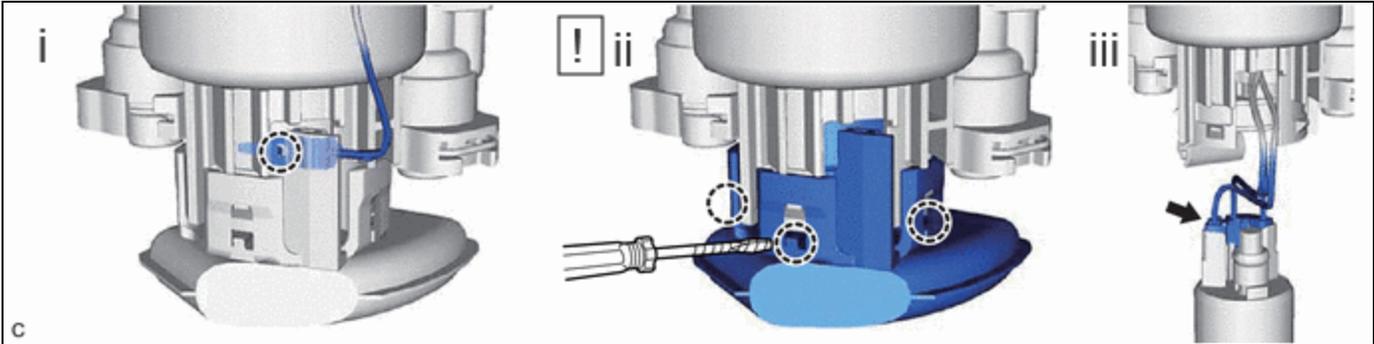
(3) Using a screwdriver with its tip wrapped with protective tape, disengage the claw.

- (4) Disengage the clamp and disconnect the fuel pump filter hose from the fuel sub-tank sub-assembly.
- (5) Disengage the 3 claws and remove the fuel filter (fuel suction plate sub-assembly) from the fuel sub-tank sub-assembly.

NOTICE:

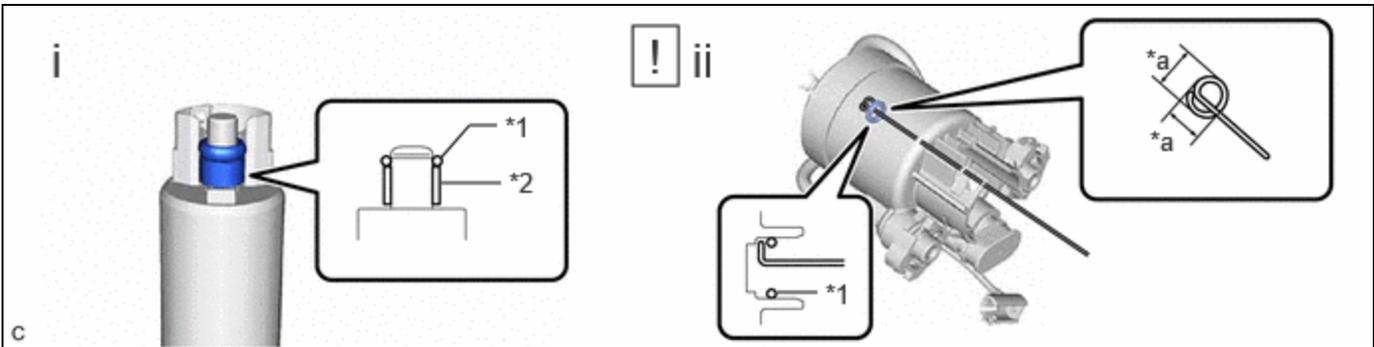
Do not do anything which may separate the tube from either the fuel suction plate sub-assembly or fuel filter, such as applying excessive force to the tube.

4. REMOVE FUEL PUMP WITH FILTER ASSEMBLY



- (1) Disengage the claw to disconnect the fuel pump harness.
- (2) Using a screwdriver with its tip wrapped with protective tape, disengage the 3 claws, and remove the fuel pump with filter assembly from the fuel filter.
- (3) Disconnect the fuel pump harness connector to remove the fuel pump harness from the fuel pump with filter assembly.

5. REMOVE FUEL PUMP O-RING



*1	Fuel Pump O-ring	*2	Fuel Pump Spacer
*a	5.0 mm (0.197 in.)	-	-

- (1) Remove the fuel pump O-ring and fuel pump spacer from the fuel pump with filter assembly.
- (2) If the fuel pump O-ring still remains in the fuel filter, remove it using a wire tip (1 mm (0.0394 in.) diameter) that is formed as shown in the illustration.

