

Fuel Level Sensor

FUEL INJECTION (FUEL SYSTEMS)

29. Fuel Level Sensor

A: REMOVAL

WARNING:

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

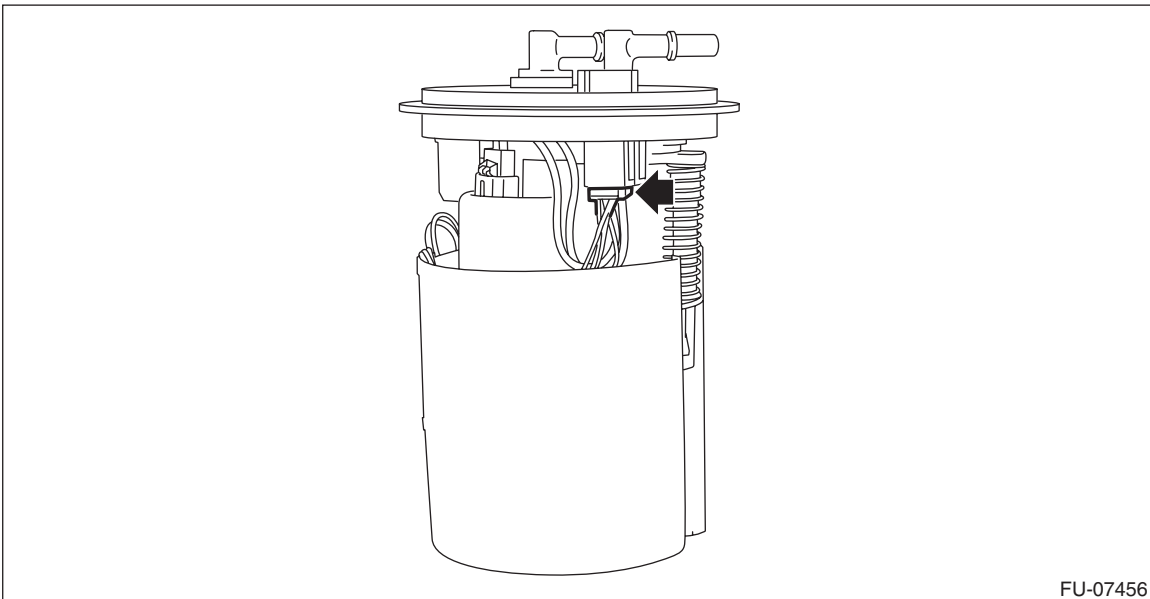
CAUTION:

- 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.

NOTE:

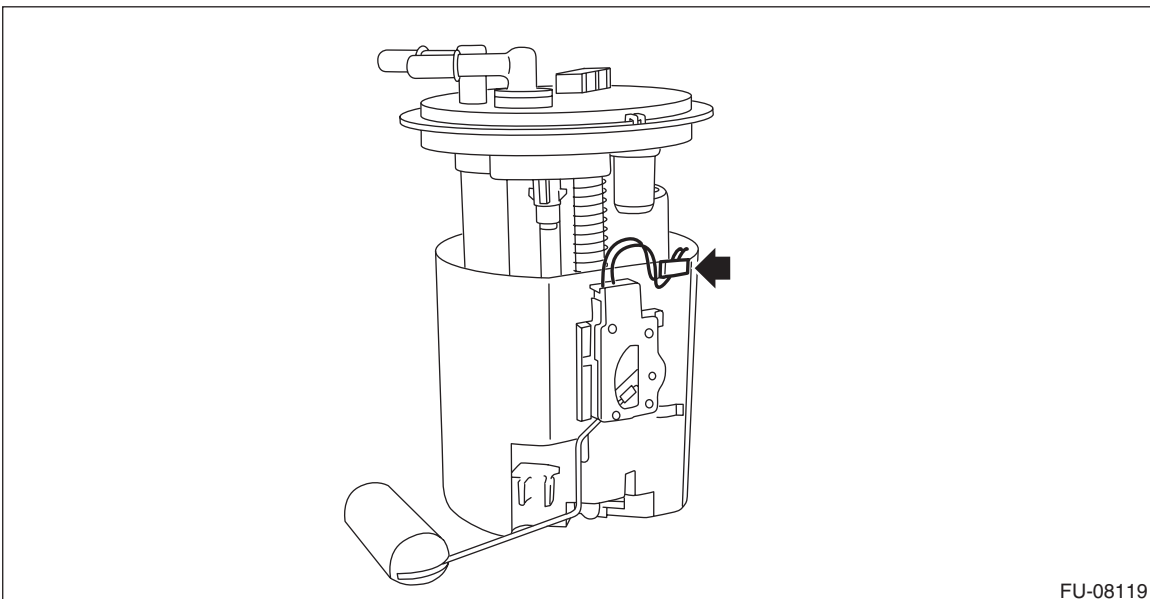
The fuel level sensor is built in fuel pump assembly.

- 1) Remove the fuel pump assembly. <Ref. to FU(H4DO)-139, REMOVAL, Fuel Pump.>
- 2) Disconnect the fuel level sensor connector.



FU-07456

- 3) Remove the harness from the claw of fuel chamber assembly.

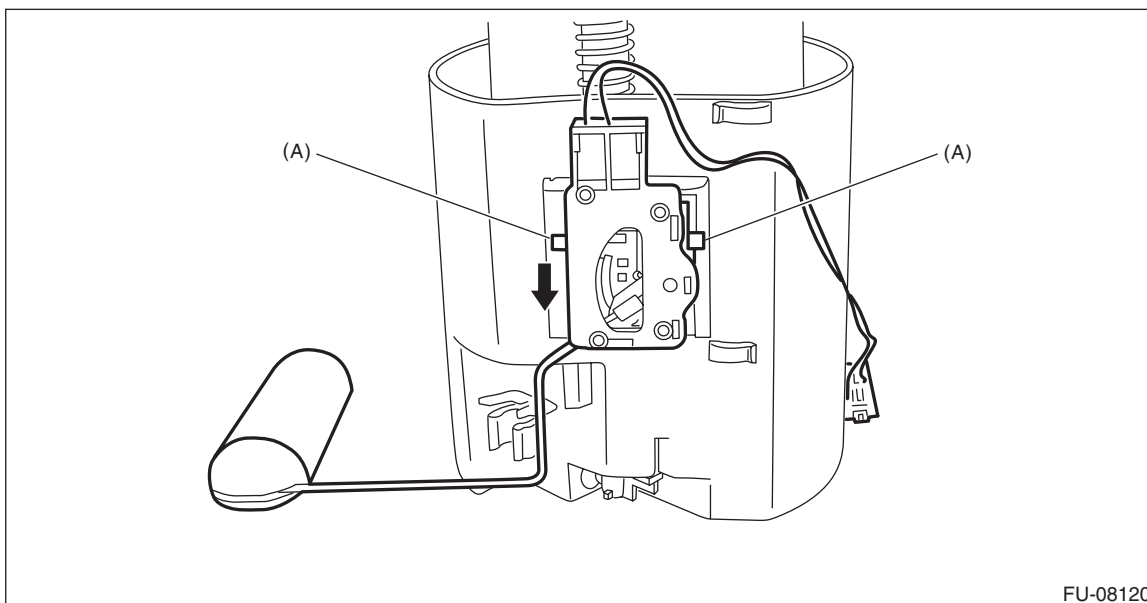


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4) Press two claws (A) of the fuel level sensor, and slide the fuel level sensor in the direction of the arrow to remove the fuel level sensor.



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B: INSTALLATION

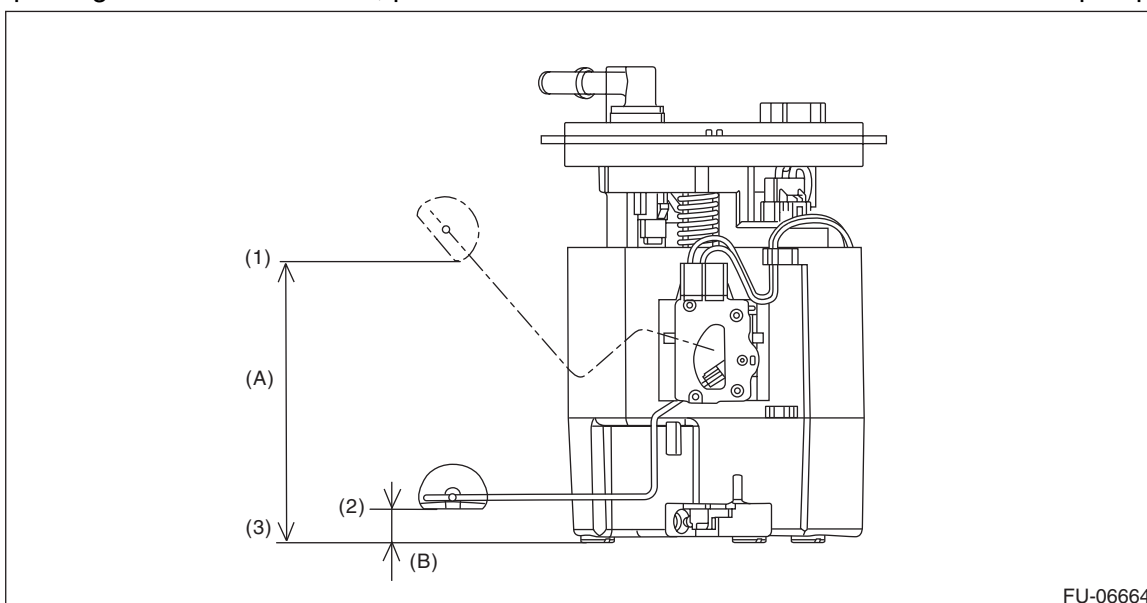
Install in the reverse order of removal.

C: INSPECTION

- 1) Check that the fuel level sensor has no damage.
- 2) Measure the fuel level sensor float position.

NOTE:

When inspecting the fuel level sensor, perform the work with the sensor installed to the fuel pump.



FU-06664

(1) FULL

(2) EMPTY

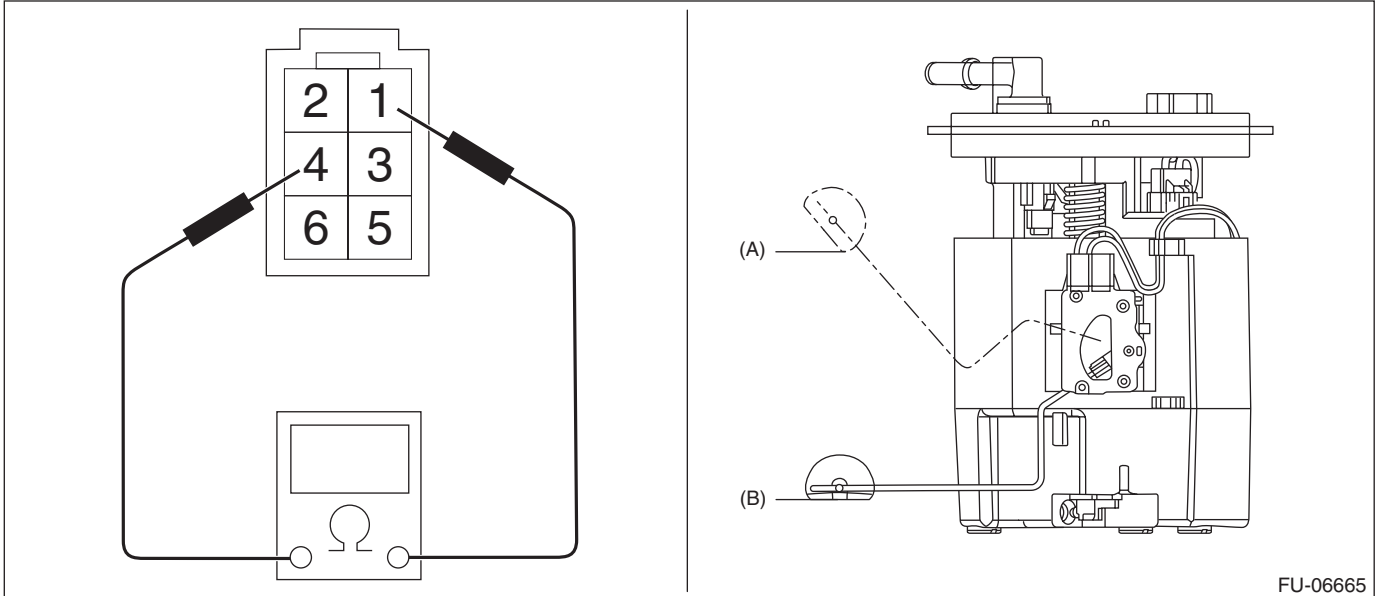
(3) Fuel tank seating surface

Float position	Standard
FULL to Fuel tank seating surface (A)	120.9±4 mm (4.76±0.157 in)
EMPTY to Fuel tank seating surface (B)	14.8±4 mm (0.583±0.157 in)

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3) Measure the resistance between fuel level sensor terminals.



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Float position	Terminal No.	Standard
FULL (A)	1 and 4	$8.7 \pm 1.0 \Omega$
EMPTY (B)		$139.1 \pm 2.0 \Omega$