

28.Fuel Level Sensor

A: REMOVAL

WARNING:

Place “NO OPEN FLAMES” signs near the working area.

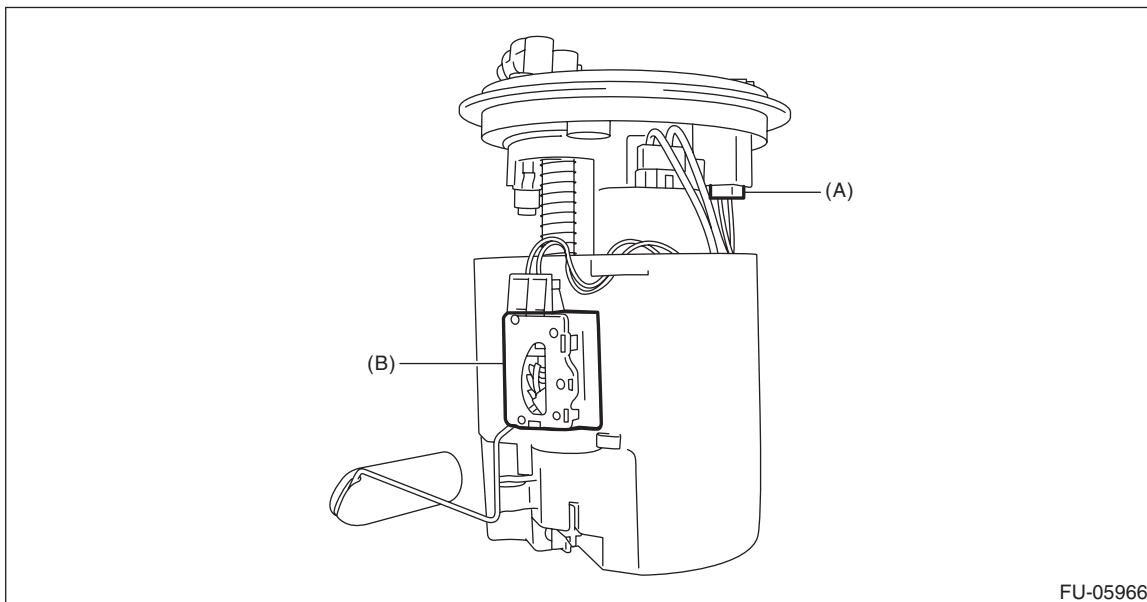
CAUTION:

- 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)-148, REMOVAL, Fuel Pump.>
- 2) Disconnect the connector (A) from fuel level sensor.
- 3) Remove the fuel level sensor (B).



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B: INSTALLATION

Install in the reverse order of removal.

Fuel Level Sensor

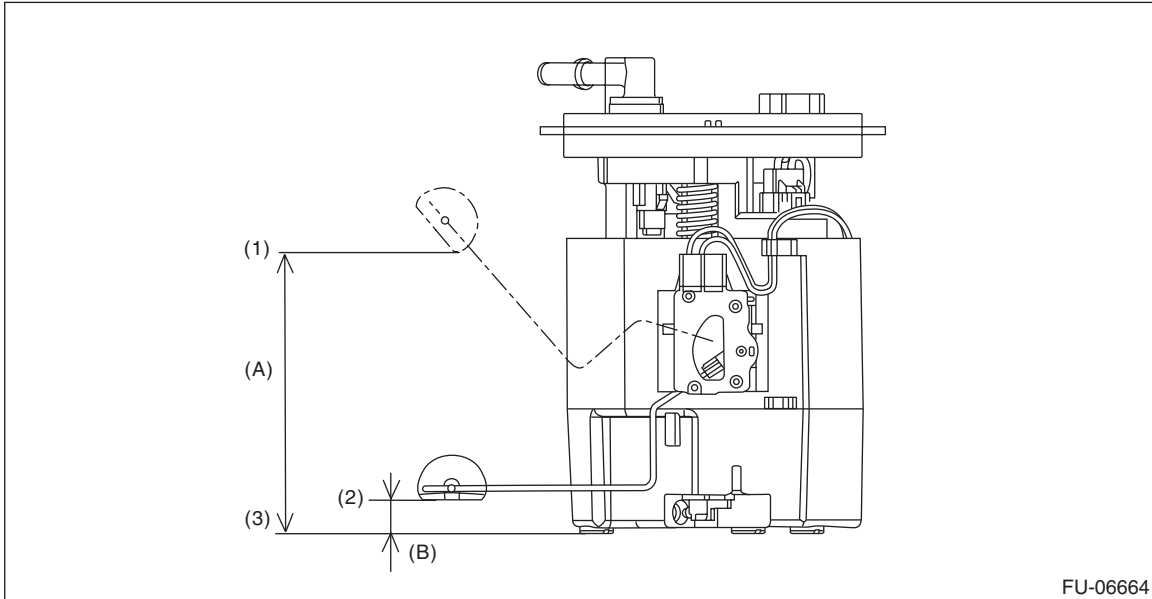
FUEL INJECTION (FUEL SYSTEMS)

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.



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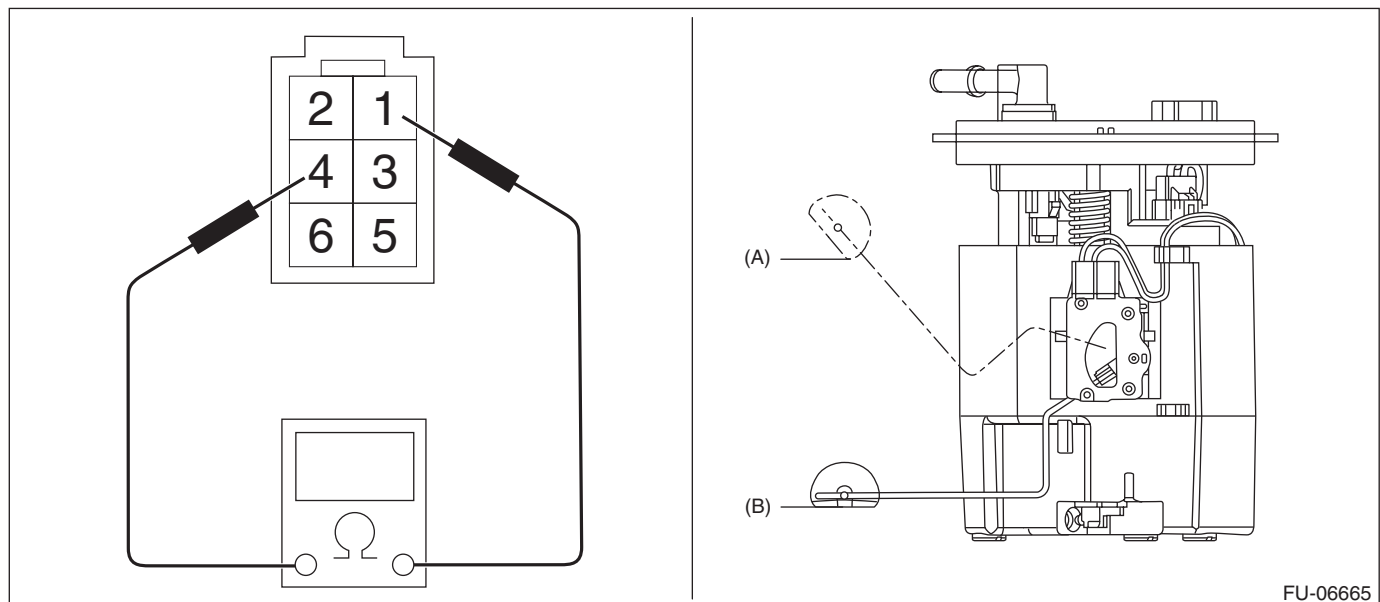
(1) FULL

(2) EMPTY

(3) Fuel tank seating surface

Float position	Standard
FULL to Fuel tank seating surface (A)	120.9±4 mm (4.759±0.157 in)
EMPTY to Fuel tank seating surface (B)	14.8±4 mm (0.582±0.157 in)

- 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±1.0 Ω
EMPTY (B)		139.1±2.0 Ω