

# Engine Oil Temperature Sensor

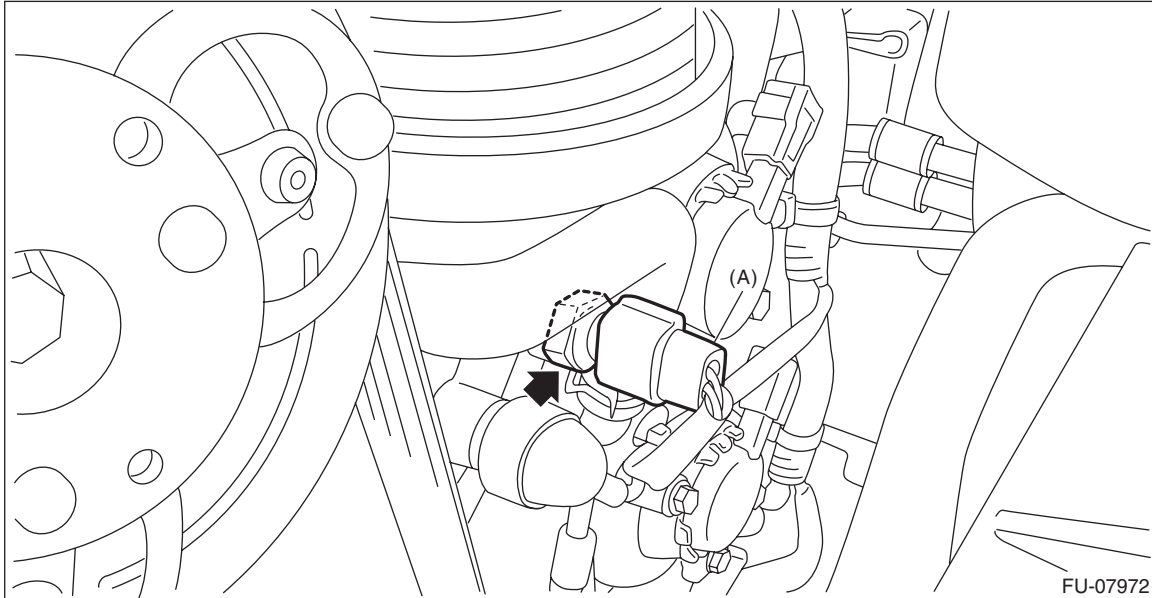
FUEL INJECTION (FUEL SYSTEMS)

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## 12.Engine Oil Temperature Sensor

### A: REMOVAL

- 1) Disconnect the ground terminal from battery sensor. <Ref. to NT-5, BATTERY, NOTE, Note.>
- 2) Disconnect the connector (A) from the engine oil temperature sensor, and remove the engine oil temperature sensor from the chain cover.



### B: INSTALLATION

Install in the reverse order of removal.

NOTE:

Use a new gasket.

**Tightening torque:**

**18 N·m (1.8 kgf-m, 13.3 ft-lb)**

# Engine Oil Temperature Sensor

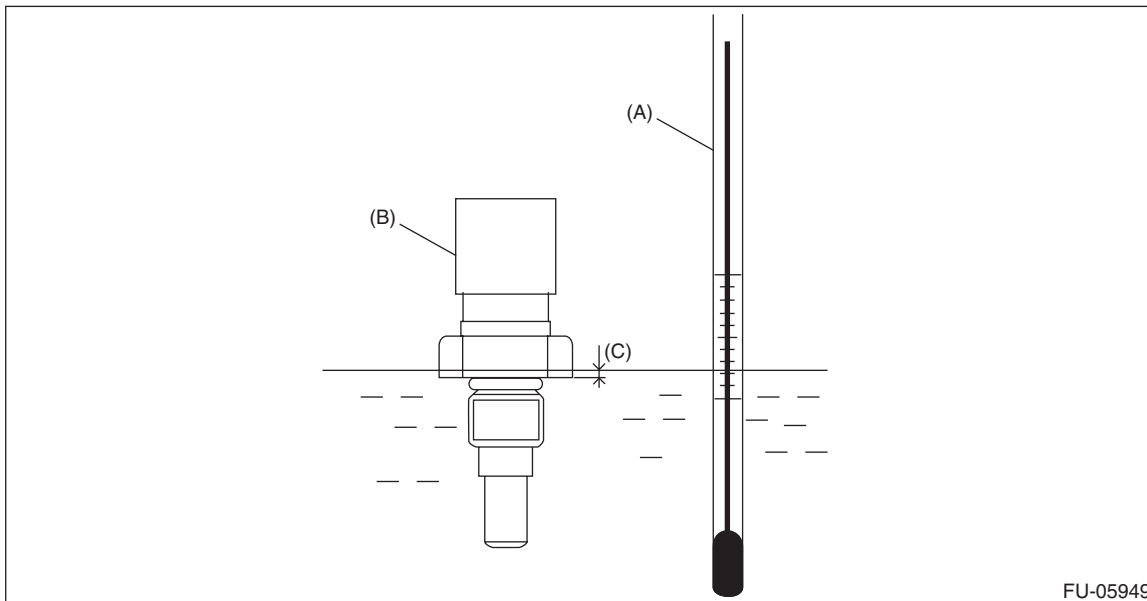
FUEL INJECTION (FUEL SYSTEMS)

## C: INSPECTION

- 1) Check that the engine oil temperature sensor has no deformation, cracks or other damages.
- 2) Immerse the engine oil temperature sensor and a thermometer in water.

### CAUTION:

**Take care not to allow water to get into the engine oil temperature sensor connector. Completely remove any water inside.**



(A) Thermometer

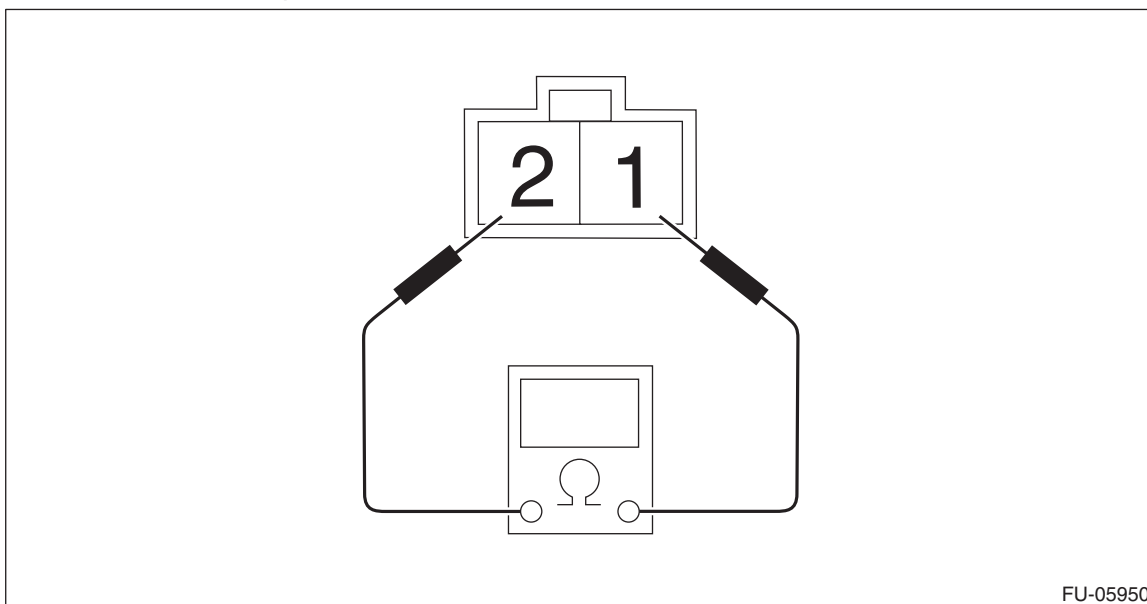
(B) Engine oil temperature sensor

(C) Hexagonal part height: To approx.  $\frac{1}{3}$

- 3) Raise water temperature gradually, measure the resistance between the engine oil temperature sensor terminals when the temperature is 20°C (68°F) and 80°C (176°F).

### NOTE:

Agitate the water for even temperature distribution.



FU-05950

Water temperature	Terminal No.	Standard
20°C (68°F)	1 and 2	Approx. 2.45±0.2 kΩ
80°C (176°F)		Approx. 0.318±0.013 kΩ