

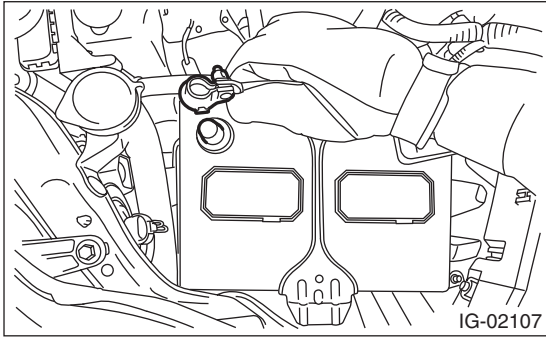
# Camshaft Position Sensor

FUEL INJECTION (FUEL SYSTEMS)

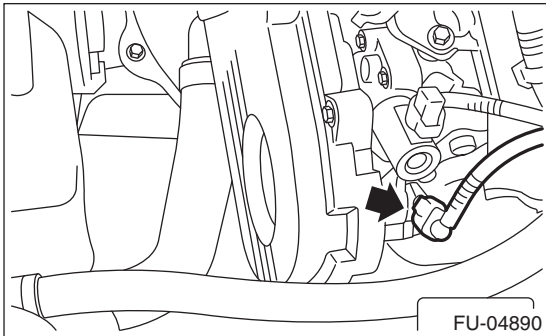
## 6. Camshaft Position Sensor

### A: REMOVAL

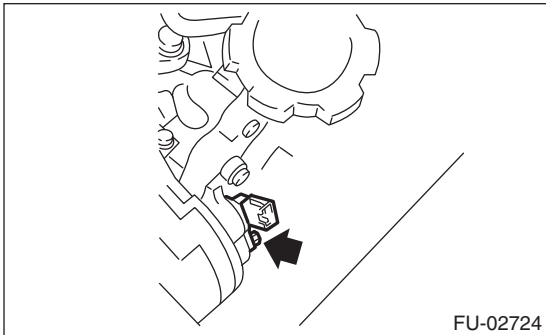
1) Disconnect the ground cable from battery.



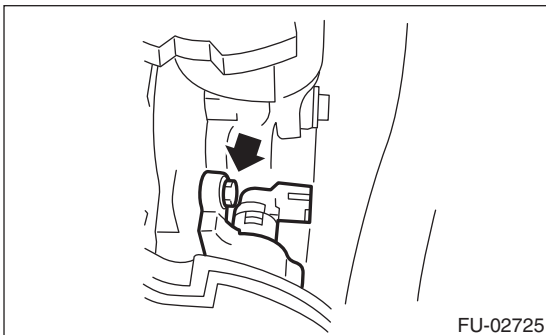
2) Disconnect the connector from camshaft position sensor.



3) Remove the bolt which secures camshaft position sensor to camshaft position sensor support.

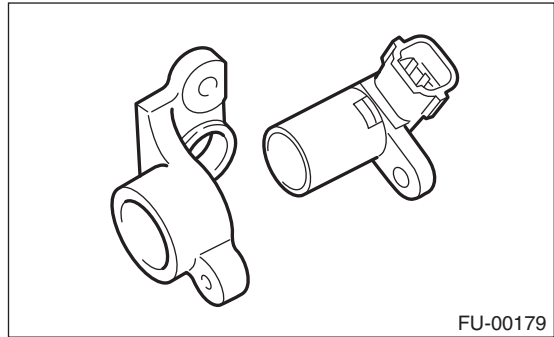


4) Remove the bolt which secures camshaft position sensor support to camshaft cap LH.



5) Remove the camshaft position sensor and the camshaft position sensor support as a unit.

6) Remove the camshaft position sensor from the camshaft position sensor support.



### B: INSTALLATION

Install in the reverse order of removal.

#### *Tightening torque:*

**Camshaft position sensor support**

**6.4 N·m (0.7 kgf-m, 4.7 ft-lb)**

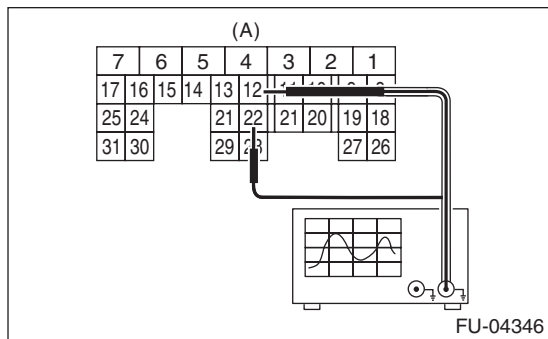
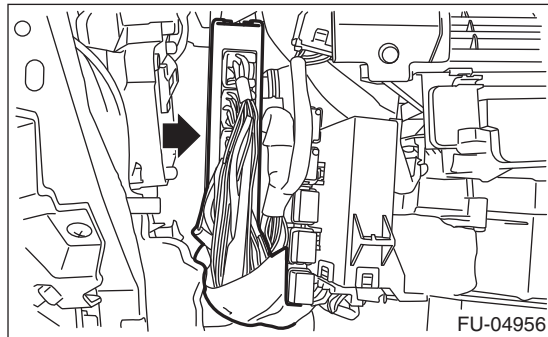
**Camshaft position sensor**

**6.4 N·m (0.7 kgf-m, 4.7 ft-lb)**

## C: INSPECTION

### 1. CAMSHAFT POSITION SENSOR (METHOD WITH OSCILLOSCOPE)

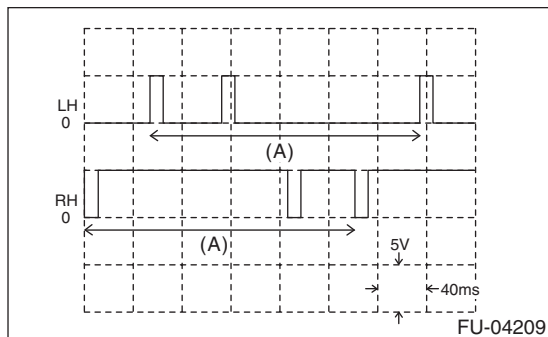
- 1) Prepare an oscilloscope.
- 2) Remove the glove box lid assembly, glove box lower cover, instrument panel side cover LH and glove box back panel. <Ref. to EI-65, REMOVAL, Glove Box.>
- 3) Connect the probe to ECM connector.



(A) To ECM connector

| Terminal No. | Probe |
|--------------|-------|
| 12           | +     |
| 22           | -     |

- 4) Start the engine and let it idle.
- 5) Check that the pattern is the same as the waveform and voltage shown below.



(A) One camshaft rotation

- 6) After inspection, install the related parts in the reverse order of removal.

## 2. OTHER INSPECTIONS

Check that the camshaft position sensor has no deformation, cracks or other damages.