

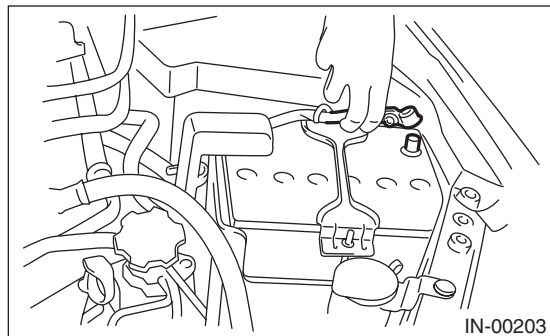
Camshaft Position Sensor

FUEL INJECTION (FUEL SYSTEMS)

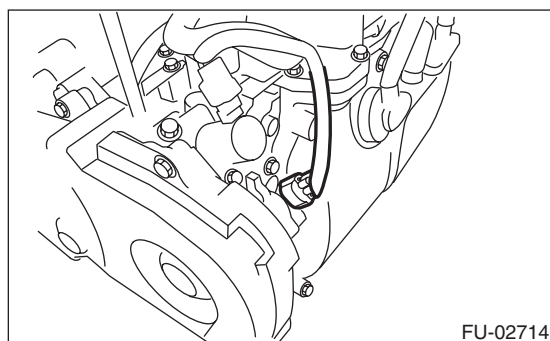
6. Camshaft Position Sensor

A: REMOVAL

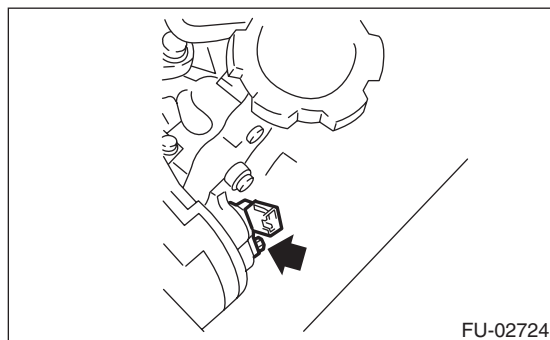
1) Disconnect the ground cable from battery.



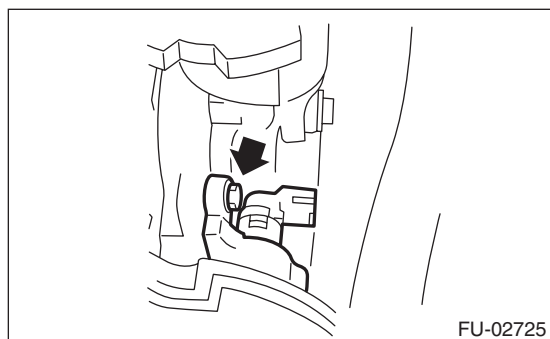
2) Disconnect the connector from camshaft position sensor.



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



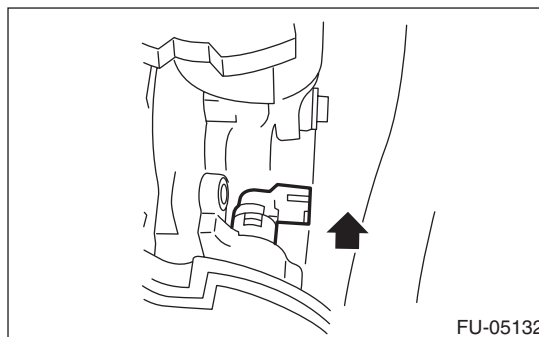
4) Remove the bolt which secures camshaft position sensor support to camshaft cap LH.



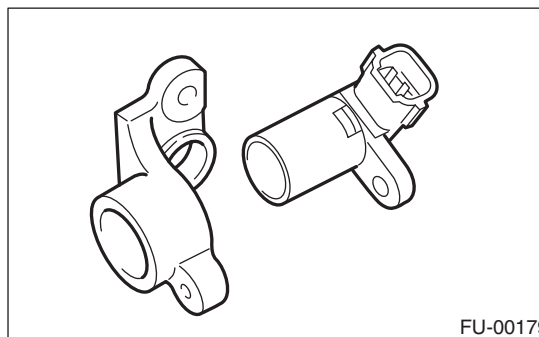
5) Remove the camshaft position sensor and the camshaft position sensor support as a unit.

NOTE:

Slide in the arrowed direction until the camshaft position sensor contacts the rocker cover LH.



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)

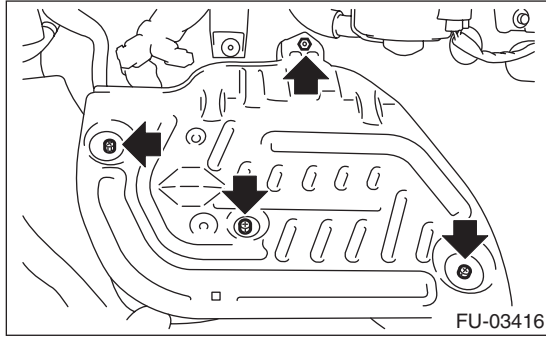
Camshaft position sensor

6.4 N·m (0.7 kgf-m, 4.7 ft-lb)

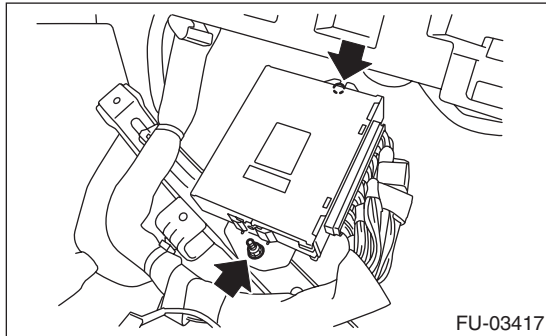
C: INSPECTION

1. CAMSHAFT POSITION SENSOR (METHOD WITH OSCILLOSCOPE)

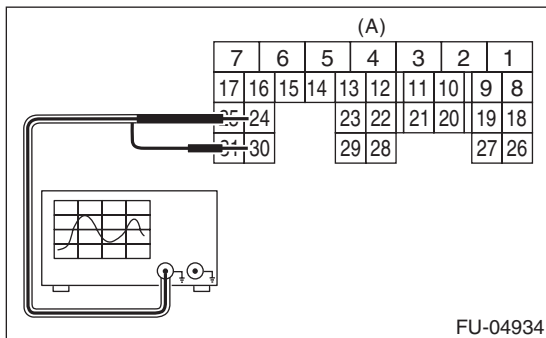
- 1) Prepare an oscilloscope.
- 2) Remove the lower inner trim of passenger's side. <Ref. to EI-53, REMOVAL, Lower Inner Trim.>
- 3) Turn over the floor mat of passenger's seat.
- 4) Remove the protect cover.



- 5) Remove the nuts and bolts which hold the ECM to the bracket.

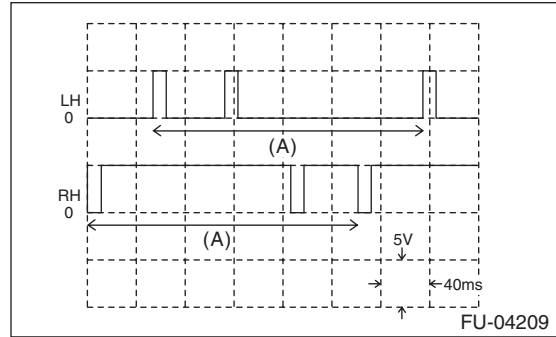


- 6) Connect the probe to ECM connector.



(A) To ECM connector

- 7) Start the engine and let it idle.
- 8) Check the pattern is the same as the waveform and voltage shown below.



(A) One camshaft rotation

2. OTHER INSPECTIONS

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

Terminal No.	Probe
24	+
30	-