

# Knock Sensor

## FUEL INJECTION (FUEL SYSTEMS)

### 7. Knock Sensor

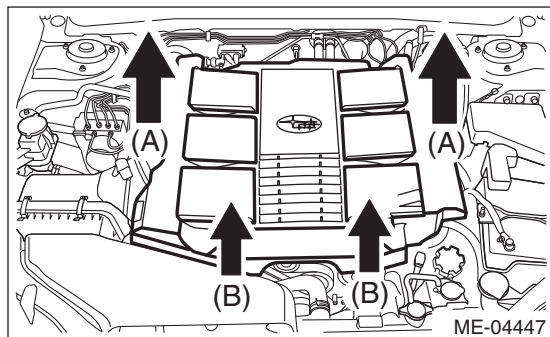
#### A: REMOVAL

1) Remove the collector cover.

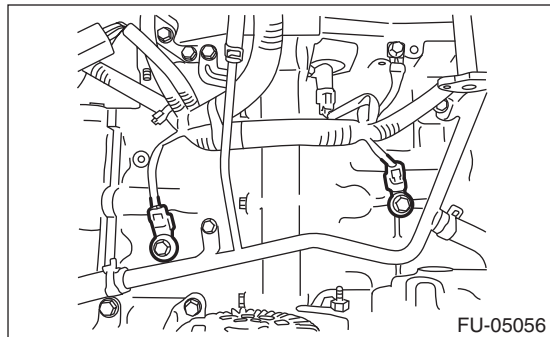
NOTE:

Follow these procedures for removal of the collector cover.

- (1) Lift up the rear side holding two positions (A).
- (2) Lift up the front side holding two positions (B) while moving it in the forward direction of the vehicle.



- 2) Disconnect the ground cable from battery.
- 3) Remove the intake manifold. <Ref. to FU(H6DO)-21, REMOVAL, Intake Manifold.>
- 4) Disconnect the knock sensor connector.
- 5) Remove the knock sensor from cylinder block.



#### B: INSTALLATION

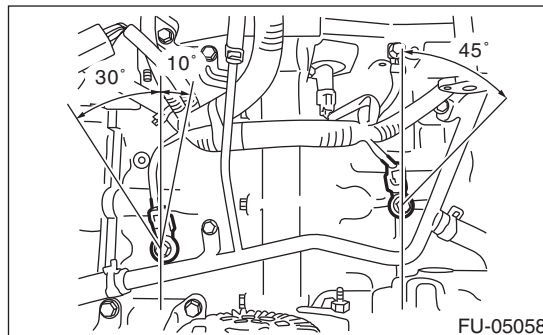
1) Install the knock sensor to the cylinder block.

**Tightening torque:**

**25 N·m (2.5 kgf-m, 18.4 ft-lb)**

NOTE:

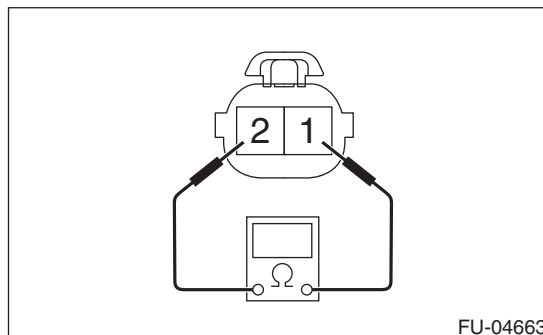
For the knock sensor installation angle, refer to the figure below.



- 2) Connect the knock sensor connector.
- 3) Install the intake manifold. <Ref. to FU(H6DO)-23, INSTALLATION, Intake Manifold.>
- 4) Connect the ground cable to battery.
- 5) Install the collector cover.

#### C: INSPECTION

- 1) Check that the knock sensor has no deformation, cracks or other damages.
- 2) Measure the resistance between knock sensor terminals.



Terminal No.	Standard
1 and 2	560±28 kΩ