

### 7. Knock Sensor

#### A: REMOVAL

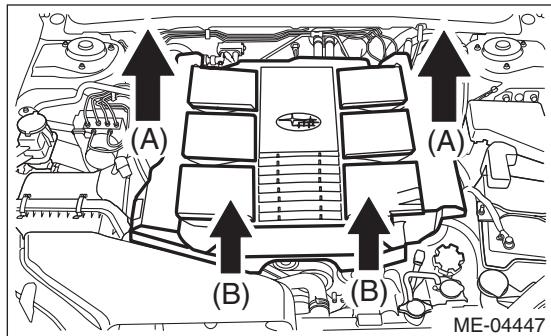
- 1) Remove the collector cover.

NOTE:

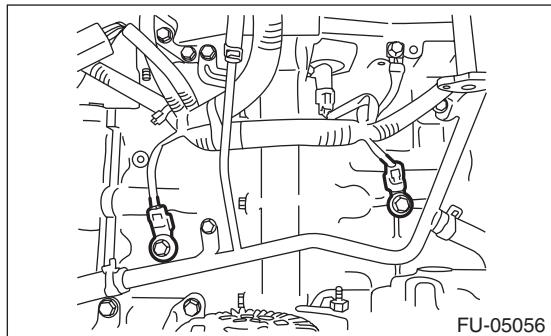
Follow these procedures for removal of the collector cover.

(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

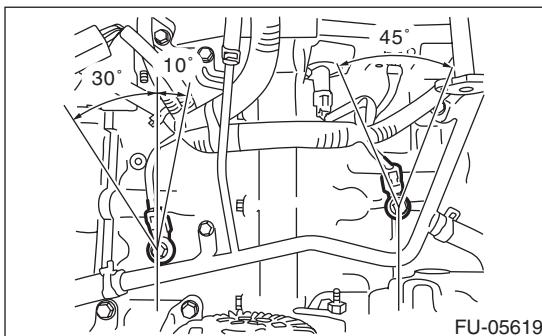
- 1) Install the knock sensor to the cylinder block.

**Tightening torque:**

**25 N·m (2.5 kgf·m, 18.4 ft-lb)**

NOTE:

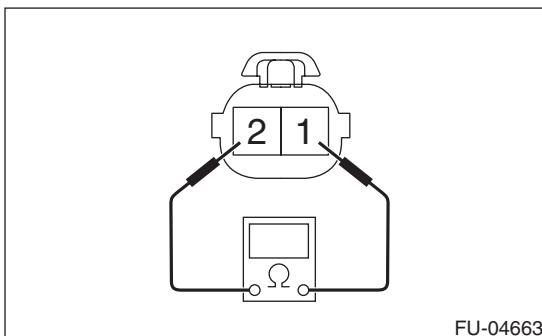
For the knock sensor installation angle, refer to the figure below.



- 2) Connect the knock sensor connector.
- 3) Install the intake manifold. <Ref. to FU(H6DO)-24, INSTALLATION, Intake Manifold.>
- 4) Connect the battery ground terminal.
- 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