

7. Knock Sensor

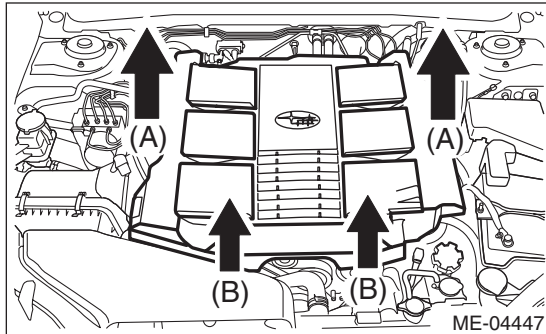
A: REMOVAL

- 1) Remove the collector cover.

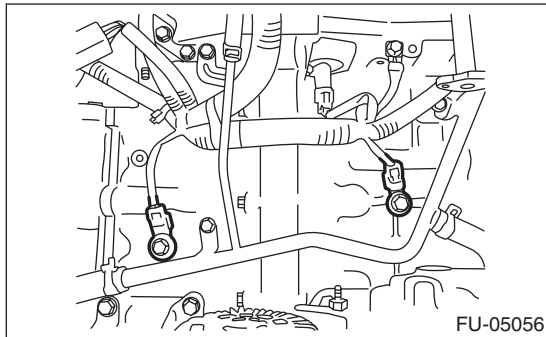
NOTE:

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

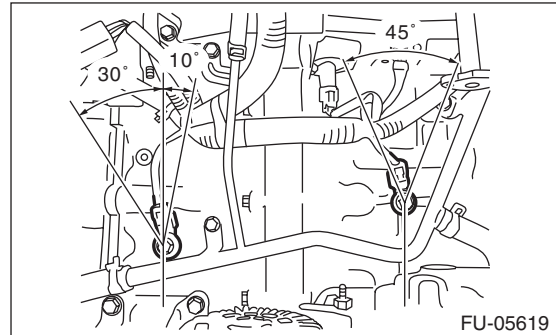
- 1) Install the knock sensor to the cylinder block.

Tightening torque:

25 N·m (2.5 kgf·m, 18.4 ft·lb)

NOTE:

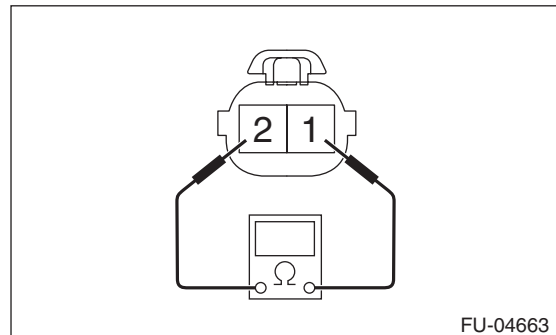
For the knock sensor installation angle, refer to the figure below.



- 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