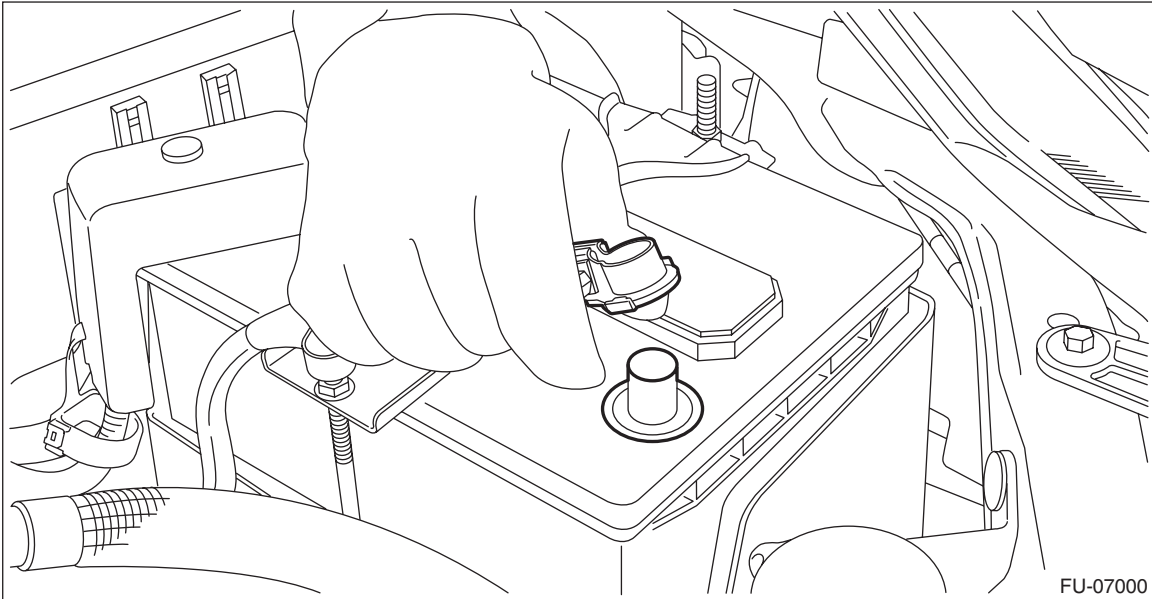


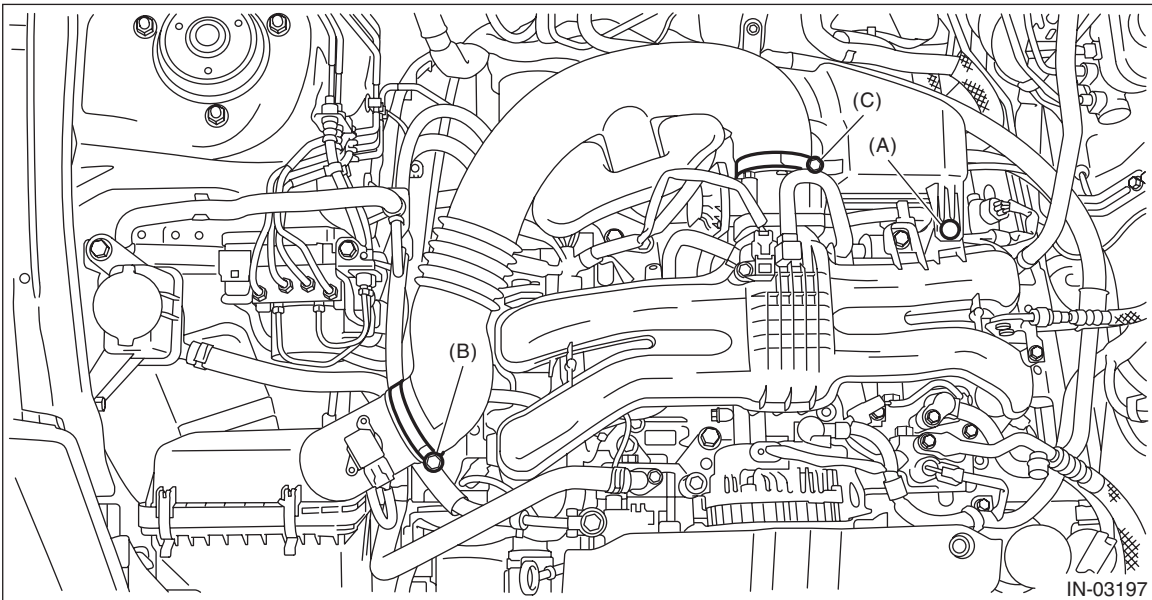
### 10. Knock Sensor

#### A: REMOVAL

- 1) Disconnect the ground cable from battery.



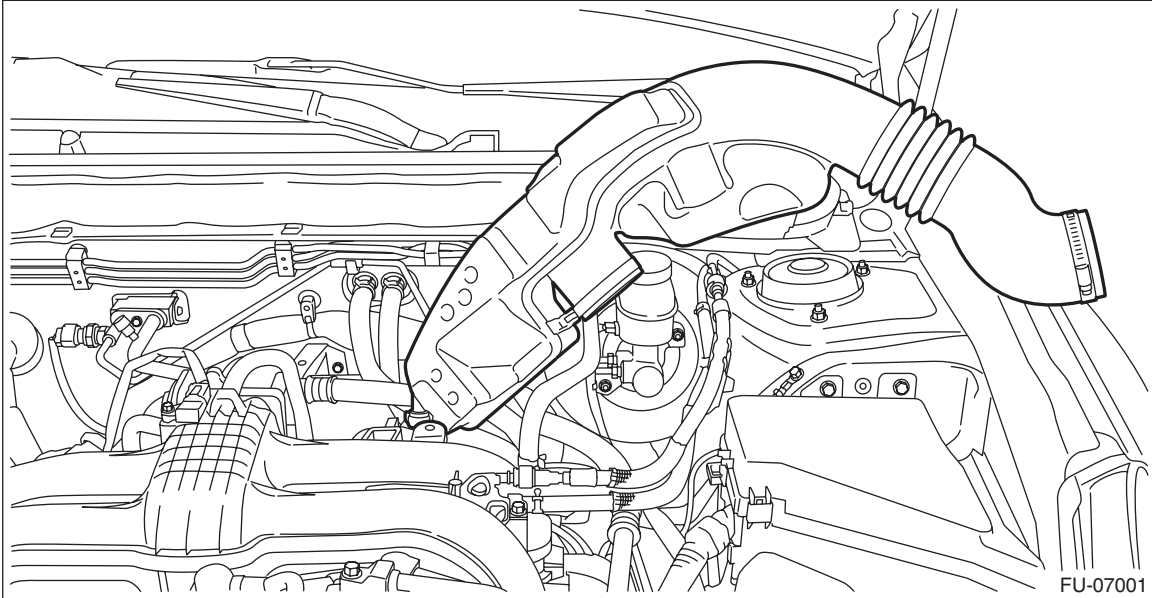
- 2) Remove the clip (A) from the air intake boot.
- 3) Loosen the clamp (B) connecting the air intake boot and air cleaner case (rear).
- 4) Loosen the clamp (C) which connects the air intake boot and throttle body.



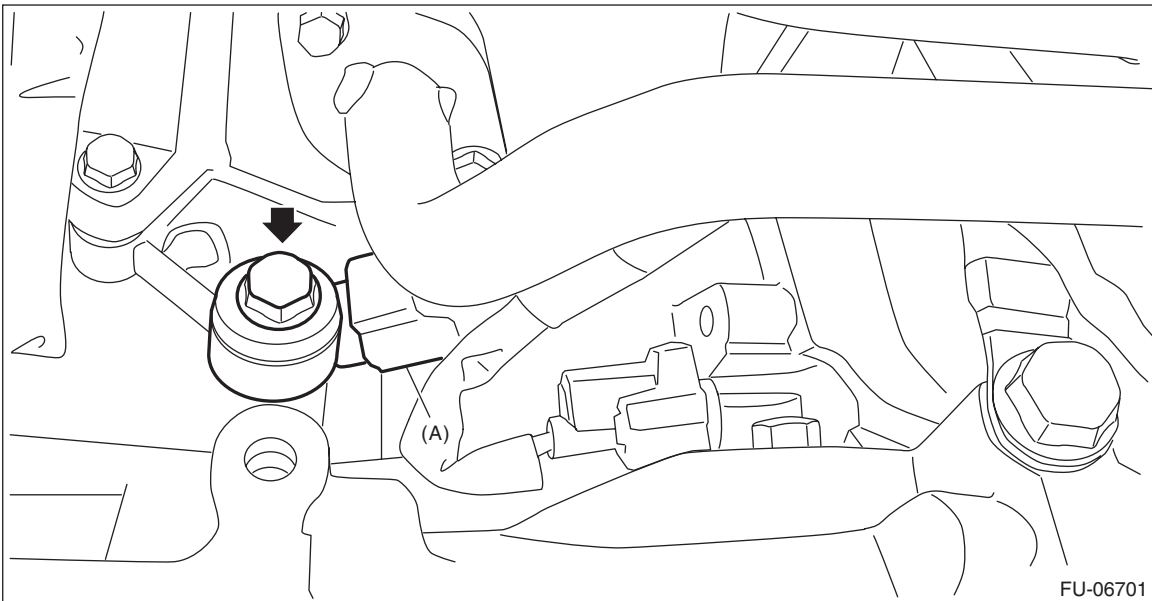
# Knock Sensor

## FUEL INJECTION (FUEL SYSTEMS)

- 5) Remove the air intake boot from the throttle body, and move it to the left side wheel apron.



- 6) Disconnect the connector (A) from the knock sensor, and remove the knock sensor from the cylinder block.



# Knock Sensor

## FUEL INJECTION (FUEL SYSTEMS)

### B: INSTALLATION

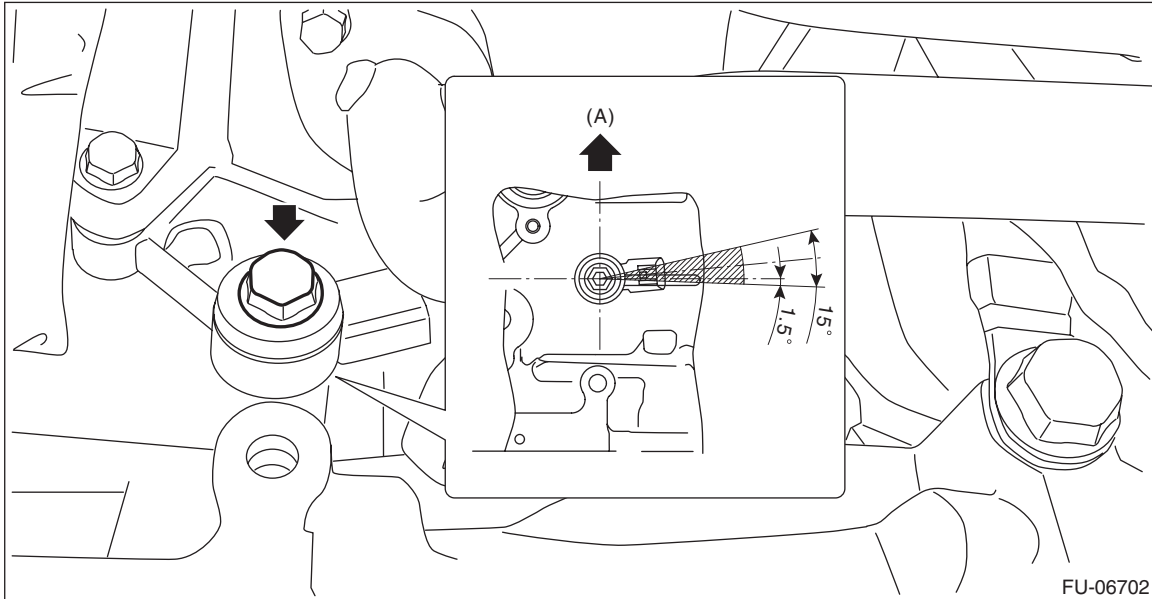
1) Install the knock sensor to the cylinder block.

#### NOTE:

The knock sensor should be installed so that the center of the connector is positioned at a  $76.5^\circ$  —  $91.5^\circ$  angle relative to the front of engine.

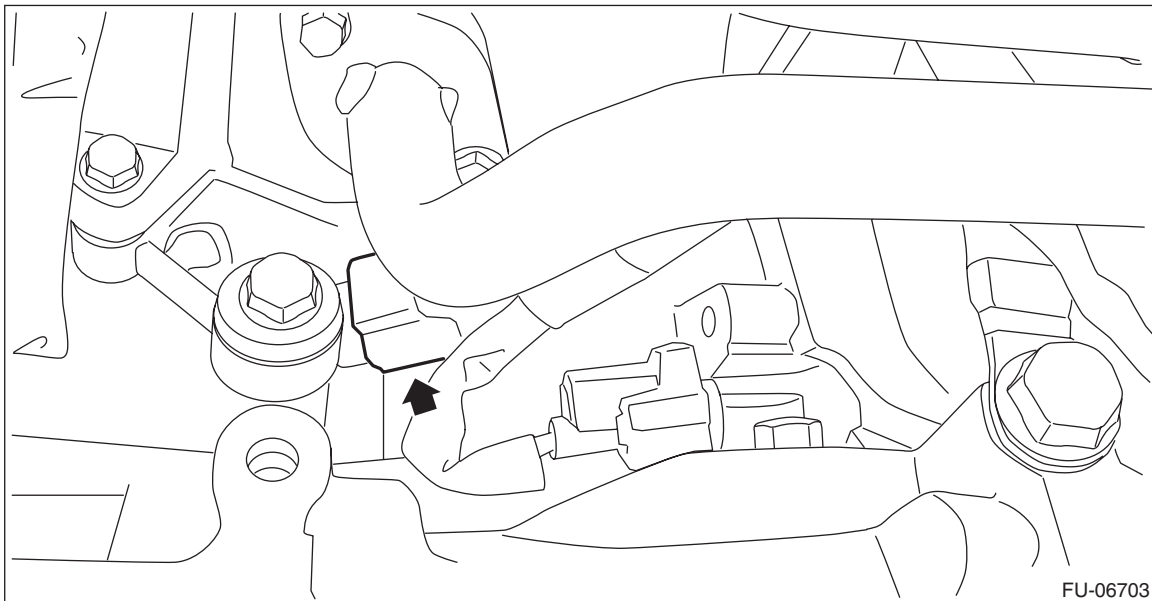
#### Tightening torque:

**24 N·m (2.4 kgf-m, 17.7 ft-lb)**



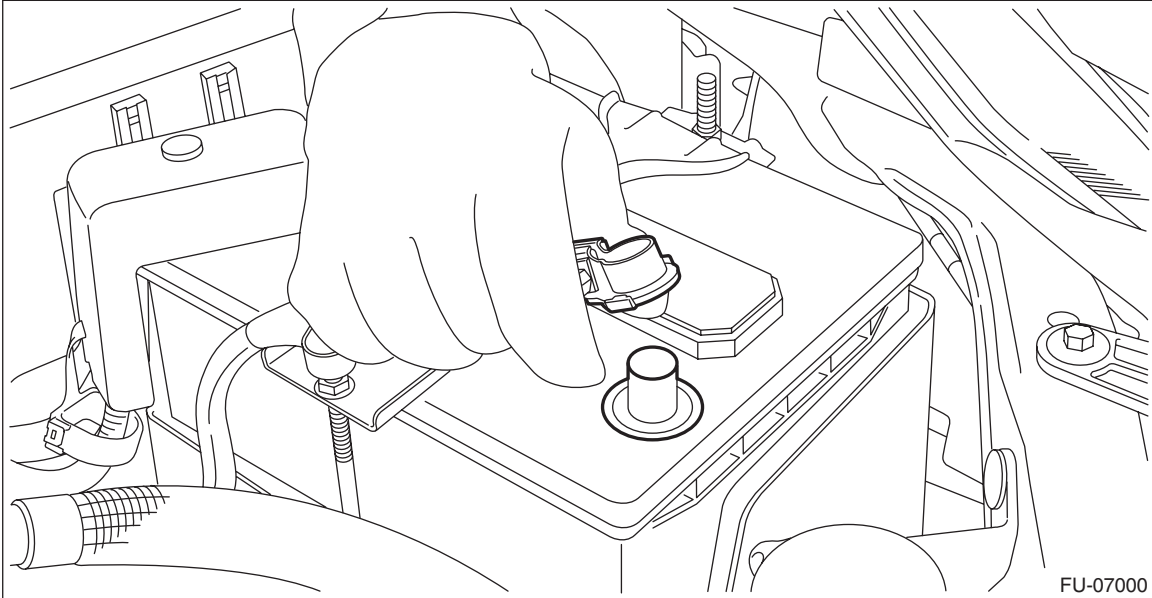
(A) Front of engine

2) Connect the connector to the knock sensor.



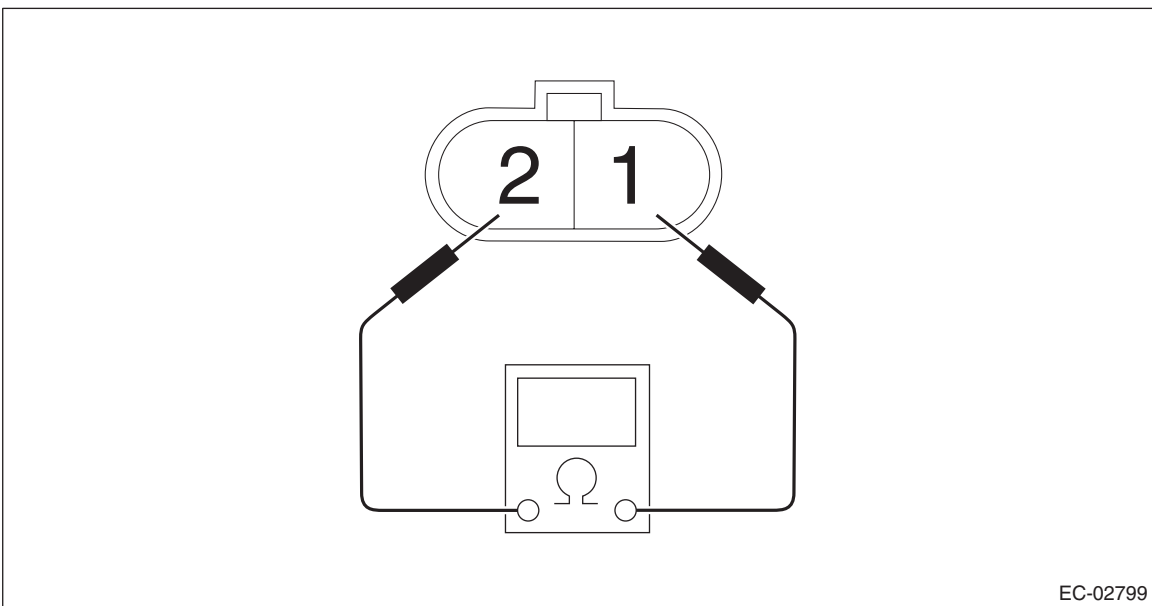
3) Install the air intake boot. <Ref. to IN(H4DO)-13, INSTALLATION, Air Intake Boot.>

4) Connect the battery ground terminal.



### 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