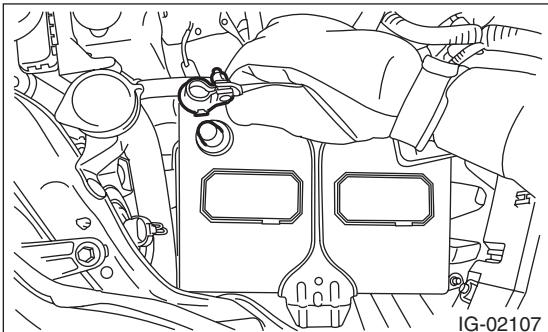


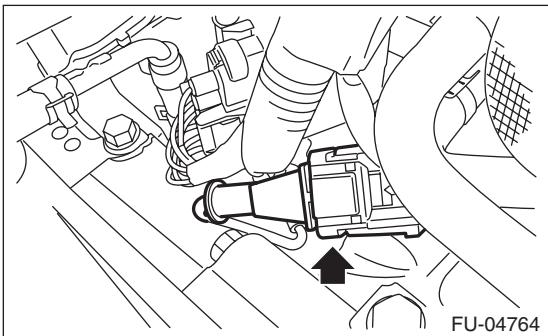
## 7. Knock Sensor

### A: REMOVAL

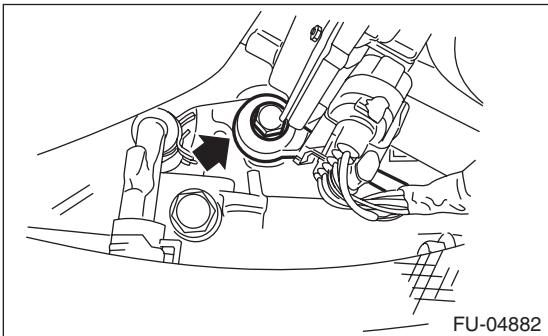
- 1) Remove the collector cover.
- 2) Disconnect the ground cable from battery.



- 3) Remove the intercooler. <Ref. to IN(H4DOTC)-17, REMOVAL, Intercooler.>
- 4) Disconnect the connector from the knock sensor.



- 5) Remove the knock sensor from cylinder block.



### B: INSTALLATION

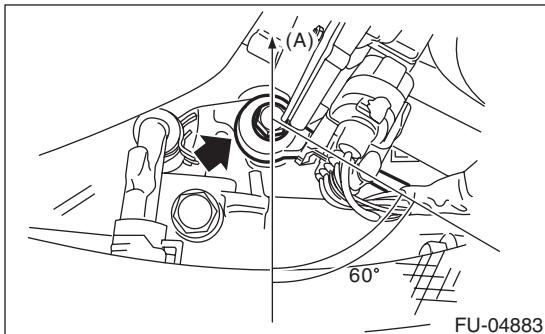
- 1) Install the knock sensor to the cylinder block.

NOTE:

The portion of the knock sensor cord that is pulled out must be positioned at a 60° angle relative to the engine rear.

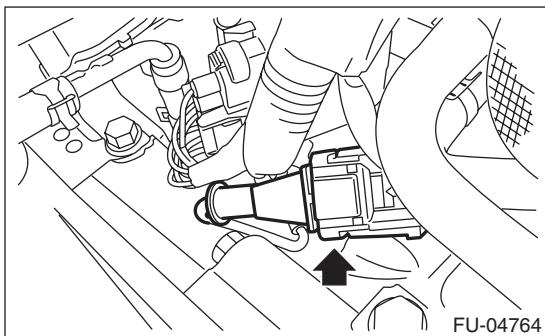
**Tightening torque:**

24 N·m (2.4 kgf·m, 17.7 ft-lb)

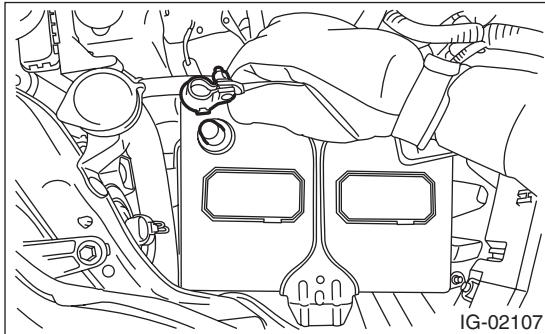


(A) Front side of vehicle

- 2) Connect the connector to the knock sensor.



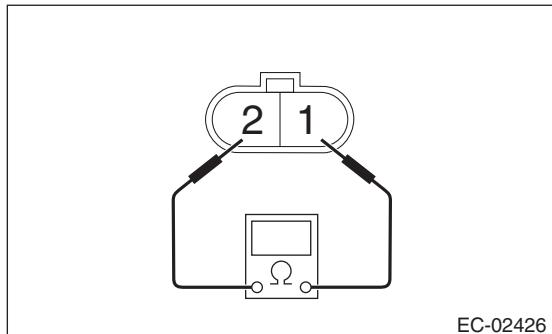
- 3) Install the intercooler. <Ref. to IN(H4DOTC)-18, INSTALLATION, Intercooler.>
- 4) Connect the ground cable to battery.



- 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