

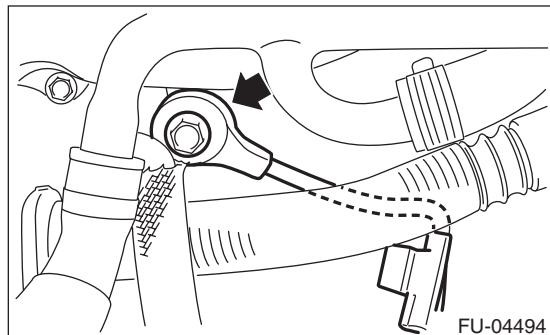
Knock Sensor

FUEL INJECTION (FUEL SYSTEMS)

7. Knock Sensor

A: REMOVAL

- 1) Disconnect the ground cable from battery.
- 2) Remove the intercooler. <Ref. to IN(STI)-13, REMOVAL, Intercooler.>
- 3) Remove the intake manifold. <Ref. to FU(STI)-17, REMOVAL, Intake Manifold.>
- 4) Remove the secondary air combination valve RH. <Ref. to EC(STI)-54, REMOVAL, Secondary Air Combination Valve.>
- 5) Remove the knock sensor from cylinder block.



B: INSTALLATION

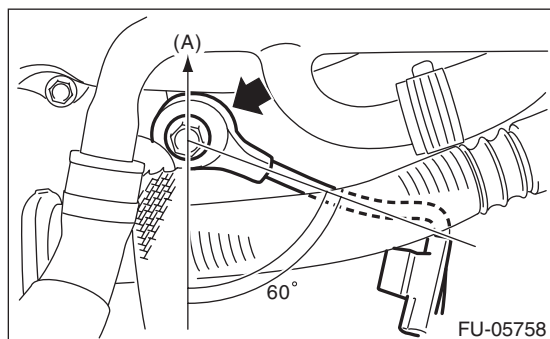
- 1) Install the knock sensor to the cylinder block.

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)

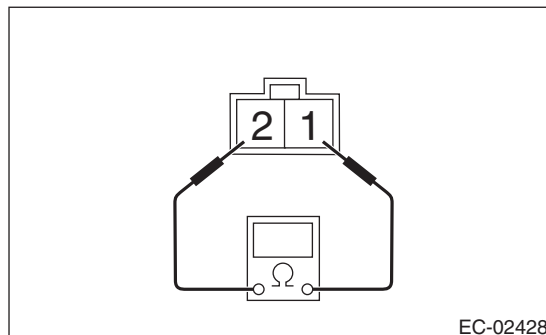


(A) Front side of vehicle

- 2) Install the secondary air combination valve RH. <Ref. to EC(STI)-55, SECONDARY AIR COMBINATION VALVE RH, INSTALLATION, Secondary Air Combination Valve.>
- 3) Install the intake manifold. <Ref. to FU(STI)-21, INSTALLATION, Intake Manifold.>
- 4) Install the intercooler. <Ref. to IN(STI)-14, INSTALLATION, Intercooler.>
- 5) 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 |