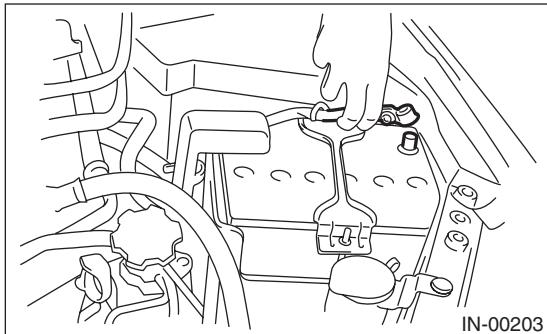


## 16. Front Oxygen (A/F) Sensor

### A: REMOVAL

- 1) Disconnect the ground cable from battery.



- 2) Remove the air intake duct (rear) and air cleaner case. <Ref. to IN(w/o STI)-10, REMOVAL, Air Intake Duct.> <Ref. to IN(w/o STI)-8, REMOVAL, Air Cleaner Case.>

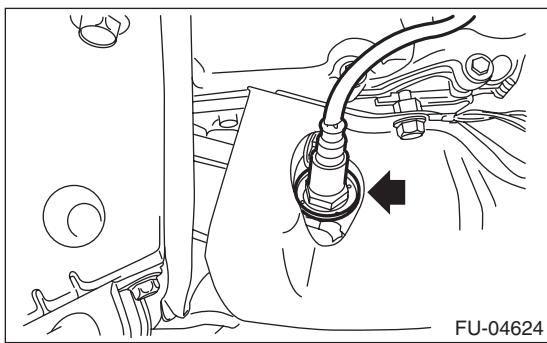
- 3) Disconnect the connectors from front oxygen (A/F) sensor.



- 4) Lift up the vehicle.
- 5) Remove the under cover. <Ref. to EI-28, REMOVAL, Front Under Cover.>
- 6) Apply spray-type lubricant to the threaded portion of front oxygen (A/F) sensor, and leave it for one minute or more.
- 7) Remove the front oxygen (A/F) sensor.

#### CAUTION:

When removing the front oxygen (A/F) sensor, wait until exhaust pipe cools, otherwise it will damage the exhaust pipe.



### B: INSTALLATION

#### CAUTION:

If lubricant is spilt onto the exhaust pipe, wipe it off completely with cloth to avoid emission of smoke or causing a fire.

- 1) Before installing front oxygen (A/F) sensor, apply anti-seize compound only to the threaded portion of front oxygen (A/F) sensor to make the next removal easier.

#### CAUTION:

Never apply anti-seize compound to the protector of front oxygen (A/F) sensor.

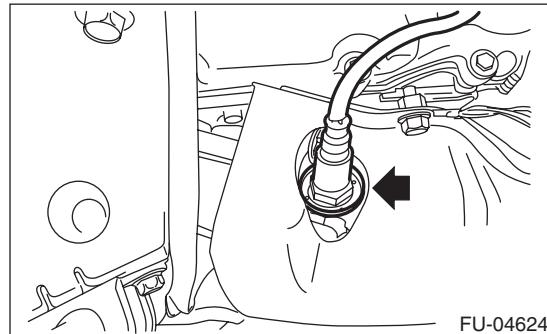
#### Anti-seize compound:

**NEVER-SEEZ NSN, JET LUBE SS-30 or equivalent**

- 2) Install the front oxygen (A/F) sensor.

#### Tightening torque:

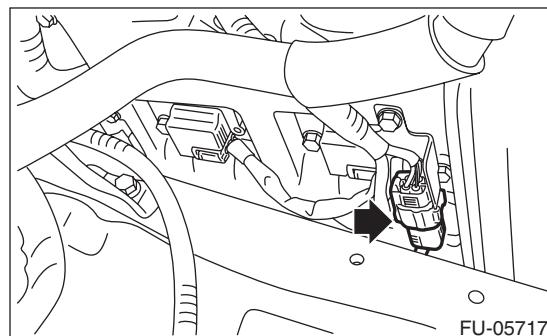
**30 N·m (3.1 kgf·m, 22.1 ft-lb)**



- 3) Install the under cover. <Ref. to EI-28, INSTALLATION, Front Under Cover.>

- 4) Lower the vehicle.

- 5) Connect the connector of front oxygen (A/F) sensor.

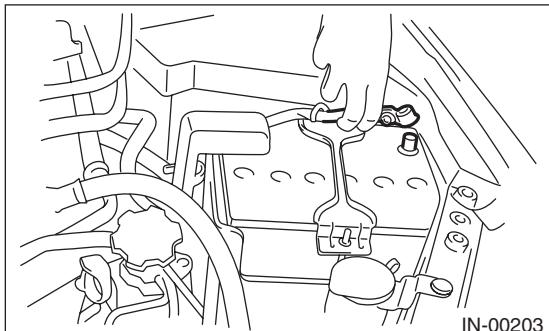


- 6) Install the air intake duct (rear) and air cleaner case. <Ref. to IN(w/o STI)-8, INSTALLATION, Air Cleaner Case.> <Ref. to IN(w/o STI)-10, INSTALLATION, Air Intake Duct.>

# Front Oxygen (A/F) Sensor

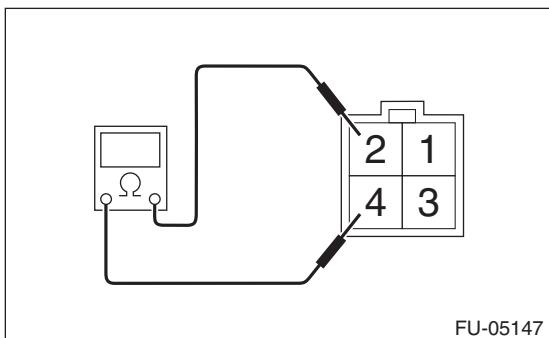
## FUEL INJECTION (FUEL SYSTEMS)

7) Connect the battery ground terminal.



## C: INSPECTION

- 1) Check that the front oxygen (A/F) sensor has no deformation, cracks or other damages.
- 2) Measure the resistance between front oxygen (A/F) sensor terminals.



Terminal No.	Standard
2 and 4	$2.4 \pm 0.24 \Omega$ (when $20^\circ\text{C}$ ( $68^\circ\text{F}$ ))