

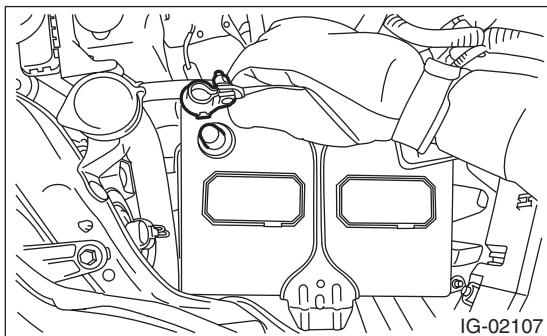
# Front Oxygen (A/F) Sensor

## FUEL INJECTION (FUEL SYSTEMS)

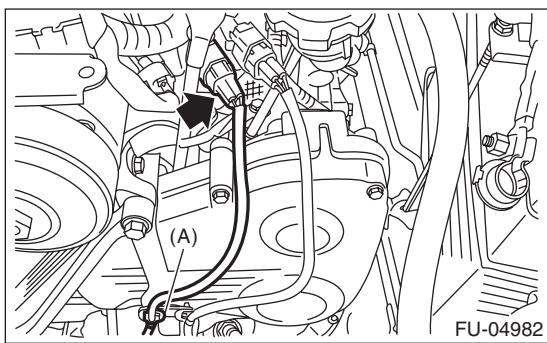
### 16. Front Oxygen (A/F) Sensor

#### A: REMOVAL

- 1) Disconnect the ground cable from battery.



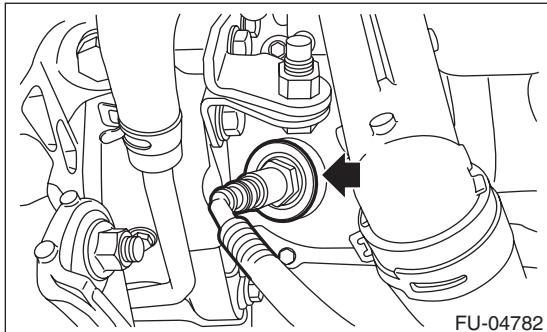
- 2) Remove the radiator main fan motor assembly.  
<Ref. to CO(H4DOTC)-27, REMOVAL, Radiator Sub Fan and Fan Motor.>
- 3) Disconnect the connector from the front oxygen (A/F) sensor, and remove the clip (A) holding the front oxygen (A/F) sensor harness.



- 4) Apply spray-type lubricant to the threaded portion of front oxygen (A/F) sensor, and leave it for one minute or more.
- 5) Remove the front oxygen (A/F) sensor by using a sensor socket.

#### 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 over the exhaust pipe, wipe it off 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.

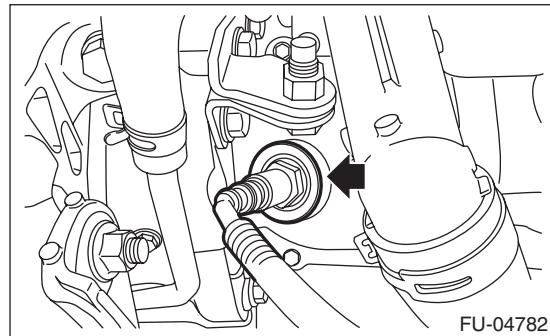
##### Anti-seize compound:

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

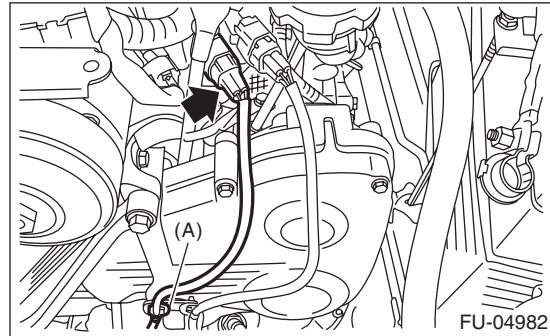
- 2) Install the front oxygen (A/F) sensor.

##### Tightening torque:

**30 N·m (3.1 kgf·m, 22.1 ft·lb)**

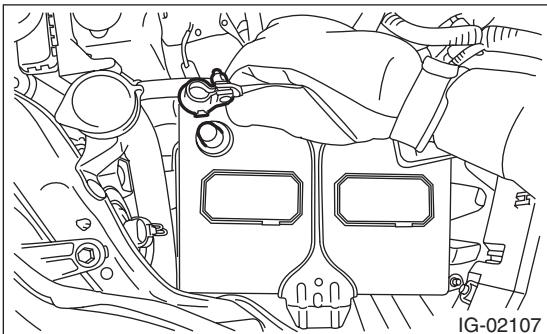


- 3) Connect the front oxygen (A/F) sensor connector, and secure the front oxygen (A/F) sensor harness by using the clip (A).



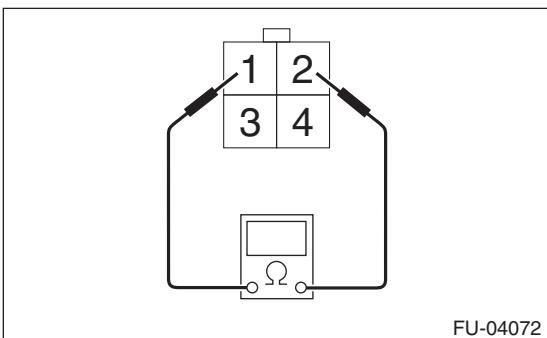
- 4) Install the radiator main fan motor assembly.  
<Ref. to CO(H4DOTC)-27, INSTALLATION, Radiator Sub Fan and Fan Motor.>

5) Connect the ground cable to battery.



### 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
1 and 2	$2.4 \pm 0.24 \Omega$ (when $20^\circ\text{C}$ ( $68^\circ\text{F}$ ))