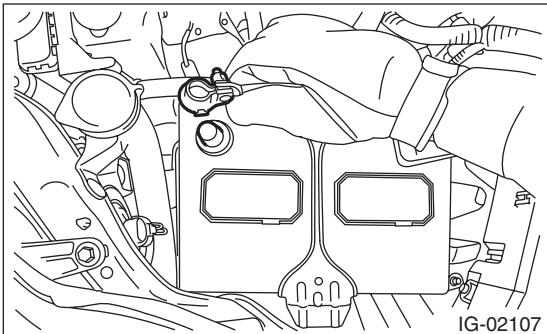


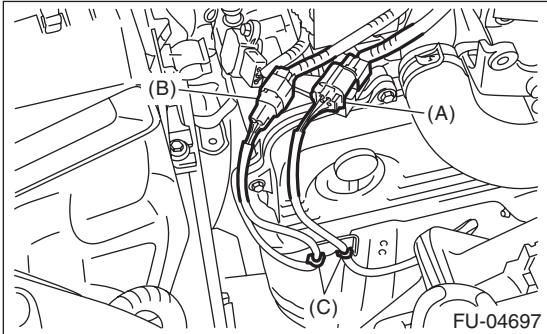
### 15. Front Oxygen (A/F) Sensor

#### A: REMOVAL

- 1) Disconnect the ground cable from battery.



- 2) Remove the air intake duct. <Ref. to IN(H4SO)-9, REMOVAL, Air Intake Duct.>
- 3) Disconnect the front oxygen (A/F) sensor connector, and remove the clip holding the front oxygen (A/F) sensor harness.

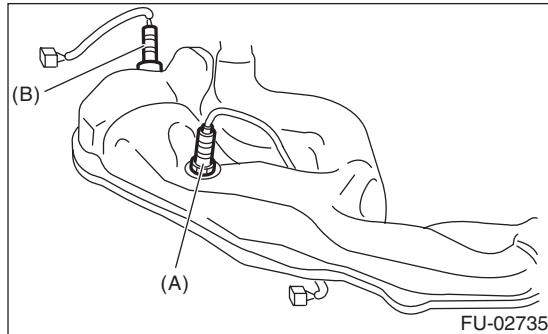


(A) Front oxygen (A/F) sensor connector  
 (B) Rear oxygen sensor connector  
 (C) Clip

- 4) Lift up the vehicle.
- 5) Remove the under cover. <Ref. to EI-35, 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.**



(A) Front oxygen (A/F) sensor  
 (B) Rear oxygen sensor

#### 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.**

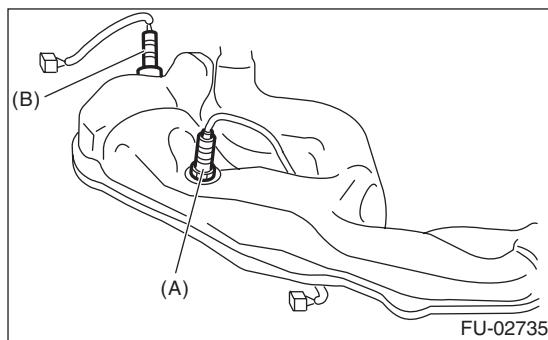
##### Anti-seize compound:

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

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

##### Tightening torque:

**21 N·m (2.1 kgf·m, 15.5 ft-lb)**

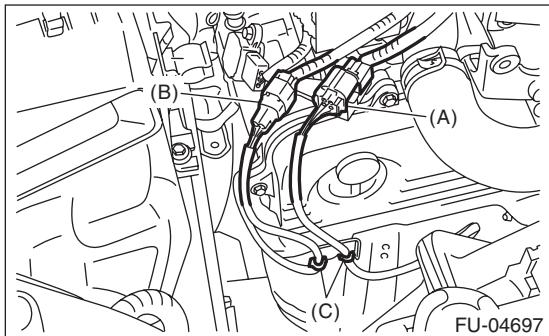


(A) Front oxygen (A/F) sensor  
 (B) Rear oxygen sensor

# Front Oxygen (A/F) Sensor

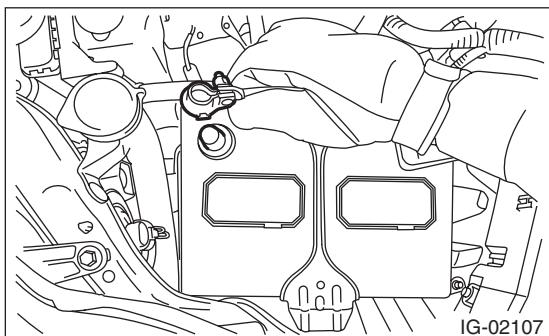
## FUEL INJECTION (FUEL SYSTEMS)

- 3) Install the under cover. <Ref. to EI-35, INSTALLATION, Front Under Cover.>
- 4) Lower the vehicle.
- 5) Connect the front oxygen (A/F) sensor connector, and secure the front oxygen (A/F) sensor harness by using the clip.



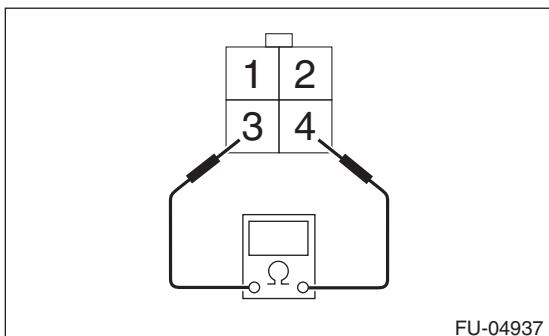
(A) Front oxygen (A/F) sensor connector  
(B) Rear oxygen sensor connector  
(C) Clip

- 6) Install the air intake duct. <Ref. to IN(H4SO)-9, INSTALLATION, Air Intake Duct.>
- 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
3 and 4	$2.4 \pm 0.24 \Omega$ (when 20°C (68°F))