

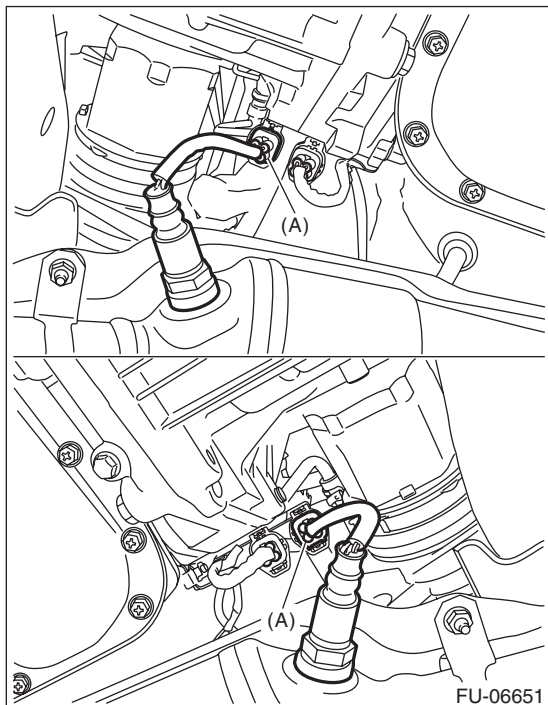
# Front Oxygen (A/F) Sensor

FUEL INJECTION (FUEL SYSTEMS)

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

### A: REMOVAL

- 1) Disconnect the ground cable from battery.
- 2) Lift up the vehicle.
- 3) Disconnect the connector (A) of the front oxygen (A/F) sensor.

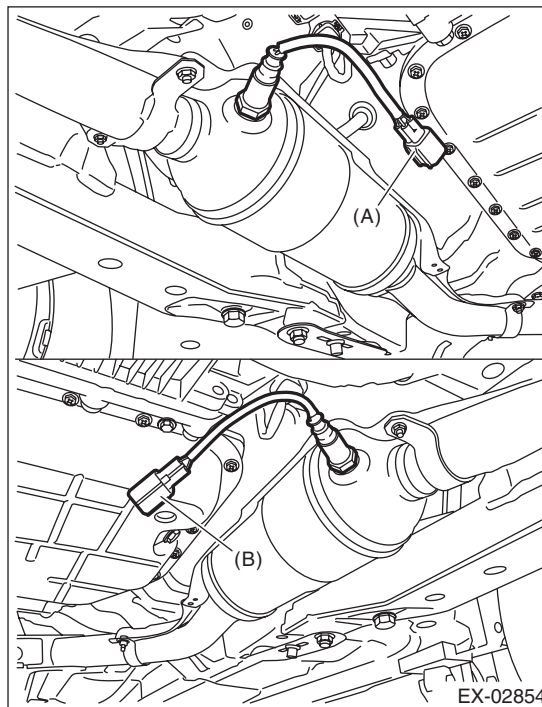


- 4) Apply spray-type lubricant to the threaded portion of front oxygen (A/F) sensor, and leave it for one minute or more.

- 5) Remove the front oxygen (A/F) sensor.

### 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 RH  
(B) Front oxygen (A/F) sensor LH

### 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***

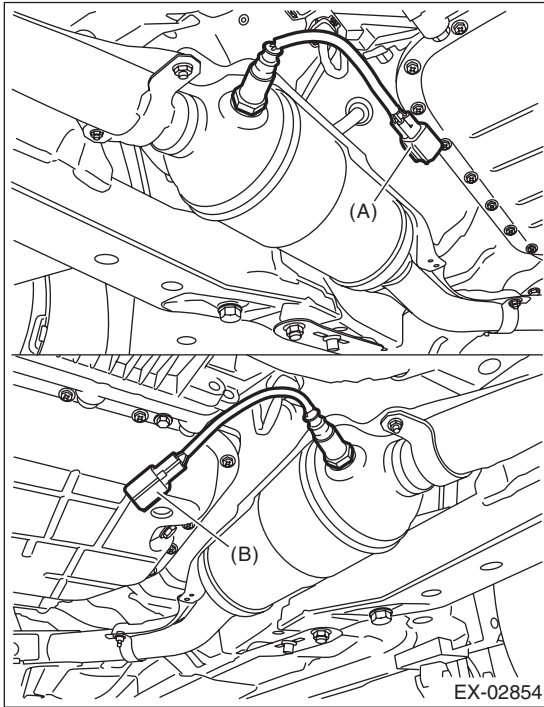
# Front Oxygen (A/F) Sensor

FUEL INJECTION (FUEL SYSTEMS)

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

**Tightening torque:**

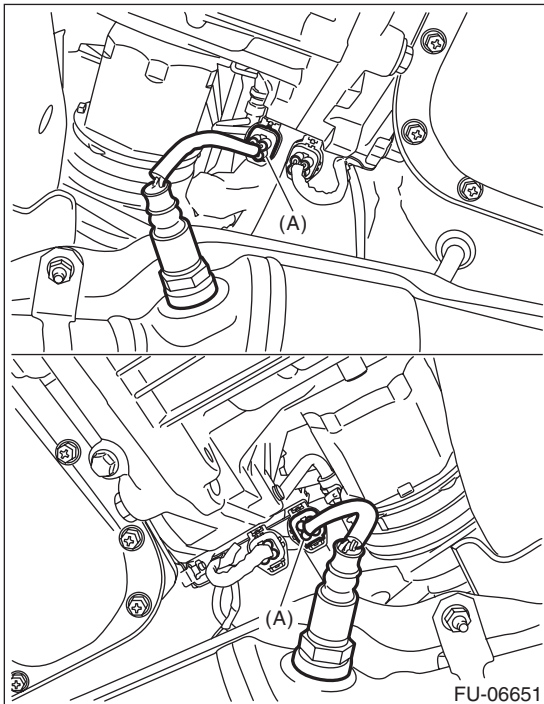
**21 N·m (2.1 kgf·m, 15.5 ft·lb)**



(A) Front oxygen (A/F) sensor RH

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

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



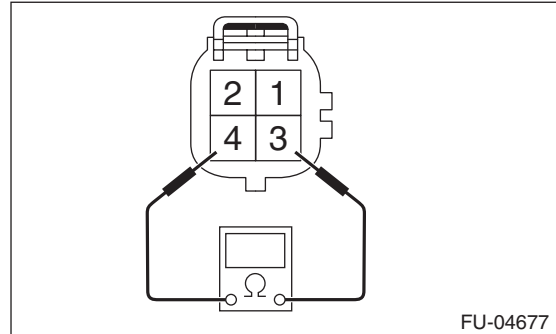
4) Lower the vehicle.

5) 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))