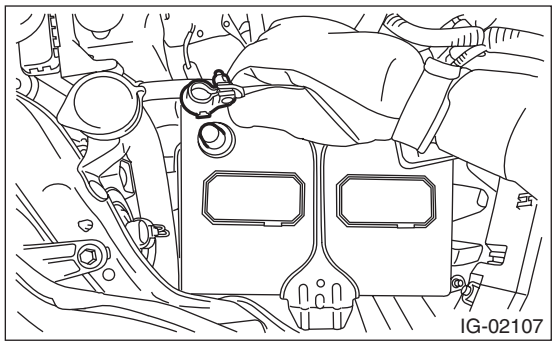
16.Rear Oxygen Sensor

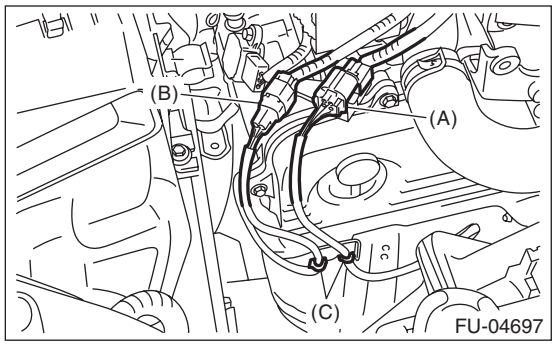
A: REMOVAL

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 rear oxygen sensor connector, and remove the clip holding the rear oxygen sensor harness.



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

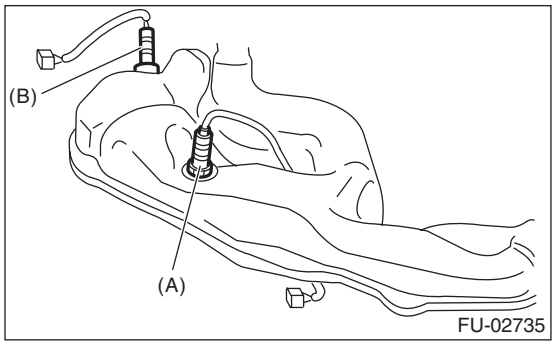
4) Lift up the vehicle.

5) Remove the under cover. <Ref. to EI-35, REMOVAL, Front Under Cover.>

6) Apply spray-type lubricant to the threaded portion of rear oxygen sensor, and leave it for one minute or more.

7) Remove the rear oxygen sensor.

CAUTION:
When removing the rear oxygen 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.

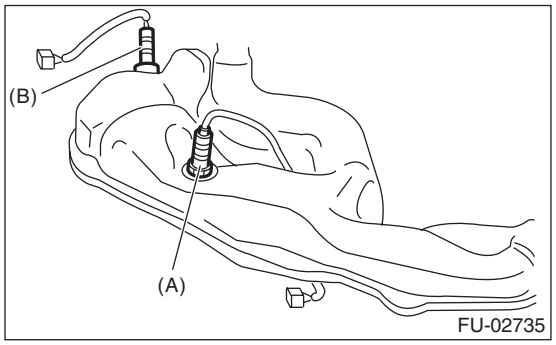
1) Before installing rear oxygen sensor, apply the anti-seize compound only to the threaded portion of rear oxygen sensor to make the next removal easier.

CAUTION:
Never apply anti-seize compound to the protector of rear oxygen sensor.

Anti-seize compound:
NEVER-SEEZ NSN, JET LUBE SS-30 or equivalent

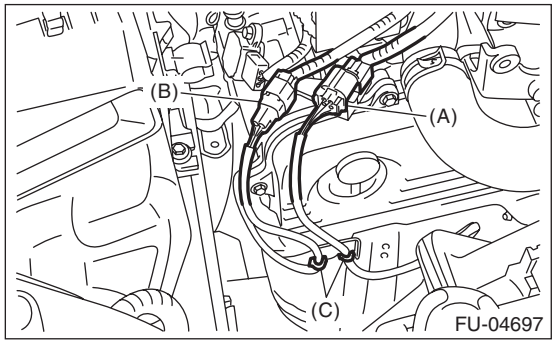
2) Install the rear oxygen sensor.

Tightening torque:
21 N·m (2.1 kgf-m, 15.5 ft-lb)



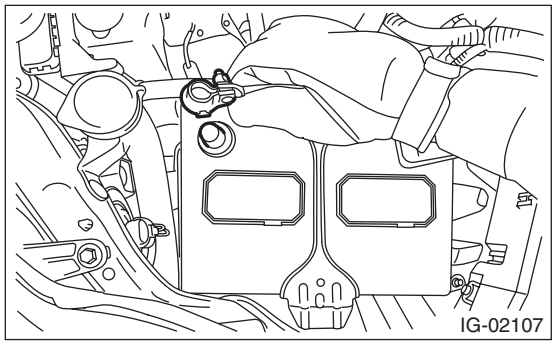
(A) Front oxygen (A/F) sensor
(B) Rear oxygen sensor

3) Install the under cover. <Ref. to EI-35, INSTALLATION, Front Under Cover.>
4) Lower the vehicle.
5) Connect the rear oxygen sensor connector, and hold the rear oxygen sensor harness with the clip.



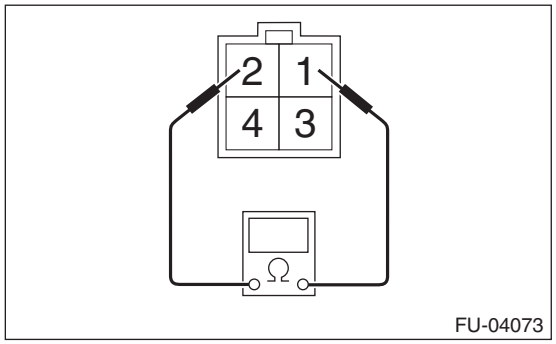
(A) Front oxygen (A/F) sensor connector
(B) Rear oxygen sensor connector
(C) Clip

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 rear oxygen sensor has no deformation, cracks or other damages.
2) Measure the resistance between rear oxygen sensor terminals.



Terminal No.	Standard
1 and 2	$5.6^{+1.7}_{-0.6}$ Ω (when 20°C (68°F))