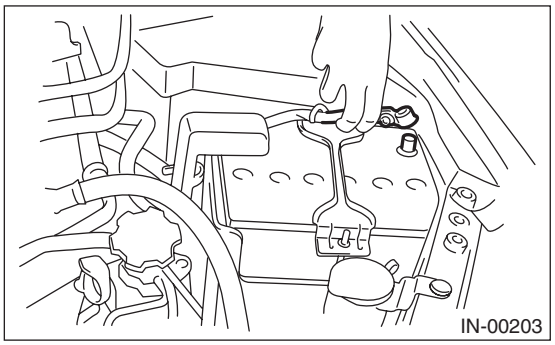
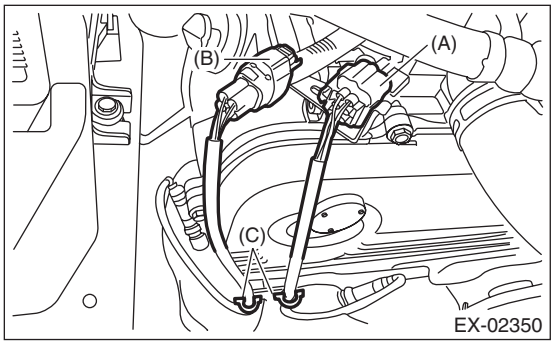
15.Front Oxygen (A/F) Sensor

A: REMOVAL

1) Set the vehicle on a lift.
2) Disconnect the ground cable from battery.



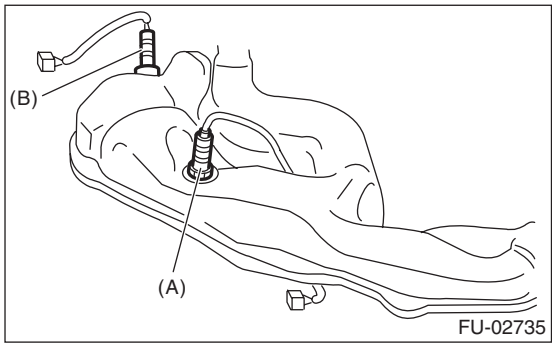
3) Remove the air intake duct. <Ref. to IN(H4SO)-8, REMOVAL, Air Intake Duct.>
4) Remove the clip fastening the harness and disconnect the front oxygen (A/F) sensor connector.



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

5) Lift up the vehicle.
6) Remove the under cover.
7) Apply spray-type lubricant to the threaded portion of front oxygen (A/F) sensor, and leave it for one minute or more.
8) 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

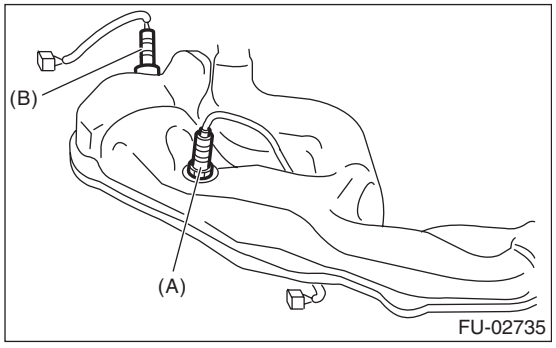
B: INSTALLATION

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.

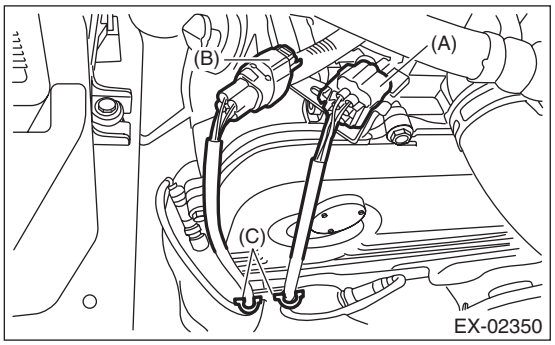
Tightening torque:
21 N·m (2.1 kgf-m, 15.5 ft-lb)



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

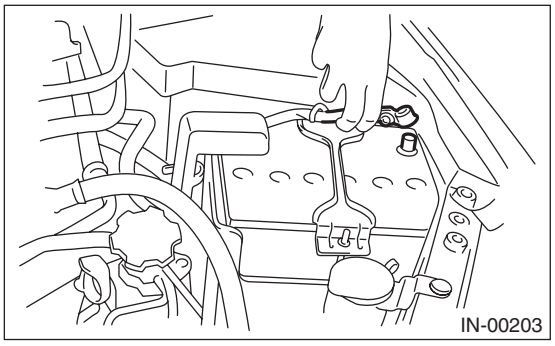
3) Install the under cover.
4) Lower the vehicle.

5) Connect the connector of front oxygen (A/F) sensor connector and fasten the harness with clips.



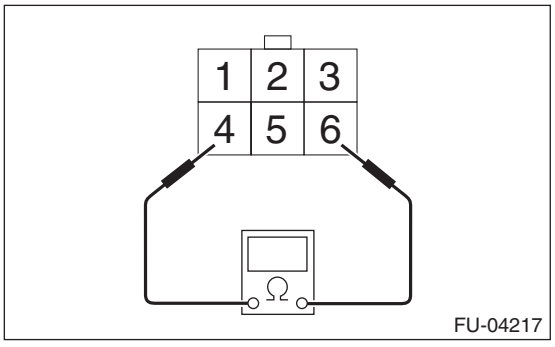
(A) Front oxygen (A/F) sensor connector
(B) Rear oxygen sensor connector
(C) Clip

6) Connect the ground cable to battery.



C: INSPECTION

Measure the resistance between front oxygen (A/F) sensor terminal.



Terminal No.	Standard
4 and 6	2.4±0.24 Ω (20°C (68°F))