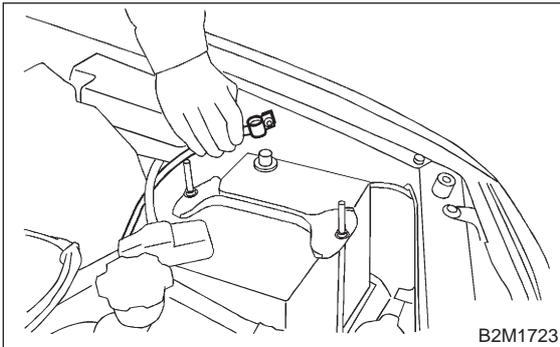


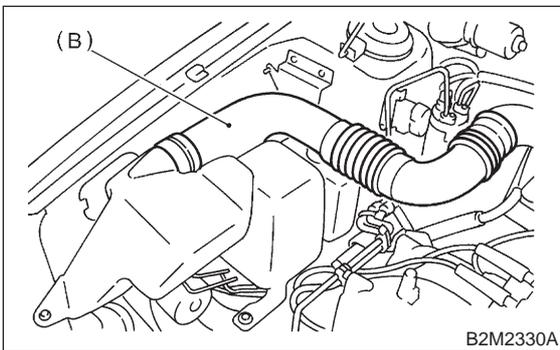
## 7. Front Oxygen (A/F) Sensor

### A: REMOVAL

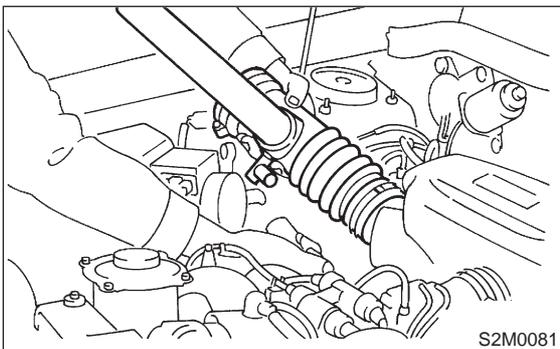
- 1) Disconnect battery ground cable.



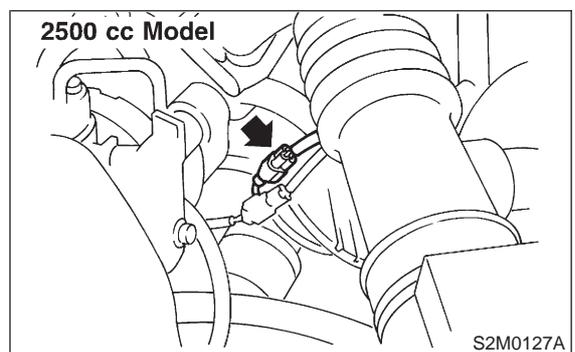
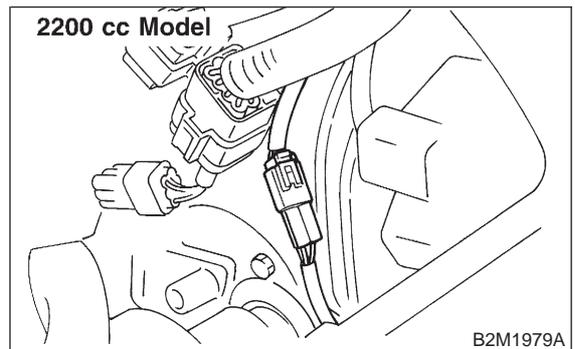
- 2) Disconnect air intake duct (B). (2200 cc California spec. vehicles) <Ref. to 2-7 [W1A1].>



- 3) Remove air intake duct. (Except 2200 cc California spec. vehicles) <Ref. to 2-7 [W1A2].>



- 4) Disconnect connector from front oxygen sensor.



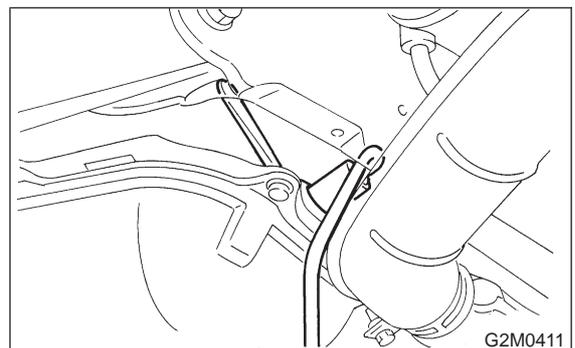
- 5) Lift-up the vehicle.
- 6) Apply SUBARU CRC or its equivalent to threaded portion of front oxygen (A/F) sensor, and leave it for one minute or more.

**SUBARU CRC (Part No. 004301003)**

- 7) Remove front oxygen (A/F) sensor.

#### CAUTION:

When removing, do not force front oxygen (A/F) sensor in an unnatural way especially when exhaust pipe is cold, otherwise it will damage exhaust pipe.

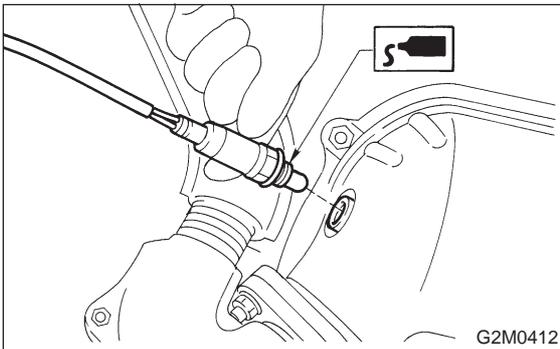


**B: INSTALLATION**

1) Before installing front oxygen (A/F) sensor, apply anti-seize compound only to threaded portion of front oxygen (A/F) sensor to make the next removal easier.

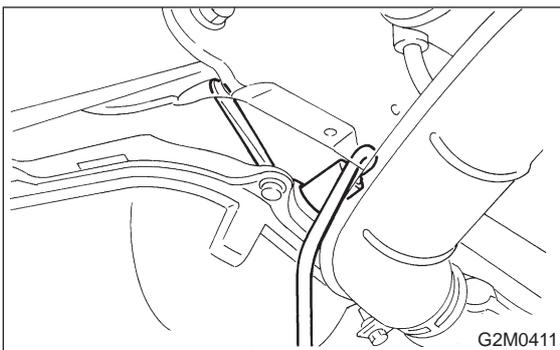
**Anti-seize compound:**  
**SS-30 by JET LUBE**

**CAUTION:**  
Never apply anti-seize compound to protector of front oxygen (A/F) sensor.



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

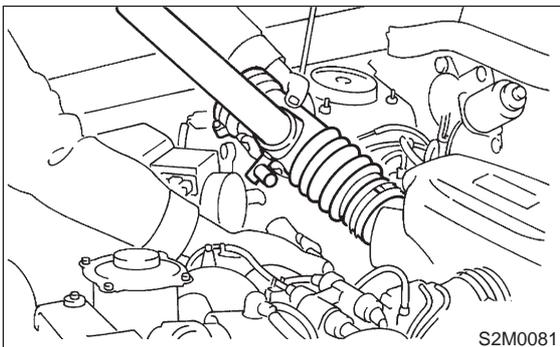
**Tightening torque:**  
 **$21 \pm 3$  N·m ( $2.1 \pm 0.3$  kg·m,  $15.2 \pm 2.2$  ft·lb)**



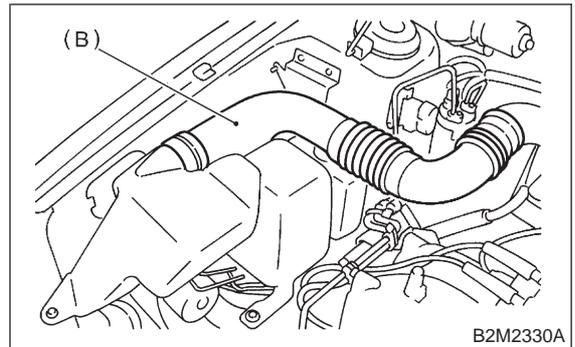
3) Lower the vehicle.

4) Connect connector to front oxygen (A/F) sensor.

5) Install air intake duct. (Except 2200 cc California spec. vehicles) <Ref. to 2-7 [W1A2].>



6) Install air intake duct (B). (2200 cc California spec. vehicles) <Ref. to 2-7 [W1A1].>



7) Connect battery ground cable.

