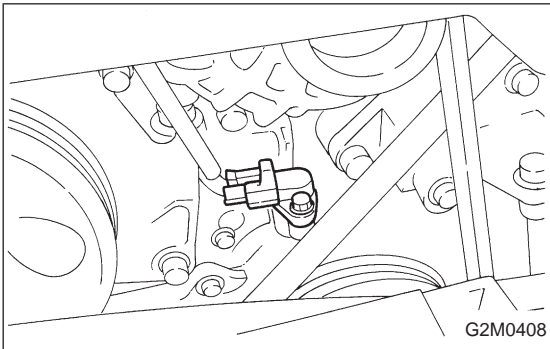


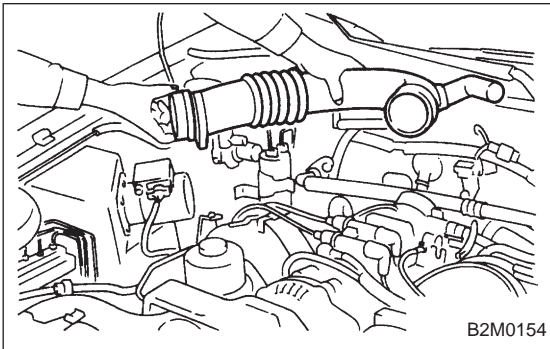
2) Remove crankshaft position sensor, and disconnect connector from it.



3) Installation is in the reverse order of removal.

**Tightening torque:**

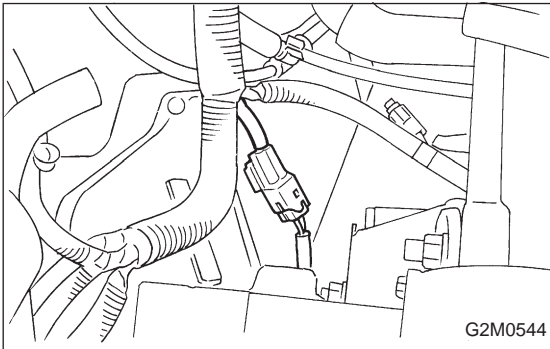
**$6.4 \pm 0.5 \text{ N}\cdot\text{m}$  ( $0.65 \pm 0.05 \text{ kg}\cdot\text{m}$ ,  $4.7 \pm 0.4 \text{ ft}\cdot\text{lb}$ )**



## 7. Front Oxygen Sensor

### A: REMOVAL

1) Remove air intake duct.

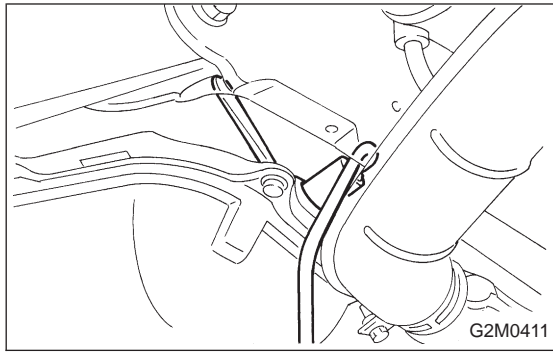


2) Disconnect connector from front oxygen sensor.

3) Lift-up the vehicle.

4) Apply SUBARU CRC or its equivalent to threaded portion of front oxygen sensor, and leave it for one minute or more.

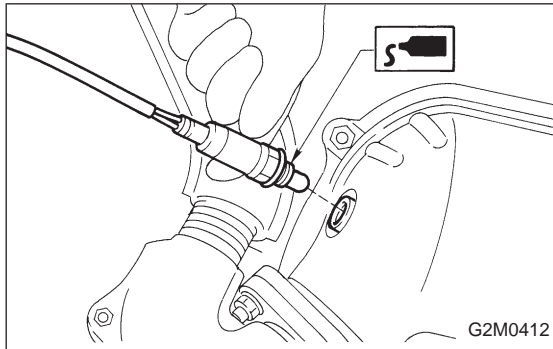
***SUBARU CRC (Part No. 004301003)***



5) Remove front oxygen sensor.

**CAUTION:**

When removing oxygen sensor, do not force oxygen sensor especially when exhaust pipe is cold, otherwise it will damage exhaust pipe.



**B: INSTALLATION**

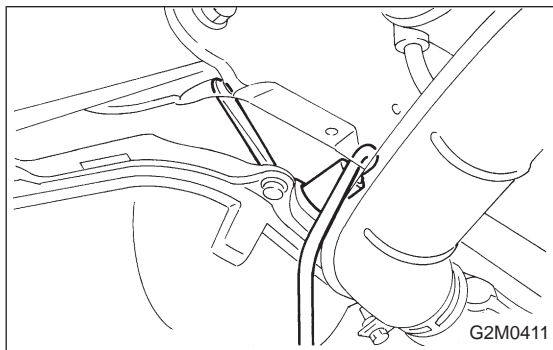
1) Before installing front oxygen sensor, apply anti-seize compound only to threaded portion of front oxygen sensor to make the next removal easier.

**Anti-seize compound:**

**SS-30 by JET LUBE**

**CAUTION:**

Never apply anti-seize compound to protector of front oxygen sensor.



2) Install front oxygen sensor.

**Tightening torque:**

**$21 \pm 3 \text{ N}\cdot\text{m}$  ( $2.1 \pm 0.3 \text{ kg}\cdot\text{m}$ ,  $15.2 \pm 2.2 \text{ ft}\cdot\text{lb}$ )**

3) Lower the vehicle.

4) Connect connector of front oxygen sensor.

5) Install air intake duct.