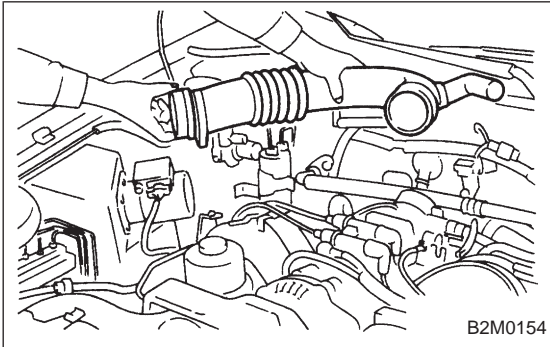


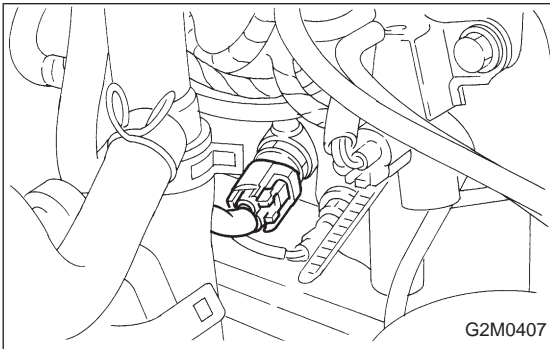
- 18) Install air cleaner element, air cleaner upper cover and air intake duct.
- 19) Connect connector to mass air flow sensor.



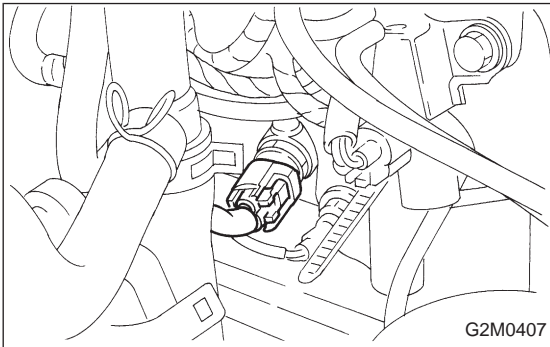
5. Engine Coolant Temperature Sensor

A: REMOVAL AND INSTALLATION

- 1) Remove air intake duct.



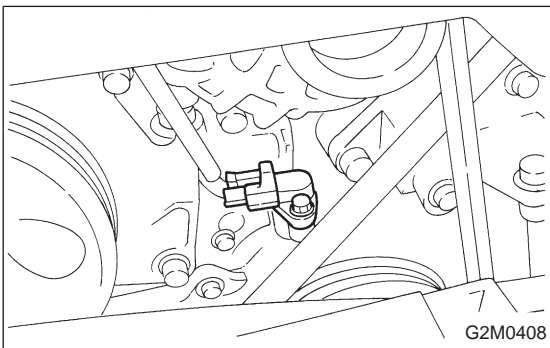
- 2) Disconnect connector from engine coolant temperature sensor.
- 3) Remove engine coolant temperature sensor.



- 4) Installation is in the reverse order of removal.

Tightening torque:

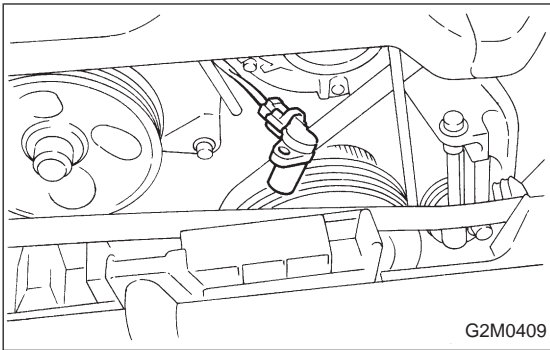
$25 \pm 3 \text{ N}\cdot\text{m}$ ($2.5 \pm 0.3 \text{ kg}\cdot\text{m}$, $18.1 \pm 2.2 \text{ ft}\cdot\text{lb}$)



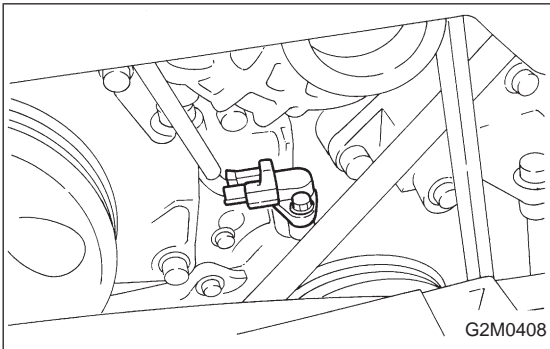
6. Crankshaft Position Sensor

A: REMOVAL AND INSTALLATION

- 1) Remove bolt which install crankshaft position sensor to cylinder block.



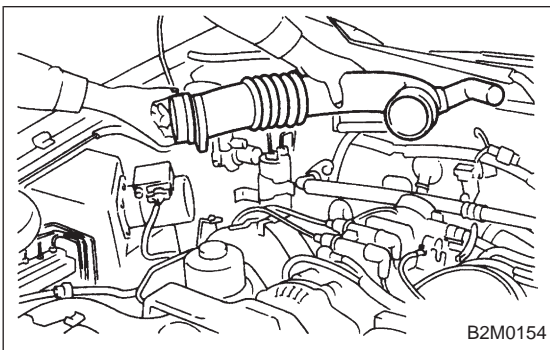
2) Remove crankshaft position sensor, and disconnect connector from it.



3) Installation is in the reverse order of removal.

Tightening torque:

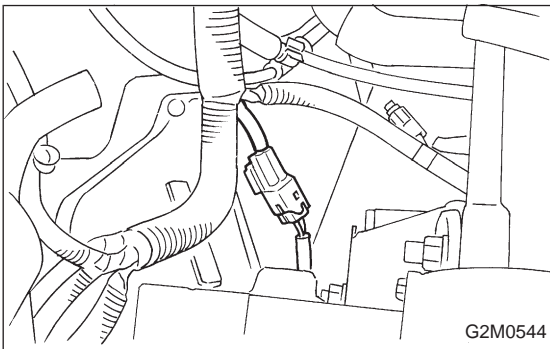
$6.4 \pm 0.5 \text{ N}\cdot\text{m}$ ($0.65 \pm 0.05 \text{ kg}\cdot\text{m}$, $4.7 \pm 0.4 \text{ ft}\cdot\text{lb}$)



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)