

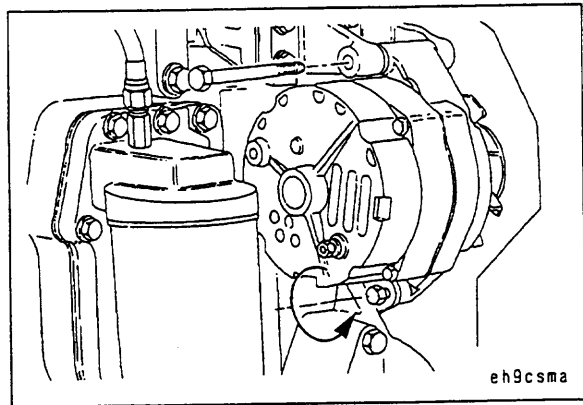
REPLACEMENT OF THERMOSTAT

Preparatory work:

- Drain the coolant.
- Remove the belt.
- Remove the negative (-) connection of the battery.
- Remove the hose at the top of the radiator.

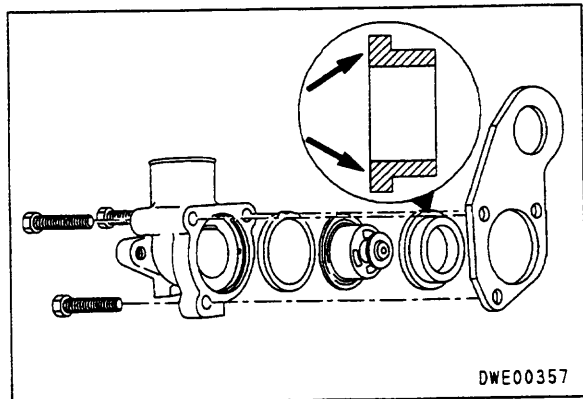
13, 16 mm

Remove the alternator mounting bolts, then loosen the alternator link mounting bolt and lower the alternator.

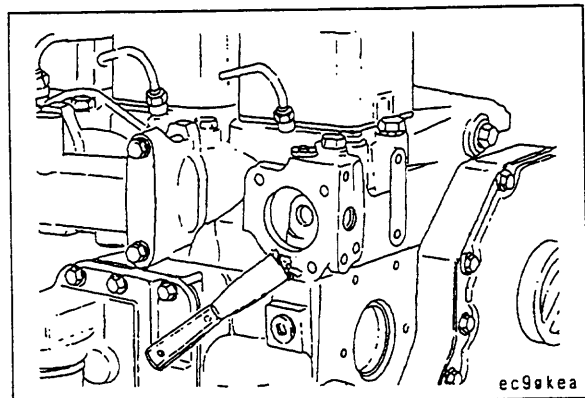


10 mm

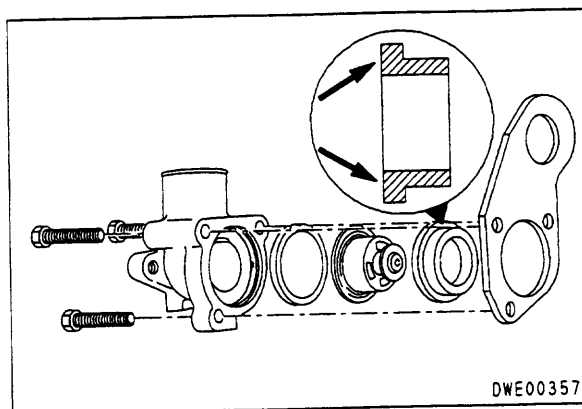
Remove the thermostat housing, lifting bracket, thermostat, and thermostat seal.



Clean the mounting surface.



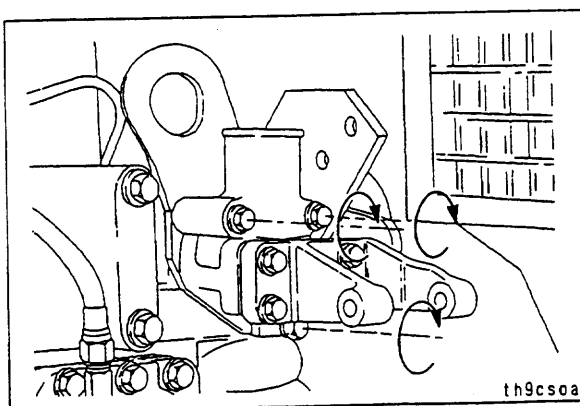
Set the rubber seal in position as shown in the diagram.



10 mm


Assemble the parts in the reverse order to removal.

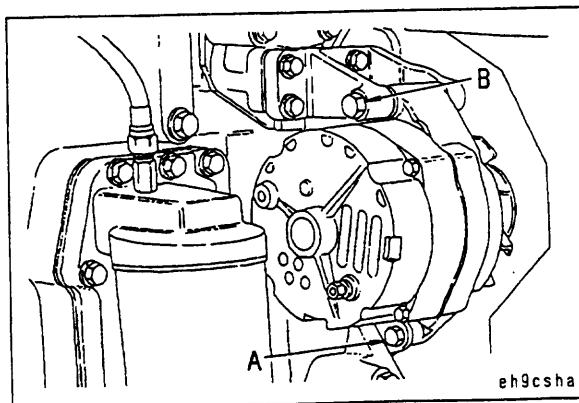
 **kgm**: 24 Nm {2.4 kgm}



13 mm, 16 mm

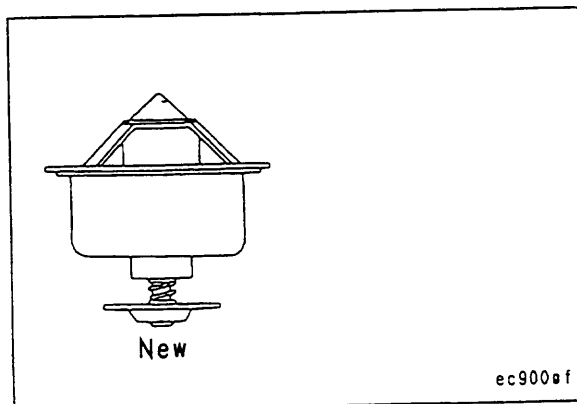
Install the alternator.

 **kgm**: (A) 24 Nm {2.4 kgm}
(B) 43 Nm {4.4 kgm}



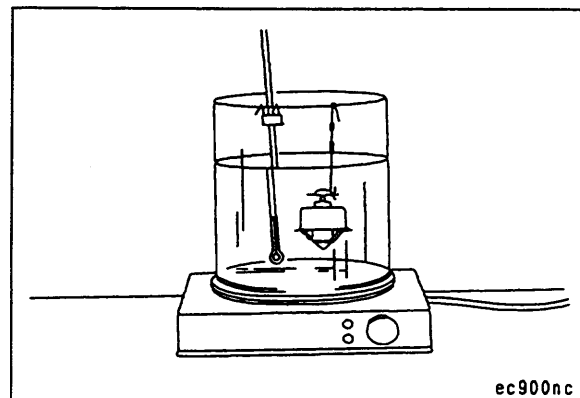
INSPECTION

Check the thermostat visually for obvious damage such as obstructions caused bedris, broken springs, or stuck or missing bent pins.



Check that the thermostat works properly.

Condition
Start of actuation: 83 °C
Fully open: 95 °C



673501

FAN

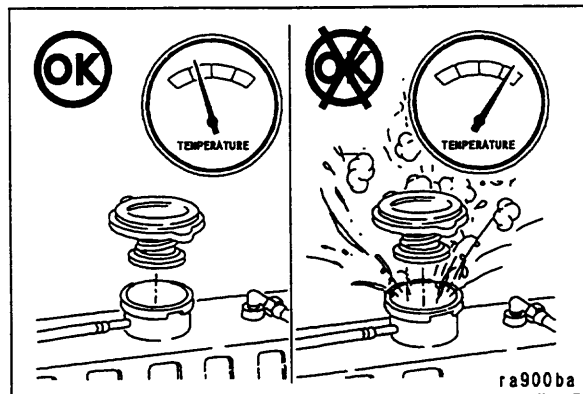
⚠ WARNING: Never pull the fan, twist it open, or use it to rotate the engine. Such action can lead to serious personal injury and to damage to the fan. Use only the correct engine barring technology to rotate the engine by hand.

⚠ Caution: Never change the angle of the blade to increase the air flow (never bend the blade). If the blade or spider are bent, there will be stress generated in the material used for the structure of the fan. Changing the angle (bending) the fan causes defective operation of the fan. Be sure to select a fan of the correct diameter. Never modify the existing fan.

COOLANT

Drain

⚠ Caution: Wait for the temperature to go down to 50 °C before removing the pressure cap from the cooling system.



If this is not done, boiling water may spurt out and cause serious burns.

When draining the coolant, open the drain valve in the radiator and remove the plug at the bottom of the water take-off port. Generally speaking, a 20 liter (4 U.S. gallons) container is large enough to catch the coolant.

