

Disassembly and Assembly

3406C TRUCK ENGINE

Media Number -SEN6548-01

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SEN65480019

Water Temperature Regulators

SMCS - 1355-010

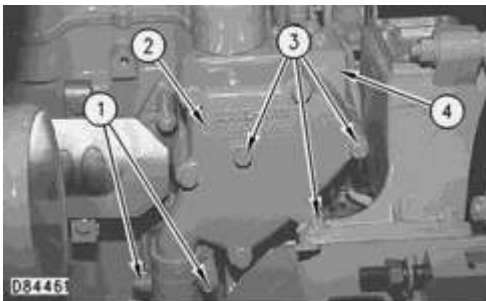
Remove & Install Water Temperature Regulators

Tools Needed	A
1P-0510 Driver Group	1

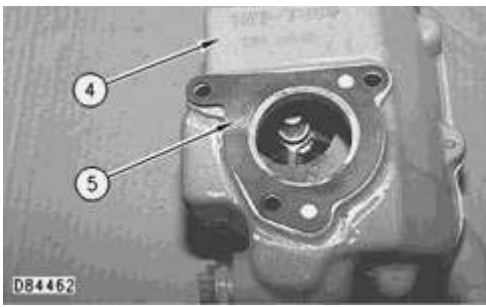
Fluid Spillage Containment

Care must be taken to ensure that fluids are contained during performance of inspection, maintenance, testing, adjusting and repair of the machine. Be prepared to collect the fluid with suitable containers before opening any compartment or disassembling any component containing fluids. Refer to "Tools And Shop Products Guide", NENG2500 for tools and supplies suitable to collect and contain fluids in Caterpillar machines. Dispose fluids according to local regulations and mandates.

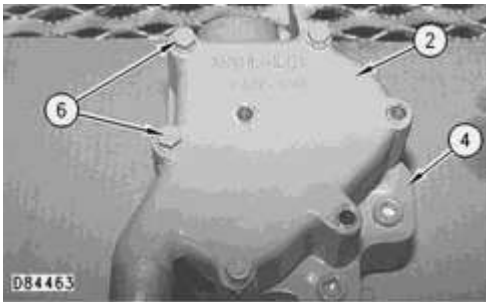
1. Drain the coolant from the engine into a suitable container for storage or disposal.



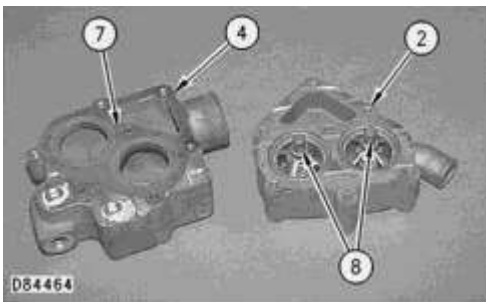
2. Loosen hose clamps (1). Remove three bolts and washers (3).
3. Remove water temperature regulator housing (2) and water temperature regulator manifold (4) as a single unit.



4. Remove gasket (5) from water temperature regulator manifold (4).



5. Remove four bolts and washers (6). Separate water temperature regulator housing (2) from water temperature regulator manifold (4).



6. Remove gasket (7) from water temperature regulator manifold (4).

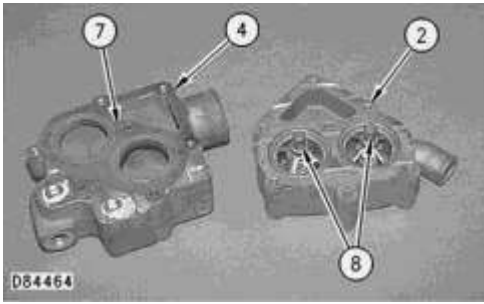
7. Remove two water temperature regulators (8) from water temperature regulator housing (2).



8. Remove two lip seals (9) from water temperature regulator housing (2).

NOTE: The following steps are for installation of the water temperature regulators.

9. Install two lip seals (9) in the water temperature regulator housing with Tool (A) until the seals are in the housing counterbore seat.

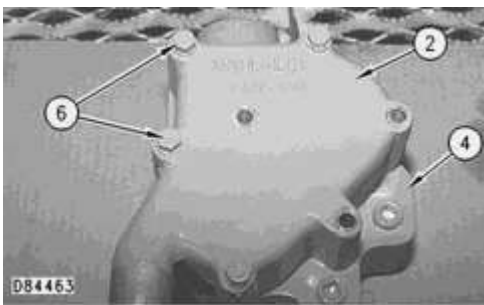


NOTICE

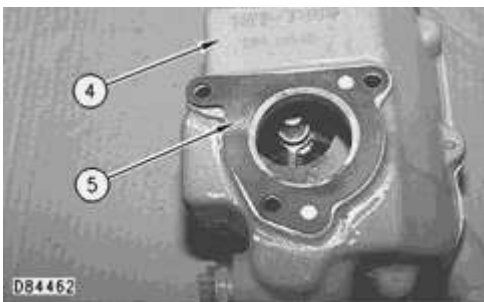
The water temperature regulators must be installed in the water temperature regulator housing as shown or the engine will over heat.

10. Install two water temperature regulators (8) in water temperature regulator housing (2) as shown.

11. Put gasket (7) in position between water temperature regulator housing (2) and water temperature regulator manifold (4).



12. Put water temperature regulator housing (2) in position on water temperature regulator manifold (4). Install four bolts and washers (6).



13. Install gasket (5) on water temperature regulator manifold (4).

