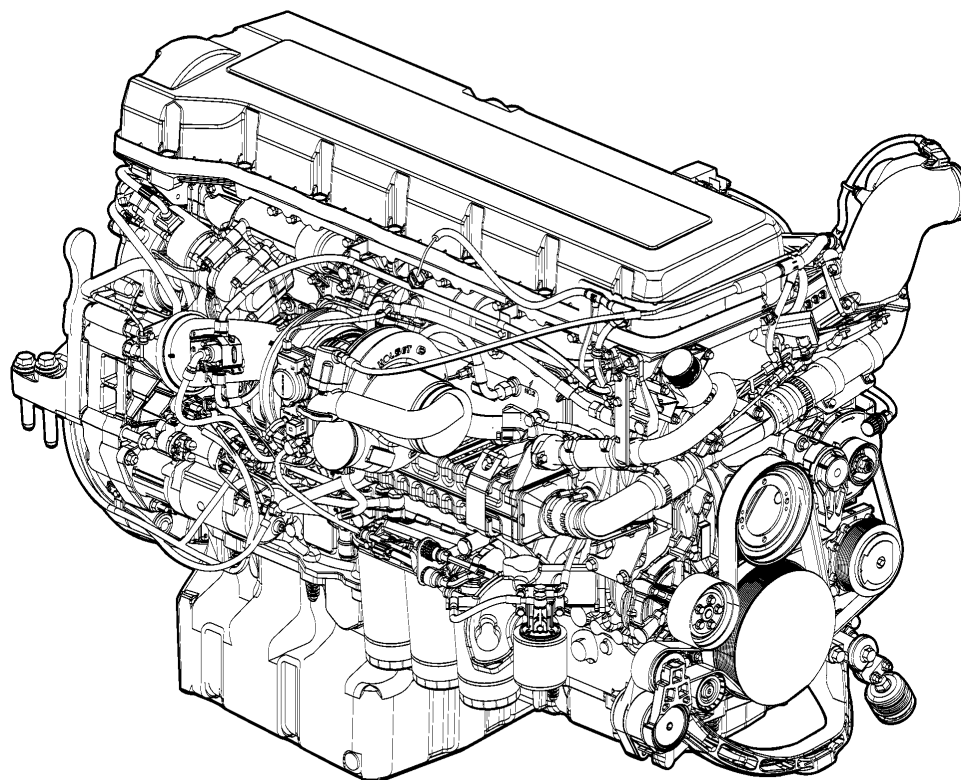


Date	Group	No.	Page
3.2007	223	126	1(5)

Oil Cooler Overflow Valve Replacement D16F

Oil Cooler Overflow Valve Replacement



W2005772

This information covers the proper procedure for replacement of the overflow valve for the oil cooler on the Volvo D16F engine.

Contents

- "Overflow Valve, Oil Cooler, Replacement" page 2

Note: Information is subject to change without notice. Illustrations are used for reference only, and may differ slightly from the actual engine version. However, key components addressed in this information are represented as accurately as possible.

Service Procedures

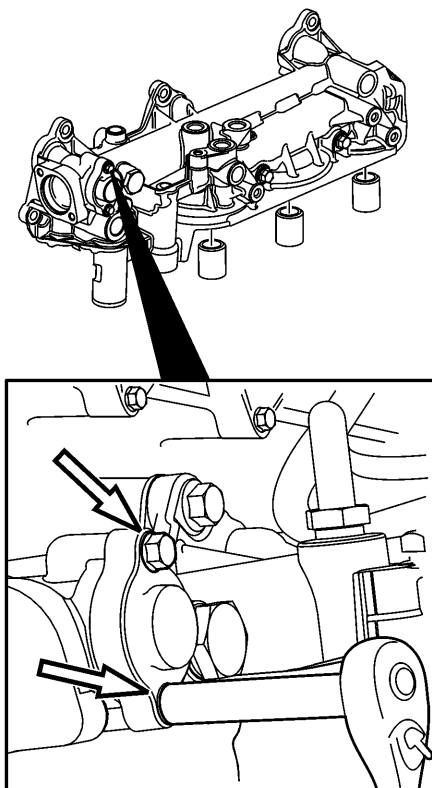
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Overflow Valve, Oil Cooler, Replacement

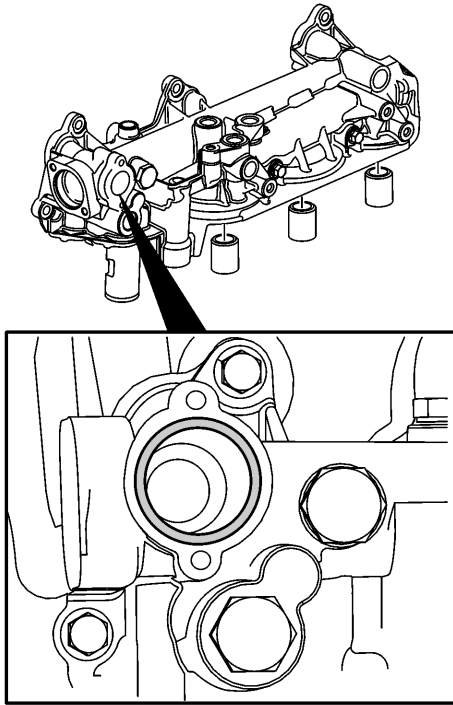
You must read and understand the precautions and guidelines in Service Information, group 20, "General Safety Practices, Engine" before performing this procedure. If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.

Removal

- 1**
Apply the parking brake and place the shift lever in neutral.
- 2**
Remove the chassis components as required for access to the oil cooler overflow valve.
- 3**
Clean the area around the oil cooler overflow valve cover on the oil filter housing.
- 4**
Remove the two screws securing the oil cooler overflow valve cover to the oil filter housing. Remove the overflow valve and cover from the oil filter housing.

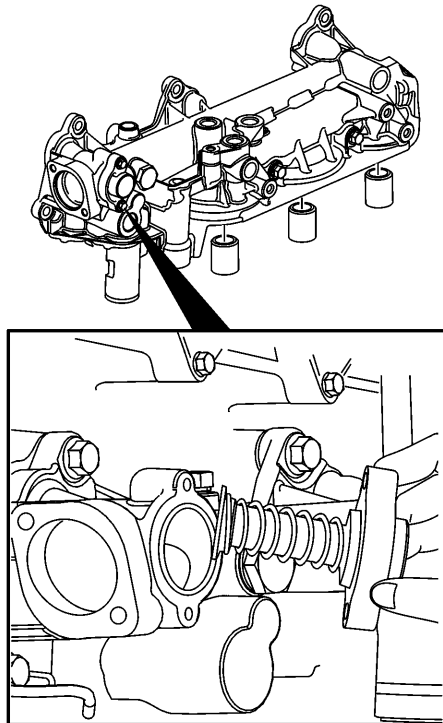


5
Remove the O-ring at the bore opening and inspect the valve bore in the filter housing for pitting, abrasions or scoring. Replace the filter housing if any of these conditions are severe.



W2004907

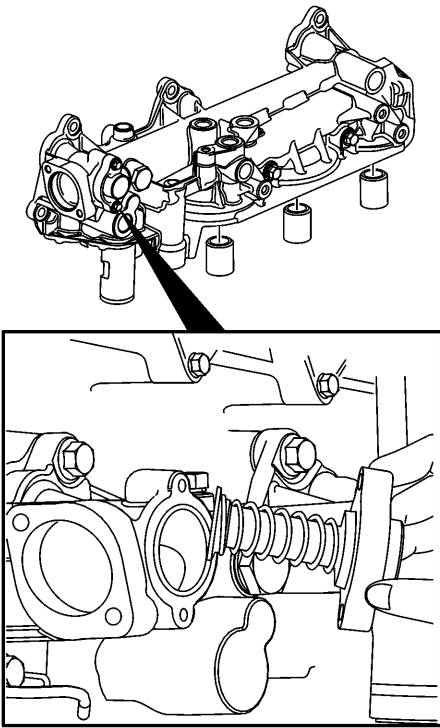
6
Separate the thermostat valve from the cover. Remove the O-ring and square-cut seal from the valve if the valve is not being replaced.



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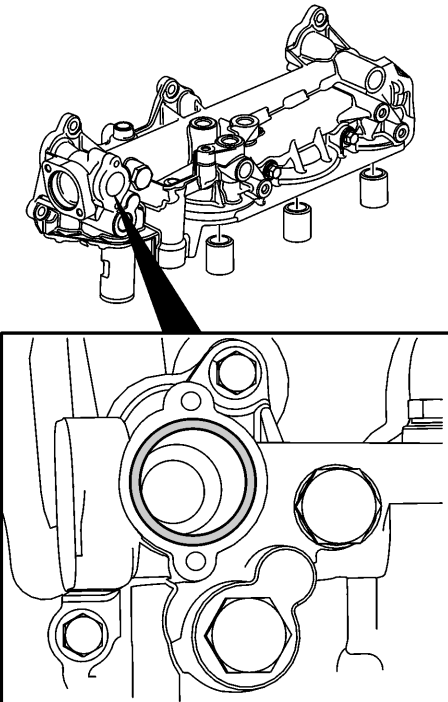
Installation

- 1
Install a new O-ring and square-cut seal onto the thermostat valve and secure the valve into the cover bore.

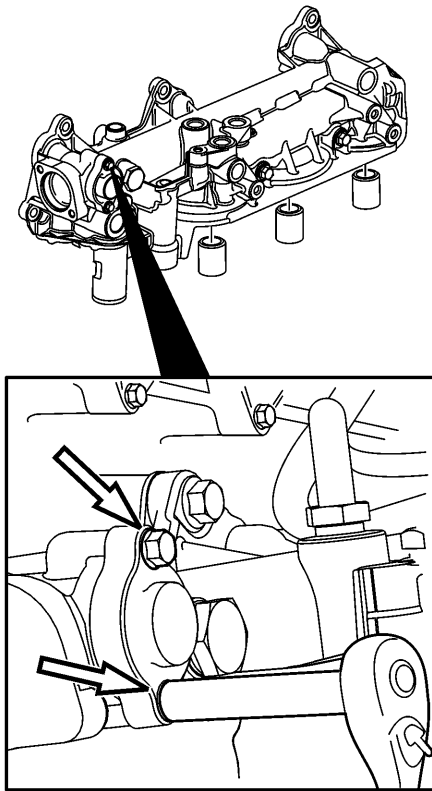


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- 2
Place a new seal into the filter housing groove around the overflow valve bore.



W2004907



W2004906

3
Install the overflow valve and cover into the filter housing.
Secure the cover to the filter housing with the screws and
tighten to 10 ± 5 Nm (7.4 ± 1 ft-lb).

4
Install the chassis components as required.

5
Start the engine, check for leaks and proper operation.
After shutdown, replenish fluids as necessary.