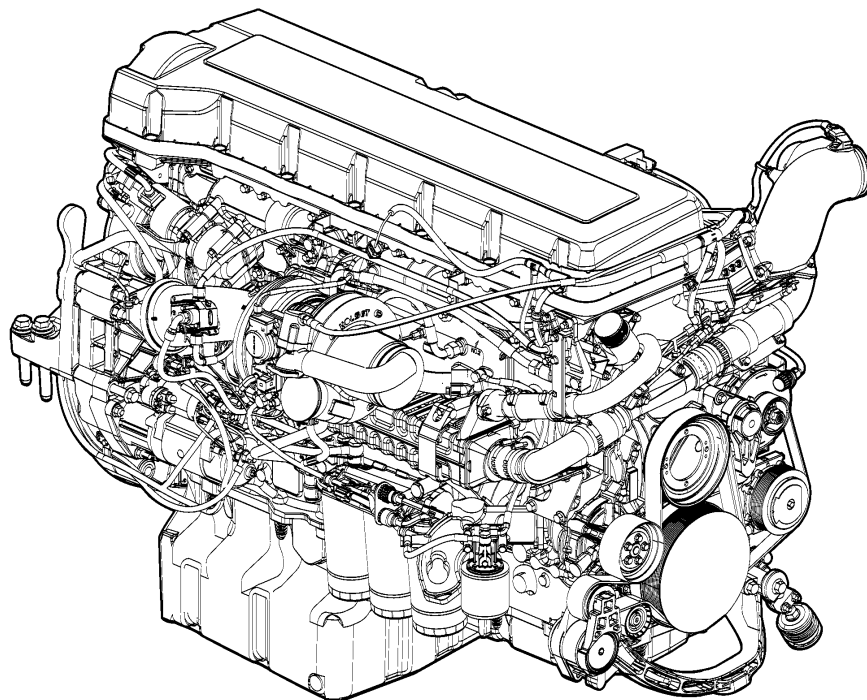


This Service Bulletin replaces SB 223-114, "Oil Cooler, Service," (6.2007), publication no. PV776-20180432.

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Oil Cooler, Pressure Test D16F

Oil Cooler, Pressure Test



W2005772

This information covers procedures for servicing the oil cooler on the Volvo D16F engine.

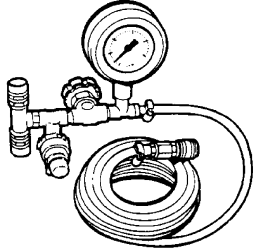
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Note: Information is subject to change without notice. Illustrations are used for reference only and can differ slightly from the actual vehicle being serviced. However, key components addressed in this information are represented as accurately as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

Special Tools

For special tools ordering instructions, refer to Tools Information, group 08.

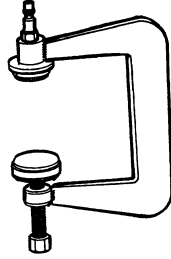


9996662

T0009699

9996662

Pressure Tester



C0000393

9996845

Clamp

2231-06-05-01 Oil Cooler, Pressure Test

Oil cooler removed

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.

Special tools: 9996662, 9996845

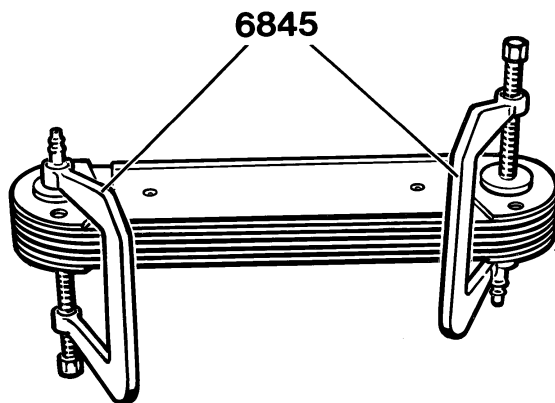
1

Wash the coolant side of the oil cooler with a water-soluble degreasing fluid. Flush the oil side of the cooler with degreasing solvent.

2

Install the clamps making sure they are properly seated.

9996845

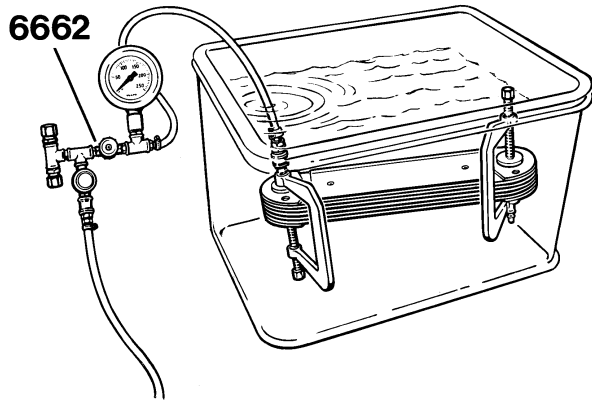


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3

Adjust the pressure gauge reduction valve knob until the pressure gauge needle is at zero.

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4
Connect the pressure gauge assembly to the fitting on the clamp. Lower the oil cooler into a bath of water. The water temperature should be at approximately 70°C (160°F).

9996845

5
Increase the pressure to 250 kPa (35 psi) using the reduction valve knob. The test period should last for at least one minute.

Note: Air bubbles emerging from the oil cooler indicate a leak. The oil cooler should be replaced.