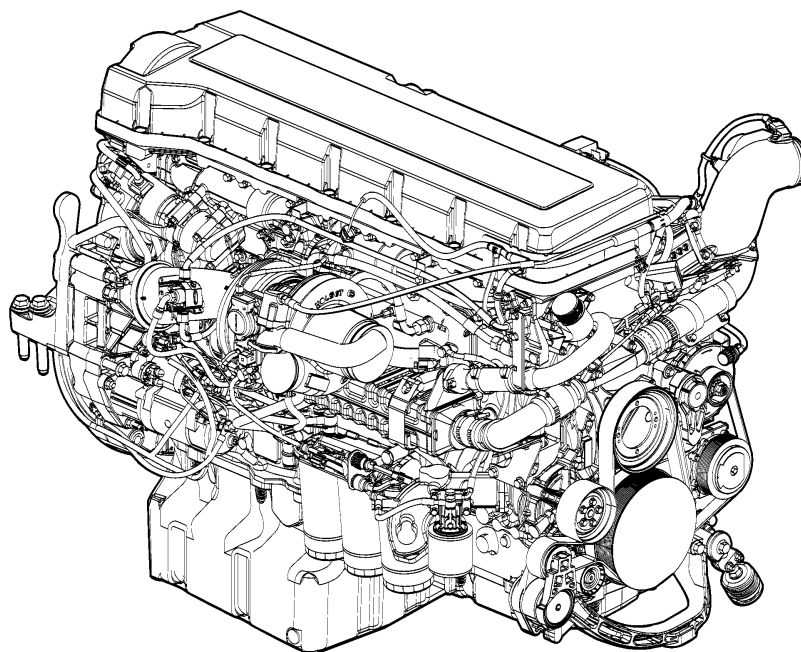


This Service Bulletin replaces SB 262-43, "Thermostat, D16F" dated (9.2007), publication no. PV776-20125610.

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11.2007	262	05	1(2)

Thermostat
Checking
D11F, D13F, D16F

Thermostat, Checking



W2005772

This information covers the procedures for checking the thermostat on the Volvo D16F engine.

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

2627-06-05-01 Thermostat, Checking

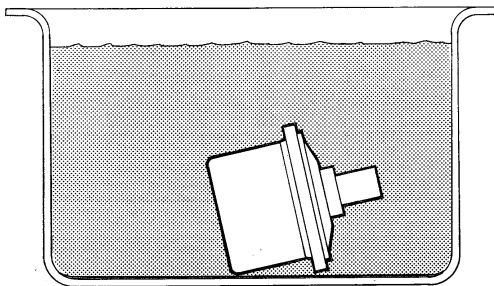
You must read and understand the precautions and guidelines in Service Information, group 20, "General Safety Practices, Engine" before performing this procedure. If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.

A function check must be carried out before installing a new thermostat.

Note: Check to be sure that the thermostat closes fully. This can be done by holding it up to the light to check that there is no visible gap at the opening point. If the thermostat does not close properly, replace it.

1

Warm up water in a receptacle to 75°C (167°F) and immerse the thermostat in the water as illustrated. Use a piece of wire attached to the thermostat.



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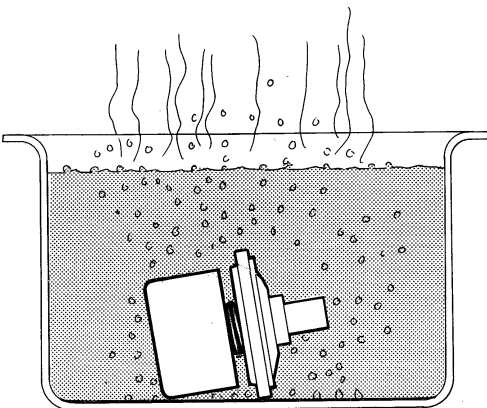
Checking the Thermostat

2

After at least 30 seconds, check that the thermostat is still closed.

3

Now warm the water to 100°C (212°F). After at least 30 seconds at boiling point, check that the thermostat has opened at least 7 mm (9/32 in). If the thermostat has not opened, it must be replaced. A good thermostat starts to close at 95°C (203°F) and is fully closed at approximately 85°C (185°F).



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Checking the Thermostat