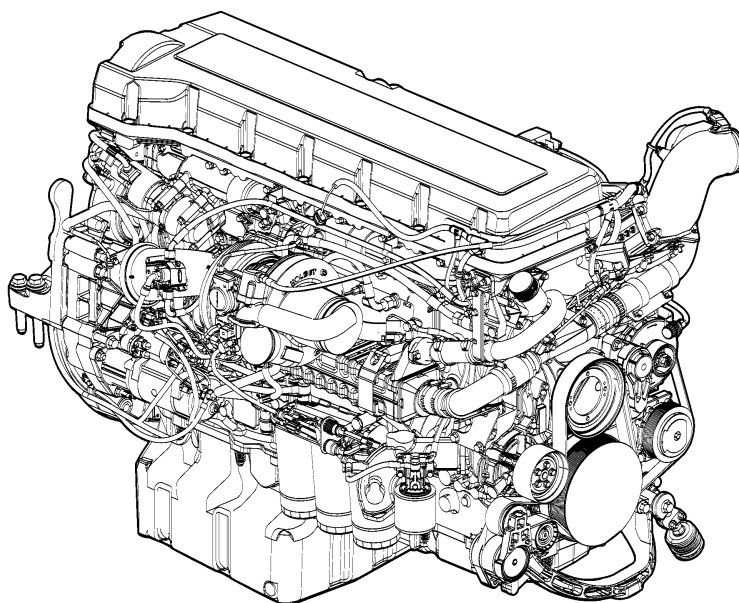


This Service Bulletin replaces SB 260-32, "Cooling System Service," dated (1.2007), publication no. PV776-20177193.

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Fan Hub Assembly Replacement D16F

Fan Hub Assembly, Replacement



W2005772

This information covers the service procedures for the fan hub assembly on a chassis with the Volvo D16F engine.

Contents

- "Special Tools" page 2
- "Fan Hub Assembly, Replacement" page 3

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.

Tools

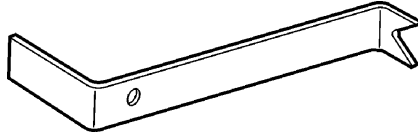
Special Tools

For special tool ordering instructions, see tool information in group 08.



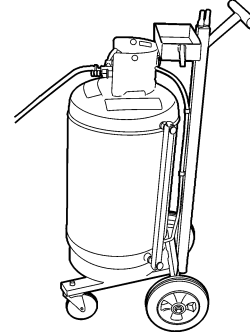
W0001795

9996049
Coolant Drain Hose



W0001874

J-44773
Airline Release Tool



W2004191

DBT2V700
Coolant Extractor

Service Procedures

2633-03-02-05

Fan Hub Assembly, Replacement

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

Special tools: 9996049, J-44773, DBT2V700

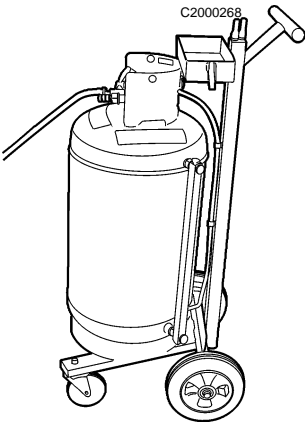
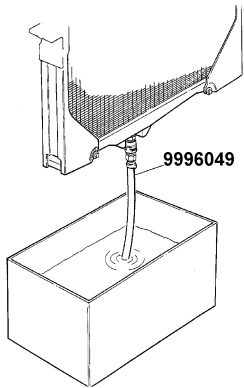
Removal

- 1**
Rotate the steering so that the front wheels are to the full right position.

- 2**
Remove all cables from ground (negative) battery terminals to prevent personal injury from electrical shock.

- 3**
Raise the hood of the vehicle.

4



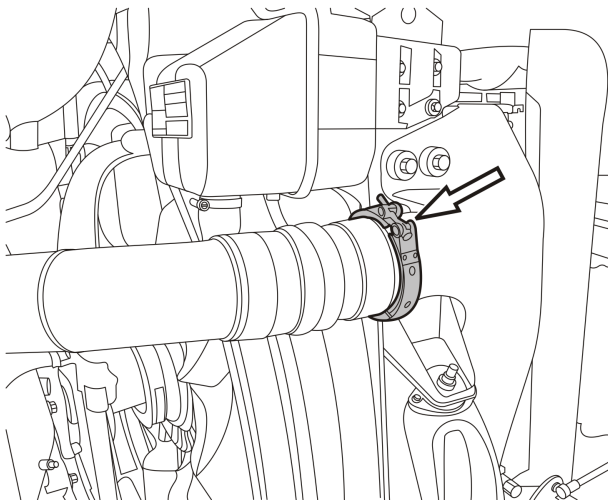
W2004191

Drain the coolant into a suitable container using the drain hose. If available, use the coolant extractor.

9996049, DBT2V700

5

Loosen the clamps and remove the charge air inlet pipe (turbocharger-to-charge air cooler).



W2006040

6

Remove the upper radiator hose from the radiator and the static fill and bypass hoses from the expansion tank.

7

Remove the fasteners that secure the fan blade to the fan clutch hub. Set the fan blade against the radiator inside the shroud.

8
Pry the belt tensioner away from the fan and water pump drive belt and remove the belt.

9
Remove the fan clutch air line from the fan clutch hub using the air line release tool and position the line out of the way.

J-44773

10
Remove the fasteners securing the fan clutch hub assembly to the engine block. Then remove the assembly from the engine compartment.

Installation

1
Position the fan clutch hub assembly to the engine block, install the fasteners and tighten to 37 ± 6 Nm (27 ± 4 ft-lb).

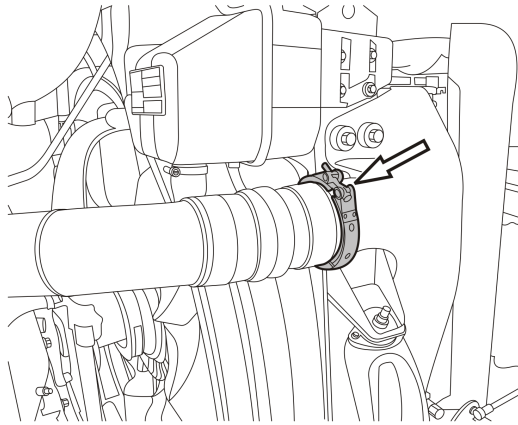
2
Connect the air line to the fitting on the fan clutch hub.

3
Compress the belt tensioner and install the fan and water pump drive belt.

Note: Make sure the belt is correctly routed and seated properly in the grooves of the pulleys.

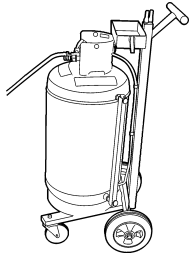
4
Set the fan blade against the fan clutch hub, install the fasteners and tighten to secure the fan blade.

5
Connect the upper radiator hose to the radiator and the static fill hose to the expansion tank. Position all the clamps and tighten to secure.



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- 6**
Install the charge air inlet pipe (turbocharger-to-charge air cooler) along with new clamps. Position the new clamps and tighten them to secure the pipe.



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- 7**
Fill the cooling system with the recommended coolant using the coolant extractor.

- 8**
Install all previously removed cables to the ground (negative) battery terminals.

- 9**
Start the engine, check for leaks and proper operation. After shutdown, replenish fluids as necessary.

- 10**
Close the hood when done.