

SAFETY RECALL RVXX0703
SEPTEMBER 2007

SAFETY RECALL BULLETIN

**ATTENTION: SERVICE MANAGERS
PARTS MANAGERS**

SUBJECT: Davco Fuel Pro 382 Fuel/Water Combination Heater/Thermo-switch Replacement

SAFETY RECALL INFORMATION:

There exists the possibility that an unprotected lead in the thermo-switch of the heater may make contact with another post possibly creating a short circuit, which can result in continuous operation of the heating element. If the condition exists and the key is left on without fuel in the filter, the heating element may overheat above the flash-point of diesel fuel, potentially causing the initial flow of fuel into an empty filter to auto ignite.

VEHICLES AFFECTED:

Certain VNL, VNM, VHD, and VT model vehicles manufactured from December 5, 2006 through March 7, 2007 with a Davco Model 382 Fuel Pro Heated Fuel Filter.

There are 771 vehicles (677 US; 94 Canada) affected by this recall.

NOTE: To verify or determine if a particular vehicle is affected by this recall (or any other recall), you should enter the Vehicle Identification Number into the VIN search field in eWarranty, and the screen will display any open recall.

If a "Dealer Listing" is enclosed it identifies the vehicles that were sold or shipped to your dealership. Be sure to check the eWarranty Vehicle Detail screen before performing the recall to verify that the recall is still open.

REPAIR:

The recall repair will consist of replacing the thermo-switch.

TIME ALLOWANCE:

0.3 hour per vehicle for replacing the thermo-switch.

Note: If the recall repair is the only repair being administered to the truck, then a take charge time allowance of 0.3 hrs can be claimed.

PART ORDERING PROCEDURES:

Parts for this recall should be ordered through Volvo Trucks North America Dealer Communication System. The following information is required to place an order:

1. Your dealer account number, and
2. Volvo part number - **85112544**

NOTE IMPORTANT CHANGE:

Parts should be ordered CLASS THREE (3)! On class three orders, Volvo Trucks North America pays for all shipping costs; therefore, Dealer Claims MUST NOT include shipping costs.

In the event where a dealer does not have the part in stock and has a vehicle that requires the recall, the dealer should order the part CLASS ONE (1) to ensure the quickest possible delivery. Since dealers are responsible for the shipping cost on class one orders, **the dealer should include the expense of shipping in the claim.**

The parts listed for use in this recall can be claimed at the dealer's warranty rates of record at the date and time the claim is submitted according to the guidelines identified under the heading "*Claims for Credit*".

DEALER PARTS INVENTORY:

Dealer parts inventory is not affected by this recall.

REMOVED PARTS:

Note: The removed thermo-switch is to be scrapped locally by the dealer.

CLAIMS FOR CREDIT:

Expenses associated with the performance of this recall will be reimbursed based on the guidelines identified in this bulletin, and section 2-41 of the Warranty Manual, Policies and Procedures and chapter 20 of the Parts Operations Manual.

CLAIM CODING INFORMATION:

Authorization Number: RVXX0703

Causal Part Number: 20560019

STANDARD REPAIR CODES AND TIME:

Repair: 23310-0-02 (0.3 hour)

Take charge time (if applicable): 17003-0-01 (0.3 hour)

IMPORTANT NOTE: Claims for a recall repair **MUST** be submitted within 2 working days from the repair date.

OWNER RECALL RESPONSE CARD:

The "Owner Recall Response Card" is to provide the vehicle owner with a convenient way to notify Volvo Trucks North America of changes affecting the ownership of the subject vehicle. The owner recall response card is not intended for dealer usage other than to assist you in the preparation of the repair orders necessary to perform the applicable recall on the subject vehicle. Please do not use the card as a way to inform Volvo Trucks North America that the vehicle has been inspected or modified. Your DCS claim on line is the appropriate means of informing Volvo Trucks North America that the vehicle has been inspected or modified.

DEALER RECALL RESPONSIBILITY:

Dealers are to perform the recall on all vehicles subject to the recall at no charge to the owner regardless of mileage, age of vehicle, or ownership from this time forward. Whenever a vehicle subject to this recall is taken into or is in your vehicle inventory or dealership for service, we strongly recommend you make every effort to perform the recall correction before the vehicle is sold or released to the owner.

IMPORTANT NOTICE:

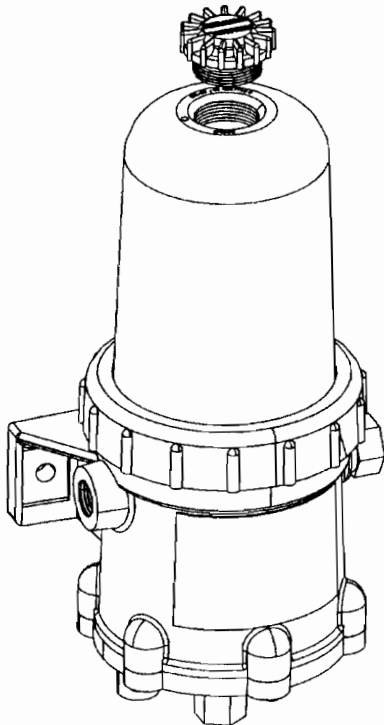
Please note that the National Traffic and Motor Vehicle Safety Act requires that the owner's vehicle(s) be corrected at no charge and within a reasonable time after parts are available to you. The law states that failure to repair a vehicle within sixty (60) days after tender for repair shall be a prima facie evidence of unreasonable time. However, circumstances of a particular situation may reduce the sixty-day period. If an owner's vehicle is not repaired within a reasonable time, he or she may be entitled, without charge, to a reasonable equivalent vehicle or refund of the purchase price, less reasonable allowance for depreciation.

DAVCO Thermo-switch, 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

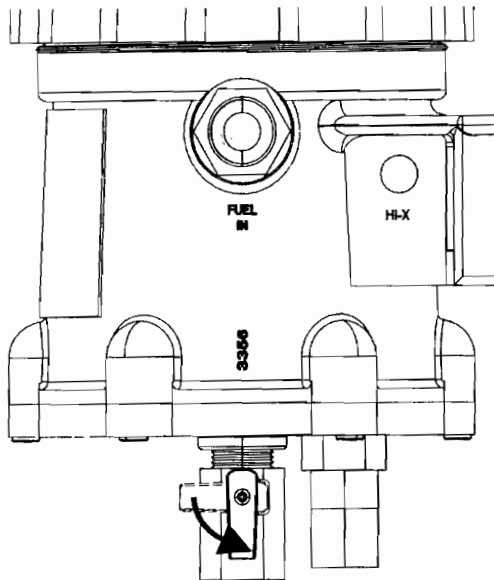
1. Park the vehicle on a level surface, block the wheels, and place the transmission in neutral.
- 2.



W2006330

Remove the vent cap from the fuel filter.

3.

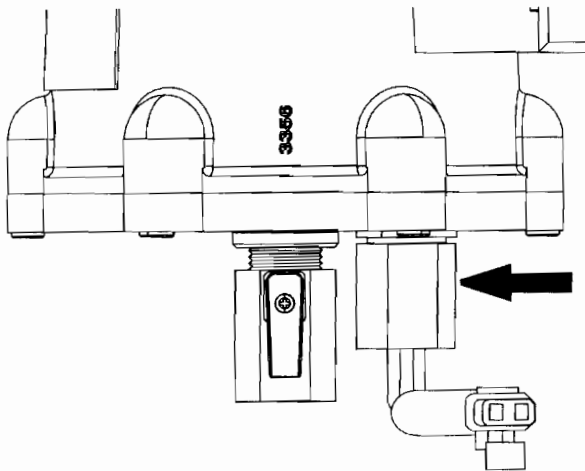


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Using a suitable container drain the fuel from the fuel filter. Dispose of the fuel in accordance with all Federal, State and local guidelines.

4. Disconnect the preheater harness.

5.

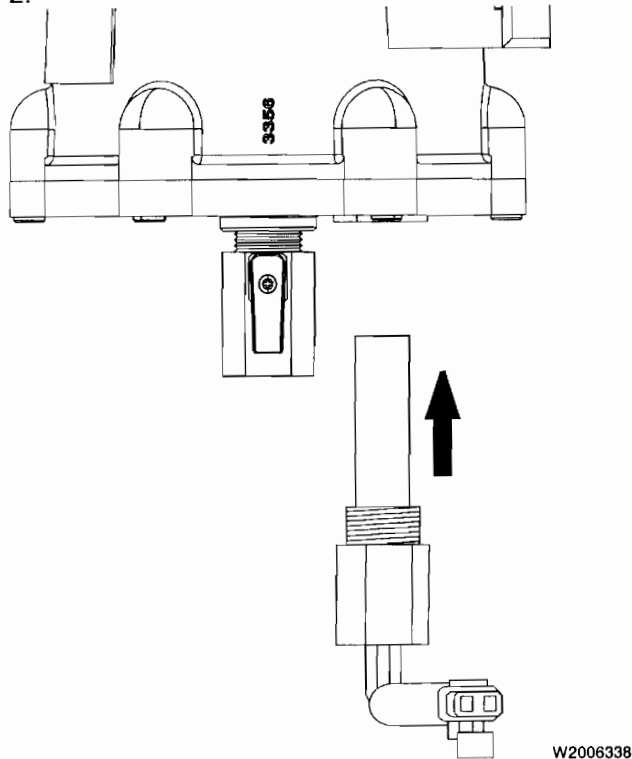


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Place a suitable container under the fuel filter and remove the combination preheater thermo-switch using a 25 mm (1") box end wrench or crowfoot wrench.

Installation

1. Apply thread sealant to the new combination preheater thermo-switch.
- 2.



Install the new combination preheater thermo-switch using a 25 mm (1") box end wrench or crowfoot wrench. Torque the switch to 20 Nm (15 ft-lb).

3. Connect the preheater thermo-switch harness.
4. Return the drain valve to the closed position and fill filter with clean fuel. Reinstall the vent cap, hand tighten only.