

# **VOLVO**

**Volvo Trucks North America, Inc.**

February 9, 2004

RECEIVED  
1045-215  
2004 FEB 11 P 3 46  
OFFICE OF  
DEFECTS INVESTIGATION

**VIA EXPRESS MAIL**

04V-077 ① of ④

Associate Administrator for Enforcement  
National Highway Traffic Safety Administration  
400 Seventh Street, S.W.  
Washington, DC 20590

The following information is submitted in accordance with the requirements of 49 CFR Part 573.5 as it applies to a defect relating to motor vehicle safety.

573.5(c)(1)  
Volvo Trucks North America, Inc.  
P.O. Box 26115  
Greensboro, NC 27402-6115

573.5(c)(2)  
Volvo VN, and VHD, model, heavy-duty class 8 vehicles assembled by Volvo Trucks North America, Inc. between November 14, 2002, and October 6, 2003.

The vehicles affected by this notification were selected by using the part number of the suspect engine pre-heater jumper wiring harness.

573.5(c)(3)  
Two thousand, one hundred and twelve (2,112) vehicles potentially contain the suspect defect.

573.5(c)(4)  
Percentage of vehicles expected to contain the suspect defect is unknown.

573.5(c)(5)  
An incorrectly assembled engine pre-heater jumper wiring harness may allow continuous electrical power to the engine pre-heater power relays if the fuse in the harness opens. This condition could cause the engine pre-heater to over heat resulting in damage to the pre-heater and other engine heat sensitive components near the pre-heater, and the ability to re-start the engine is compromised.

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573.5 (c)(6)

- 1-2-04 Technical Support received several reports alleging that the engine pre-heater would operate with the key switch on, and the engine not running (off).
- 1-8-04 Engineering review learned that the subject wiring harness was not assembled correctly and two wires were crossed at the connector. If a 5-amp fuse in the harness opened continuous power could be supplied to the engine pre-heater power relays and would cause the pre-heater to over heat.
- 2-4-04 As of this date no reports of accidents or injuries have been reported attributable to issue
- 2-3-04 Volvo Trucks North America, Inc. decided that the condition described in this notification constitutes a defect and that such defect is safety related.

573.5(c)(7)

Not applicable

573.5(c)(8)

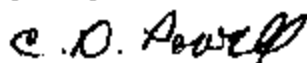
Volvo Trucks North America, Inc. will initiate a voluntary owner notification, and recall of all 2,112 vehicles built with the suspect engine pre-heater wiring harness.

The recall repair will consist of an inspection for and where required re-indexing of affected circuits in the pre heater jumper wiring harness connector.

The number, which has been assigned to this recall by Volvo Trucks North America, Inc., is RVXX0402.

The recall is tentatively scheduled to commence within 35 working days from the date of this notification.

Very Truly Yours



Charles D. Powell  
Recall Administrator

**DRAFT  
COPY**

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**SAFETY RECALL RVXK0402  
MARCH 2004**

Dear Volvo Truck Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

Volvo Trucks North America, Inc. has decided that a defect that relates to motor vehicle safety exists in certain VN, and VHD, model vehicles built between November 14, 2002, and October 6, 2003.

**SAFETY DEFECT:** If a fuse in the engine pre-heater jumper wiring harness opens, continuous electrical power to the pre-heater may cause it to overheat.

**POTENTIAL RISK:** This overheating condition could result in damage to the pre-heater and other engine heat sensitive components near the pre-heater, and the ability to re-start the engine could be compromised, creating the potential for a vehicle crash.

**PRECAUTION YOU CAN TAKE:** There are no precautions you can take other than having your vehicle inspected and repaired where required.

**REPAIR:** At no charge to you regardless of your vehicle's age or mileage, a Volvo truck dealer will inspect and where required, re-index the affected circuits in the jumper wiring harness connector.

**TIME REQUIRED FOR THE REPAIR:** The labor time required to repair your vehicle is about 45 minutes.

**WHAT YOU SHOULD DO:** Volvo Trucks North America, Inc. urges you to immediately contact a Volvo truck dealer for a service appointment to have your vehicle repaired. Parts are currently available for shipment to the dealer scheduling your service appointment. To locate the closest Volvo truck dealer you can go on line to [www.volvotrucks.us.com](http://www.volvotrucks.us.com) and select Dealer Locator.

**PRE-NOTIFICATION** If you have previously paid for repairs to have the engine pre-heater wiring harness circuits re-index in the connector or progressive damage due this failure you may be entitled to recovery of those expenses. Submit a copy of all documentation supporting your claim to Volvo Trucks at the address identified in this notice in the section "Assistance".

**NOTICE REGARDING  
LEASED VEHICLES:**

If you are a Lessor of vehicles subject to this Notice, you have an obligation under Federal Law to provide a copy of this Notice to all Lessees within 10 days of your receipt of this Notice. Further, you must maintain a record, which identifies the Lessee(s) to whom you send a copy of this letter, the date you send this letter, and the Vehicle Identification Number(s) of the vehicle(s) that you have leased to that Lessee. For purposes of this Notice, the term Lessor means: a person or entity that is the owner, as reflected on the vehicle's title, of any five or more leased vehicles (as defined in 49 CFR Section 577.4), as of the date of notification by the manufacturer of the existence of a safety-related defect or non-compliance with a Federal Motor Vehicle Safety Standard in one or more of the leased motor vehicles.

**OWNER RECALL  
RESPONSE CARD:**

The enclosed "Owner Recall Response Card" identifies your vehicle. Presentation of this card to any authorized full-service Volvo truck dealer will assist in the processing of your vehicle in the shortest time possible. If you do not own, have sold or have traded the vehicle identified, please let us know by completing and signing the postage-paid Card and returning it to Volvo Trucks North America, Inc. so we can update our records.

**ASSISTANCE:**

If your vehicle has not been modified within a reasonable time after delivering it to the dealer on the agreed-upon date, please contact:

Volvo Trucks North America, Inc.  
Recall Department  
P.O. Box 26115  
Greensboro, NC 27402-6115

or call our toll-free number: 1-800-528-6586. You may also submit a complaint to the Administrator, National Highway Safety Administration, 400 Seventh Street, S.W., Washington DC 20590 or call the toll-free Auto Safety Hot Line at 1-888-327-4236.

We regret any inconvenience this recall may cause, but hope you will share in our concern for your safety and satisfaction with your vehicle.

Sincerely,  
Volvo Trucks North America, Inc.