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DEFECTS INVESTIGATION  
RECALL MGMT DIV.



## Volvo Trucks North America

December 7, 2007

**Subject: New Safety Recall  
RVXX0707, Circuit Breaker**

**07V-573  
(3 pages)**

**Attention:**

Associate Administrator for Enforcement  
National Highway Traffic Safety Administration  
1200 New Jersey Avenue, S.E.  
Washington, DC 20590

**Submitted via Email to Patricia Wallace.**

The following information is submitted in accordance with the requirements of 49 CFR Part 573.6 as it applies to a defect relating to motor vehicle safety.

**573.6(c)(1)**

Volvo Trucks North America ("Volvo")  
P.O. Box 26115  
Greensboro, NC 27409

**573.6(c)(2)**

Certain Volvo model vehicles manufactured from November 2002 through October 2007.

The selection of vehicles was based on part numbers.

Models Affected: VHD, VNL, VNM, and VT

Model Year: 2003-2008 for VHD, VNL, and VNM; 2005 - 2008 for VT.

**573.6(c)(3)**

There are approximately one hundred twenty-five thousand (125,000) vehicles affected by the recall of which there are one hundred four thousand eight hundred forty-five (104,845) that were sold in the United States.

**573.6(c)(4)**

The percentage of the 125,000 vehicles expected to contain the defect is unknown.



### **573.6(c)(5)**

The circuit protection (i.e. automatic circuit breakers) used to protect the vehicle lighting system may not provide adequate protection. If a short circuit occurs and is left untreated, components and wiring may be subject to overheating which could potentially result in a vehicle fire.

### **573.6 (c)(6)**

Chronology of principle events that were the basis for the determination:

- |          |   |
|----------|---|
| 6/5/07   | Engineering investigation opened after receiving reports of failures from fleet customers.                                  |
| 10/02/07 | Engineering analysis complete. Information submitted to regulatory affairs for further review and analysis.                 |
| 11/15/07 | Corrective action implemented at manufacturing facility.  |
| 12/3/07  | Volvo decides that the condition described in this notification constitutes a defect and that such defect is safety related |
| 12/7/07  | NHTSA notified that Volvo will initiate a voluntary safety recall   |

There are nine warranty claims, and eight field reports associated with this defect.

### **573.6(c)(7)**

Not applicable

### **573.6(c)(8)**

Volvo will initiate a voluntary owner notification, and recall all 125,000 vehicles.

The recall repair will consist of replacing the circuit breakers with fuses.

Reimbursement for cost incurred by the owner for “prenotification remedies” will be addressed on a case-by-case basis according to the “General Plan for Reimbursement of Pre-notification Remedies” which was published December 8<sup>th</sup>, 2004.

The number, which has been assigned to this recall by Volvo, is **RVXX0707**.

A Safety Recall Alert will be released to dealers on or before December 12, 2007, which informs the dealers of the recall. Owner letters are tentatively scheduled to be mailed on or before February 25, 2008.



An advance copy of the owner letter will be submitted to NHTSA for review and approval prior to release to the owners.

If there are any questions regarding this information, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Tim L. LaFon", with a long horizontal line extending to the right.

Tim L. LaFon  
Manager, Regulatory Affairs  
Volvo Trucks North America  
P.O. Box 26115  
Greensboro, NC 27409  
[timothy.lafon@volvo.com](mailto:timothy.lafon@volvo.com)  
(336) 393-2233