



October 26, 2005

05V-498
(3 pages)

**Subject: New Safety Recall
RVXX0506, Front Wheel Wobble**

Attention:

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

Submitted via Email to Patricia Wallace.

DEFECT INVESTIGATION
100511011-2 A 8:03
RECEIVED
10-27-05

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, Inc.
P.O. Box 26115
Greensboro, NC 27402-6115

573.6(c)(2)

Certain Volvo VN model vehicles manufactured with a front (steer) axle air suspension from March 2002 through October 2005.

The selection of vehicles was based on part numbers unique to this issue.

Model Year

VNL – 2003, 2004, 2005, and 2006
VNM - 2003, 2004, 2005, and 2006

573.6(c)(3)

One thousand four hundred sixty five (1465) vehicles are affected by the recall. Of the 1465, **1376 are domiciled in the United States of America.**

573.6(c)(4)

The percentage of the 1465 vehicles expected to contain the defect is unknown.

573.6(c)(5)

There exists the potential that the vehicles in the suspect population may develop a front wheel wobble when the tires become worn. If the wobble persists and is left untreated, damage may occur which could impair vehicle control.

573.6 (c)(6)

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

- | | |
|----------|---|
| 5/26/05 | Received Customer Complaint alleging shake/wobble in front end. |
| 6/6/05 | Engineering investigation opened. |
| 6/10/05 | Regulatory Affairs group contacted regarding potential safety related defect. |
| 8/25/05 | Engineering investigation completed. Conditions and solution identified. |
| 10/14/05 | Regulatory Affairs group published conclusions of defect investigation. Recommendation is to administer a voluntary safety recall. |
| 10/20/05 | Volvo Trucks North America decided that the condition described in this notification constitutes a defect and that such defect is safety related. |
| 10/26/05 | NHTSA notified that Volvo Trucks North America would initiate a voluntary safety recall. |

Note, Warranty Claim, Customer Complaint information: There are six customer complaints related to this recall with receipt dates ranging from March 18, 2005 through September 26, 2005. There are no warranty claims and there have been no reported accidents as a result of this defect.

573.6(c)(7)

Not applicable

573.6(c)(8)

Volvo Trucks North America, Inc. will initiate a voluntary owner notification, and recall all 1,465 vehicles.

The recall repair, replacing front vertical shocks on each side of the front suspension and adding a horizontal stabilizer, **will be done on vehicles that exhibit the condition.**

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 8th, 2004.

The number, which has been assigned to this recall by Volvo Trucks North America, Inc., is **RVXX0506.**

A safety alert that will be distributed on or before November 2, 2005 will inform the dealers. The owner letters will be mailed on or before January 3, 2006.

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 cursive script, appearing to read "Timothy L. LaFon", followed by a long horizontal line extending to the right.

Timothy L. LaFon
Regulatory Compliance Administrator
Volvo Trucks North America, Inc.
P.O. Box 26115
Greensboro, NC 27402
timothy.lafon@volvo.com
(336) 393-2233