



September 22, 2005

**Subject: New Safety Recall (SC0305, Brake Cam Lube)**

**Attention:**

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

**Submitted via Email to Patricia Wallace.**

05V-439  
(3 pages)

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)**

Mack Trucks, Inc.  
P. O. Box M  
Allentown, PA 18105-5000

**573.6(c)(2)**

Certain Mack CHN and CXN model vehicles that were manufactured from February 2004 through June 2005.

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

Model Year

CHN – 2004, 2005, 2006  
CXN – 2004, 2005, 2006

**573.6(c)(3)**

Two thousand six hundred seventy nine (2,679) vehicles are affected by the recall.

**Note: Two thousand two hundred eighty eight (2,288) are domiciled in the US.**

**573.6(c)(4)**

The percentage of the 2,679 vehicles expected to contain the defect is unknown.

**573.6(c)(5)**

There exists the potential that the brake cam tubes on the drive axle(s) may not have been greased. As a result of this, the brake cam journal may corrode which may lead to the brakes dragging which could result in a vehicle fire.



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

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

- |         |                                                                                                                                    |
|---------|------------------------------------------------------------------------------------------------------------------------------------|
| 5/24/05 | First report of S-Cam seizing. Dealer reported corrosion on the cam because of lack of grease in cam tube.                         |
| 6/10/05 | Second report. Two additional vehicles with same symptoms.                                                                         |
| 6/14/05 | Confirmation at factory that cam tubes do not have grease. Stop delivery issued.                                                   |
| 6/16/05 | Corrective action implemented. Vehicles at the factory addressed.                                                                  |
| 6/24/05 | Service Alert issued instructing dealers to inspect and grease CHN and CXN model vehicles in their inventory.                      |
| 6/29/05 | Regulatory Affairs group contacted. Investigation opened.                                                                          |
| 9/16/05 | Mack Trucks decided that the condition described in this notification constitutes a defect and that such defect is safety related. |
| 9/23/05 | NHTSA notified that Mack Trucks would initiate a voluntary safety recall.                                                          |

Note: Warranty Claim information. There are twenty-three warranty cases related to this recall with receipt dates ranging from March 16, 2005 through June 27, 2005.

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

Not applicable

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

Mack Trucks, Inc. will initiate a voluntary owner notification, and recall all 2,679 vehicles.

The repair will consist of removing the brake camshaft to inspect for corrosion. The brake camshaft will be replaced as required.

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 Mack Trucks, Inc., is **SC0305**.



A Safety Recall Alert will be released to dealers on or before September 30<sup>th</sup> 2005, which informs the dealer of the recall. Owner letters are tentatively scheduled to be mailed on December 15, 2005.

Advance copies of the owner letters 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,

Timothy L. LaFon  
Regulatory Compliance Administrator  
Mack Trucks, Inc.  
7900 National Service Rd.  
P.O. Box 26115  
Greensboro, NC 27409  
[timothy.lafon@volvo.com](mailto:timothy.lafon@volvo.com)  
(336) 393-2233