



January 30, 2008

Subject: New Safety Recall (**SC0334**, Parker Single Check Valve)  
**NHTSA recall number 07V-361**

**Supersedes "573 report" dated August 13, 2007 for SC0327. Mack issued a new recall number, SC0334, for this recall. Additions and corrections are identified in bold and deletions are "struck through."**

**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)**

Mack Trucks, Inc.  
2100 Mack Blvd  
Allentown, PA 18103

**573.6(c)(2)**

Certain Mack model vehicles manufactured from Jan. 2, 2004 through July 26, 2007.

The selection of vehicles was based on the delivery dates provided by the supplier.

Affected Models and Model Years:

CHN: 2005, 2006, & 2007  
CV: 2004, 2005, 2006, 2007, & 2008  
CXN: 2005, 2006, 2007, & 2008  
**CTP: 2006**  
**CXP: 2006**  
CHU, CXU, GU, **MRU**, and **LEU**: 2008

**Models/ Model Years removed:**

~~RD: 2004~~  
~~CH, CX, MR, RB: 2004 & 2005~~  
~~CL: 2004, 2005, 2006, & 2007~~  
~~CT: 2005, 2006, 2007, & 2008~~  
~~CTP: 2007 & 2008~~  
~~CXP: 2007~~  
~~DM: 2004, 2005, & 2006~~  
~~MR: 2004, 2005, & 2007~~

**Component Manufacturer:** Bendix Commercial Vehicle Systems LLC  
901 Cleveland Street  
Elyria, Ohio 44035



### **573.6(c)(3)**

There are approximately **twenty five thousand eight hundred eighteen (25,818)** vehicles affected by the recall of which there are **twenty one thousand eight hundred forty-seven (21,847)** vehicles that were sold in the United States.

### **573.6(c)(4)**

The percentage of the **25,818** vehicles expected to contain the defect is unknown.

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

Bendix has determined that a defect exists in the Parker single check valve that connects with the supply port of the SR-7 spring brake modulating valve. After prolonged use of the Parker single check valve, the valve body retainer may become excessively worn and eventually break apart. Pieces of the Parker single check valve can become lodged inside the SR-7 spring brake modulating valve, potentially causing either leakage out of the SR-7 valve or preventing air from properly exhausting from the SR-7 valve. This condition can cause a delay in the application of the spring brakes (i.e. park brakes) when the driver applies the park brakes, or the spring brakes may not fully release, or loss of isolation between the primary and secondary circuits.

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

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

- 6/7/07 Bendix notifies NHTSA of defect
- 6/8/07 Bendix notifies Mack Trucks of defect. Safety Defect Investigation opened by Mack Trucks to define scope, identify owners, and verify repair methods.
- 8/6/07 Investigation complete.
- 8/13/07 NHTSA notified that Mack Trucks would initiate a voluntary safety recall.
- 8/16/07 **Dealers notified of recall.**
- 12/21/07 **Dealers notified of new Mack Recall number SC0334 that supersedes SC0327.**
- 1/2/08 **SC0334 repair instruction provided to dealers.**
- 1/9/08 **SC0334 owner notification letters sent to owners of affected vehicles.**
- 1/30/08 **NHTSA notified of revised vehicle counts, owner notification date, and new Mack recall number.**

There are no warranty claims, customer complaints, or field reports associated with this defect.



**573.6(c)(7)**

Not applicable

**573.6(c)(8)**

Mack Trucks, Inc. **has** initiated a voluntary owner notification, for all **25,818** vehicles.

The recall repair will consist of replacing the parker single check valve.

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.

**573.6(c)(11)**

The number, which has been assigned to this recall by Mack Trucks, is **SC0334**.

A Safety Recall Alert **was** released to dealers on ~~or before~~ August 16, 2007, which informed the dealers of the recall. Owner letters **were** mailed on **January 9, 2008**.

An advance copy of the owner's letter **was** 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  
Manager, Regulatory Affairs  
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