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DEFECTS INVESTIGATION  
RECALL MGMT DIV.



August 13, 2007

**Subject: New Safety Recall (SC0327, Parker Single Check Valve)  
Reference Bendix recall number 07E-038**

**Attention:**

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

07V-361  
(3 pages)

**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:**

RD: 2004  
CH, CX, MR, RB: 2004 & 2005  
CHN: 2005, 2006, & 2007  
CL: 2004, 2005, 2006, & 2007  
CV: 2004, 2005, 2006, 2007, & 2008  
CT, CXN: 2005, 2006, 2007, & 2008  
CTP: 2006, 2007, & 2008  
CXP: 2007  
DM: 2004, 2005, & 2006  
CHU, CXU, & GU: 2008  
MR: 2004, 2005, & 2007

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



**573.6(c)(3)**

There are approximately fifty-three thousand six hundred sixteen (53,616) vehicles affected by the recall of which there are forty-four thousand ninety-three (44,093) vehicles that were sold in the United States.

**573.6(c)(4)**

The percentage of the 53,616 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.

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. will initiate a voluntary owner notification, and recall all 53,616 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.

The number, which has been assigned to this recall by Mack Trucks, is **SC0327**.

A Safety Recall Alert will be released to dealers on or before August 16, 2007, which informs the dealers of the recall. Owner letters are tentatively scheduled to be mailed on or before October 1, 2007.

An advance copy of the owner’s 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,

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