



January 30, 2008

Subject: New Safety Recall (SC0335, SR-7TM Spring Brake Modulating Valve and Parker Single Check Valve); NHTSA recall number 07V-360

Supersedes 573 report dated August 13, 2007 for SC0328. Mack issued a new recall number, SC0335, 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. (“Mack Trucks”)
2100 Mack Blvd
Allentown, PA 18103

573.6(c)(2)

Certain Mack model vehicles manufactured from Nov. 4, 2005 through May 1, 2007.

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

Affected Models and Model Years:

CHN: 2006, & 2007
CTP, CV, & CXN: 2006, 2007, & 2008
CXP: 2007
CHU, CXU, & GU: 2008
MR: 2007

Models/ Model Years removed:

~~CL: 2006, & 2007~~
~~CT: 2006, 2007, & 2008~~

Component Manufacturer:

Bendix Commercial Vehicle Systems LLC (“Bendix”)
901 Cleveland Street
Elyria, Ohio 44035



573.6(c)(3)

There are approximately **twenty two thousand fifty-eight (22,058)** vehicles affected by the recall of which there are **eighteen thousand eight hundred five (18,805)** vehicles that were sold in the United States.

573.6(c)(4)

The percentage of the **22,058** vehicles expected to contain the defect is 5%.

573.6(c)(5)

Bendix has determined that a manufacturing defect exists in the internal rubber check valves inside the SR-7 spring brake modulating valve. The internal check valve rubber can become deformed over time and potentially result in the check valve not properly seating. The resulting leakage can cause a delay in the application of the spring brakes (i.e. park brakes) when the driver applies the park brakes.

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 there may be a 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 SC0335 that supersedes SC0328.**
- 1/3/08 **SC0335 repair instruction provided to dealers.**



1/10/08 SC0335 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 or field reports associated with this defect. There are five customer complaints associated with this condition.

573.6(c)(7)

Not applicable

573.6(c)(8)

Mack Trucks, Inc. will initiate a voluntary owner notification, and recall all **22,058** vehicles.

The recall repair will consist of repairing the SR-7 valve by applying a check valve repair kit **and 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 8th, 2004.

573.6(c)(11)

The number, which has been assigned to this recall by Mack Trucks, is **SC0335**.

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 10, 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
(336) 393-2233