

**Mack Trucks, Inc.**

February 1, 2012

**Subject: Bendix® ATR-6® Traction Relay Valve  
NHTSA #: 12E-001****Attention:**Associate Administrator for Enforcement  
National Highway Traffic Safety Administration  
1200 New Jersey Avenue, S.E.  
Washington, DC 20590**Submitted via Email to Delia Lopez**

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")  
7900 National Service Rd.  
Greensboro, NC 27409**573.6(c)(2)**

Vehicles produced with a Bendix® ATR-6® traction relay valve manufactured from December 2, 2010 through January 18, 2012

The selection of vehicles was based on the suspect valve part numbers.

Vehicle Models and Model Years include: 2012-2013 GU

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



**573.6(c)(3)**

There are two (2) vehicles affected by the recall that reside in the United States.

**573.6(c)(4)**

The percentage of the vehicles containing the defect is unknown.

**573.6(c)(5)**

“Bendix has determined that a design modification, which eliminated four small internal ribs in the cover assembly and a material change made to a rubber ball seal in the solenoid have led to a potential defect. In extremely cold conditions (at or below 0 degrees Fahrenheit / -18 degrees Celsius), internal leakage can potentially develop, resulting in pressure being delivered to the affected service brake circuit. If the solenoid armature lifts off, air pressure is delivered to the primary or secondary brake circuits, causing intermittent or – in isolated cases – continuous brake application. During the brake application, ABS will still be operational and service brakes are still available.”

The potential consequence is that the brakes may inadvertently apply which may result in a vehicle fire, or if wheel lock-up occurs may contribute to a vehicle crash.

**573.6 (c)(6)**

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

- 1/26/12 Bendix issues a safety defect report to NHTSA
- 2/1/12 Mack informs NHTSA that a voluntary safety recall will be initiated to address all vehicles within the suspect population

Mack Trucks has received no field reports or customer complaints.

**573.6(c)(7)**

Not applicable

**573.6(c)(8)**

Mack Trucks will initiate a voluntary owner notification, and recall all affected vehicles. The valve’s top cover will be replaced.

The number, which has been assigned to this recall by Mack Trucks, is **SC0363**.



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 November 22, 2011.

A Safety Recall Alert was released to dealers on January 26, 2012, which informed the dealers of the Bendix recall. Owner letters will be mailed on or before February 15, 2012 to inform owners of the Bendix recall. An advance copy of the owner letter will be submitted to NHTSA for review and approval prior to release to the owners.

Bendix and Mack Trucks are working together to acquire materials to support repair on all vehicles that may contain the suspect valve. Mack Trucks will prioritize the repairs and address the vehicles that were sold/are registered in the colder regions first as parts become available.

If there are any questions regarding this information, please feel free to contact me.

Sincerely,

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