

**Mack Trucks, Inc.**

December 19, 2013

**Subject: Safety Recall (SC0374, Automatic Over-speed Protection System)****Attention:**

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

**Submitted via Email**

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)**

Certain 2014 CXU model vehicles manufactured with an Automatic Over-speed Protection System from June 21, 2013 through October 4, 2013.

The selection of vehicles was based on vehicles manufactured with the system during the time frames list below.

**573.6(c)(3)**

The total number of vehicles affected by the recall that were sold to customers in the United States is thirty five (35).

**573.6(c)(4)**

The percentage of the vehicles containing the defect is one hundred percent.

**573.6(c)(5)**

The Automatic Shut-down Protection System is a feature offered for trucks that operate in off road areas where other gases, such as Methane, may be pulled in through the air intake and potentially result in an over-speed condition.

The automatic electric over-speed protection shutdown system is designed to continuously monitor diesel engine RPM and shutdown the engine in the event of an over-speed condition. There is also manual switch that is provided with the system for the driver to use in advance of intervention of the automatic system.



After a thorough investigation, Mack Trucks has determined that the system was incorrectly wired, which results in the system not operating as designed. This presents a potential risk as the operator may not be able to control an unintended increase in the engine's rpms if airborne hydrocarbons (combustible vapors) enter through the air intake, which may potentially cause a catastrophic engine failure and/or engine fire.

Mack Trucks has received no reports of accidents as a result of this condition. Therefore, Mack Trucks considers this as a proactive measure to protect the public and Mack Truck's customers from risk of personal injury.

**573.6 (c)(6)**

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

- 10/4/13 Potential issue identified. Investigation initiated
- 10/18/13 Manufacturing Quality group reports that they found a vehicle during product audit where the manual override switch did not shut down the engine
- 12/11/13 Investigation results presented to Regulatory Affairs group
- 12/12/13 Mack Trucks Product Safety Committee meets and determines that a safety-related defect exists.
- 12/19/13 Mack Trucks notifies NHTSA of the safety-related defect and that a voluntary safety recall will be released to address the issue

**573.6(c)(7)**

Not applicable

**573.6(c)(8)**

Mack Trucks will initiate a voluntary owner notification, and recall all affected vehicles.

The recall repair will involve rewiring the system.

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 October 28, 2013.



The number, which has been assigned to this recall by Mack Trucks, is SC0374.

A Safety Recall Alert will be released on January 7, 2014 informing dealers of the recall. Owner letters are to be mailed within 60 days of this notice. An advance copy of the owner letter will be provided for NHTSA's review and approval prior to release.

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

Sincerely,

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