

**Mack Trucks, Inc.**

May 7, 2012

Subject: New Safety Recall (SC0360, Alternator Ground to Starter) Revised Count**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)

Mack LEU and MRU model vehicles manufactured from May 14, 2009 to October 31, 2011

The selection of vehicles was based on build records of the vehicles built with the compressed natural gas application.

Affected Models and Model Years:

2010-2012: LEU
2011-2012: MRU

573.6(c)(3)

There are approximately ~~two hundred and forty vehicles~~ **three hundred and eighteen** in total affected by the recall that were sold in the United States.

573.6(c)(4)

The percentage of the vehicles expected to contain the defect is one hundred percent.



573.6(c)(5)

On the vehicles affected, the alternator ground cable runs directly to the starter, which defeats the circuit protection. As a result, an electrical short could potentially result in a vehicle fire.

573.6 (c)(6)

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

- | | |
|----------|---|
| 11/9/11 | While updating schematics for MRU and LEU trucks, the Lead Engineer noticed that the ground from the alternator was connected to the starter negative |
| 11/14/11 | Preliminary analysis suggested that this configuration bypassed the fusible link thus defeating the circuit protection. Investigation opened |
| 1/27/12 | Meeting held to review investigation findings, proposed scope, and repair methods |
| 2/6/12 | Information submitted to Product Safety Committee for recommendation |
| 2/22/12 | Mack Trucks determines that a safety related defect exists in certain vehicles |
| 3/8/12 | Mack Trucks notifies NHTSA of the defect and that a voluntary safety recall will be performed to address the issue |

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

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 consist of removing the alternator ground cable from the starter and installing it on the engine ground stud.

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 3, 2011.

The number, which has been assigned to this recall by Mack Trucks, is **SC0360**.



A Safety Recall Alert will be released to dealers on or before March 12, 2012, which informs the dealers of the recall. Owner letters are scheduled to be mailed on or before March 30, 2012.

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,

Tim L. LaFon
Director, Regulatory Affairs
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