

RECEIVED

By Recall Management division at 9:45 am, Dec 16, 2013

DAIMLER

Daimler Trucks North America
Nasser Zamani
Senior Manager
Compliance and Regulatory Affairs

December 13, 2013

Nancy Lewis
Associate Administrator for Enforcement
National Highway Traffic Safety Administration
Attention: Recall Management Division (NVS-215)
1200 New Jersey Avenue S.E.
Washington D.C. 20590

Re: Defect Information Report FL-657, Eaton Hybrid Transmission Software

Ms. Lewis,

In accordance with Part 573 of Title 49 of the Code of Federal Regulations, Daimler Trucks North America LLC herewith reports a safety campaign to recall approximately 255 Freightliner Business Class M2 and Freightliner Custom Chassis Corporation MT 45/55 chassis vehicles manufactured August 27, 2008 through December 10, 2013, and equipped with Eaton Hybrid Transmission software with a defect in shift logic.

Attached is Daimler Trucks North America's Defect Information Report.

Please contact me if you have any questions.

Sincerely yours,



Nasser Zamani

Cc: Amy Martin, Chief Counsel, CAL-OSHA
Enclosure
Certified Mail#

A Daimler Company

Daimler Trucks North America LLC
4747 N. Channel Avenue
Portland OR 97217-7699
503-745-6910 Phone
503-745-5544 Fax
Nasser.Zamani@Daimler.com

DAIMLER

Defect Information Report

(Section 573.6)

December 13, 2013

(c)(1) Manufacturer: Daimler Trucks North America LLC
P.O. BOX 3849
Portland, Oregon 97208

Brands: Freightliner, Freightliner Custom Chassis Corporation

(c)(2) Vehicles identification:

Model(s) affected: Freightliner Business Class M2, FCCC MT 45 and MT 55 chassis

Model Years affected: 2009, 2010, 2011, 2012, 2013, 2014

Manufacture Dates: August 27, 2008 through December 10, 2013

Basis for determining population: Eaton supplied a list of VINs that have the suspect software versions installed

Component manufacturer if other than the vehicle manufacturer:

Eaton Corporation
1000 Eaton Blvd.
Cleveland, OH 44122

(c)(3) Total number of vehicles potentially affected: Estimated at 255 United States, 5 Canada

(c)(4) Percentage of vehicles estimated to contain the defect: Eaton reports 100%

(c)(5) Description of the defect: Eaton has notified DTNA that it has recalled certain hybrid transmission software versions. Eaton reports that *"The defect is caused by the shift logic of Hybrid Control Module software versions 5500682 and 5500683. During a downshift, the logic will synchronize engine speed with the speed of the next lower gear, even where the current gear is engaged. This can result in unintended acceleration during a downshift."* Reference Eaton Hybrid Transmission software recall reported to NHTSA on December 11, 2013.

49CFR Section 577.5(f) Evaluation of the risk to motor vehicle safety: Eaton reported that *"This defect can cause a vehicle crash without prior warning."*

(c)(6) Chronology of principal events: On December 6, 2013 Eaton notified DTNA of a safety issue related to certain hybrid transmission software installed on some DTNA vehicles. DTNA worked with Eaton to understand the scope of the issue and identify which vehicles were affected. On December 13, 2013 DTNA decided to conduct a voluntary safety recall of certain Freightliner and Freightliner Custom Chassis Corporation vehicles. DTNA has decided to include all DTNA vehicles with the suspect Eaton software installed in this recall regardless of whether the software was installed as an OEM installation or if it was installed by Eaton as a field service modification.

(c)(7) Noncompliance-test or other data:

(c)(8) (i) Remedial program: The hybrid transmission software will be updated with a new version. Repairs will be performed by Eaton authorized service facilities.

Reimbursement Plan: Copies will be submitted as a supplemental report when available.

(ii) Estimated Owner and Dealer Notification Date: Customer notification will be by first class mail using Daimler Trucks North America records to determine the customers affected. This will be completed no later than February 12, 2014.

Dealer and distributor notification will be completed no later than February 12, 2014.

(c)(9) Information for tire recalls: Not Applicable

DAIMLER

(c)(10) Communications sent to manufacturers, dealers and owners: Copies will be submitted as a supplemental report when available.

(c)(11) Manufacturer's campaign number: FL-657