

DAIMLER

Amended Defect Information Report

(Section 573.6)

FL-671

Date of Submission: **October 27, 2014**

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

Type of Report: Safety Defect Non-Compliance

Vehicle Information

Model Yr. Start: 2011 Model Yr. End: 2015
Make: *Freightliner*
Model: *Cascadia, M2*
Production Dates: Begin: 06/02/2011
End: 10/23/2014

Descriptive Information:

Certain Cascadia 113 BBC and M2 vehicles with a CNG cabinet tank

Number potentially involved: 62 Estimated percentage of involve with defect: 100%

Defect / Noncompliance Description

Describe the defect or noncompliance:

Certain CNG powered Cascadia and M2 vehicles were built with the tailpipe terminating under the CNG cabinet tank.

If a noncompliance, provide the applicable FMVSS:

Fuel System Integrity – CNG

Describe the safety risk:

Over time continual heating of fuel system components by the exhaust discharge may increase risk of fire.

If applicable, identify the manufacture of the defective or noncompliant component.

N/A

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Chronology of Defect / Noncompliance Determination

Provide the chronology of events leading up to the defect decision or test data for the noncompliance decision.:

August 2014- DTNA product validation engineers questioned applicability of FMCSR 49 CFR Part 393.83(b) to a vehicle with tailpipe terminating below the fuel tank.

September 2014- DTNA began an investigation to determine if any other vehicles were built with the same configuration and whether at approximately two feet below the fuel tank cabinet, the termination location of the tailpipe falls under "immediately below the fuel tank" as prescribed in the regulation.

October 2014- out of an abundance of caution, DTNA decided to conduct a voluntary recall on certain Cascadia 113 vehicles equipped with CNG tank.

October 24, 2014- DTNA filled defect information report with NHTSA.

November 2014- engineering determined that an additional 34 business class M2 vehicles were also affected by the same issue.

November 26, 2014- DTNA resubmitted the updated DIR to NHTSA.

Identify the Remedy

Describe the defect/noncompliance remedy program, including the manufacture's plan for reimbursement.

The affected vehicles will have the tailpipe extended beyond the end of cabinet. Repairs will be performed by Daimler Trucks North America authorized service facilities. Copies of the reimbursement plan will be submitted as a supplemental report when available.

Identify the Recall Schedule

Describe the recall schedule for notifications.:

Customer notification will be made by first class mail using Daimler Trucks North America records to determine the customers affected.

Planned Dealer Notification Begin Date: 12/23/2014

Planned Dealer Notification End Date: 12/23/2014

Planned Owner Notification Begin Date: 12/23/2014

Planned Owner Notification End Date: 12/23/2014

Manufacture's identification code for this recall (if applicable): FL-671

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Manufactures Comments to NHTSA Staff

Please see attached.

DTNA Representative;

A handwritten signature in black ink that reads "Nasser Zamani". The signature is written in a cursive style with a large, stylized initial 'N'.

Nasser Zamani
Senior Manager
Compliance and Regulatory Affairs

