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13V-099
(3 pages) Amended

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

May 6, 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: AMENDED Defect Information Report - 13V-099
FL-641, Cascadia DRL Operation**

Ms. Lewis,

In accordance with Part 573 of Title 49 of the Code of Federal Regulations, Daimler Trucks North America LLC herewith amended its Defect Information Report for safety campaign 13V-099 (FL-641). DTNA has completed its review of field data and identified approximately 9,000 vehicles that have been modified after delivery and potentially contain a defect in the SAMCAB software which prevents the Daytime Running Lights (DRLs) from automatically reactivating after the completion of the Turn-Tip function. These vehicles are in addition to the 43,000 vehicles originally identified. DTNA estimates approximately 52,149 vehicles registered in the United States are affected by this action.

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

Please contact me if you have any questions.

Sincerely yours,



Nasser Zamani

Cc: Amy Martin, Chief Counsel, CAL-OSHA
Enclosure

A Daimler Company

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Defect Information Report - AMENDED

(Section 573.6)

May 6, 2013

(c)(1) Manufacturer: Daimler Trucks North America LLC
P.O. BOX 3849
Portland, Oregon 97208
(503) 745-5219

Brands: Freightliner

(c)(2) Vehicles identification:

Model(s) affected: Cascadia

Model Years affected: 2011, 2012, 2013 and 2014

Manufacture Dates: April 12, 2010, through March 2, 2013

Basis for determining population: Cascadia vehicles equipped with SAMCAB software version 6.2 and configured with both the turn signals operating as Daytime Running Lights and the "Turn-Tip" turn signal function activated, including vehicles originally equipped with SAMCAB software version 6.0 and upgraded through ServiceLink to SAMCAB software version 6.2 after leaving DTNA's direct control.

Vehicles not equipped with SAMCAB software version 6.2 and configured with both turn signals operating as Daytime Running Lights and the "Turn-Tip" turn signal function activated are not affected.

Component manufacturer if other than the vehicle manufacturer:

HELLA KGaA Hueck & Co /HELLA Automotive Mexico S.A. de C.V.
Av. Ingenierio Antonio Gutierrez Cortina 16
Parque Opcion - San Jose Iturbide, Guanajuato
Mexico

(c)(3) Total number of vehicles potentially affected: Approximately

United States	Canada
52,149	3,549

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

(c)(5) Description of the Noncompliance: On certain Cascadia vehicles equipped with SAMCAB software version 6.2 and configured with turn signals operating as Daytime Running Lights (DRLs) and the "Turn-Tip" turn signal function activated, the DRL may not reactivate when the Turn-Tip function completes its cycle due to an anomaly with the SAMCAB 6.2 software. Depending on the vehicle's operation, one or both DRLs may remain off for some period while the vehicle is being driven. The DRLs will resume normal operation if any of the following actions occur: the turn signal lever is held in the unlatched position for more than 500 milliseconds, the turn signal lever is moved to a latched position, the hazard lights are activated, the headlights are turned on, or the ignition switch status is changed.

49CFR Section 577.5(f) Evaluation of the risk to motor vehicle safety: Failure of one or both of the DRLs to illuminate reduces the vehicles visibility to other drivers increasing the risk of a crash.

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- (c)(6) **Chronology of principal events:** SAMCAB software version 6.2 was released on May 7, 2012. DTNA received a customer complaint in February 2013 indicating a potential DRL malfunction. A follow-up investigation identified an anomaly with the SAMCAB 6.2 software which prevented the DRL from reactivating when the Turn-Tip function completes its cycle. April 2013, DTNA completed its review of ServiceLink data and identified approximately 9,000 vehicles that have been modified after delivery.
- (c)(7) **Noncompliance-test or other data:** If vehicles in the U.S. are equipped with DRLs optically combined with a turn signal lamp, FMVSS 108.S5.5.11(a)(5) requires the DRLs to automatically reactivate when the turn signals are deactivated.
- (c)(8) **(i) Remedial program:** Affected vehicles will have their software modified to ensure the Daytime Running Lights operate correctly. Vehicle owners will be notified of this issue and advised not to utilize the Turn-Tip function until the final remedy is available. Repairs will be performed by Daimler Trucks North America 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 May 15, 2013
Dealer and distributor notification will be completed no later than May 15, 2013
- (c)(9) **Information for tire recalls:** Not Applicable
- (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-641