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

March 15, 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-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 reports a safety campaign to recall approximately 43,000 Freightliner Cascadia vehicles manufactured May 7, 2012 through March 2, 2013, and an unknown number of vehicles reconfigured after deliver from DTNA's manufacturing plants, for a defect in the SAMCAB software which prevents the Daytime Running Lights (DRLs) from automatically reactivating after the completion of the Turn-Tip function.

Attached are Daimler Trucks North America's Defect Information Reports.

Please contact me if you have any questions.

Sincerely yours,



Nasser Zamani

Cc: Amy Martin, Chief Counsel, CAL-OSHA
Enclosure
Certified Mail# 7003 2260 0001 3403 7590

A Daimler Company

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

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Defect Information Report

(Section 573.6)

March 15, 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: 2013 and 2014

Manufacture Dates: May 7, 2012 through March 2, 2013

Basis for determining population: Cascadia vehicles built with SAMCAB software version 6.2 and configured with turn signals operating as Daytime Running Lights and the "Turn-Tip" turn signal function activated.

Vehicles not 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. Ingeniero Antonio Gutierrez Cortina 16
Parque Opcion - San Jose Iturbide, Guanajuato
Mexico

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

United States	Canada
42,823	3,223

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

(c)(5) Description of the Noncompliance: On certain Cascadia vehicles built 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 halfway down for more than 500ms (lane change position), the turn signal lever is moved to the full on position (latch 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.

(c)(6) Chronology of principal events: SAMCAB software version 6.2 was released on May 7, 2012. DTNA received a customer complaint in February 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.

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- (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:** The remedial program has not been determined. 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

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Defect Information Report

(Section 573.6)

March 13, 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: 2012 and 2013

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

Vehicles not upgraded to 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 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: To be Determined

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

(c)(5) Description of the Noncompliance: On Cascadia vehicles upgraded to 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 halfway down for more than 500ms (lane change position), the turn signal lever is moved to the full on position (latch 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.

(c)(6) Chronology of principal events: SAMCAB software version 6.2 was released on May 7, 2012. DTNA received a customer complaint in February 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.