DAIMLER

Defect Information Report

(Section 573.6)

FL-800

Date of Submission: November 9, 2018

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

Type of Report:X Safety DefectOnn-Compliance

Vehicle Information

Model Yr. Start: MY2017 Model Yr. End: MY2019 Make: Freightliner Model: Cascadia Production Dates: Begin: May 17, 2016 End: November 5, 2018

Descriptive Information:

Vehicles built within a specified date range with steering wheel air bags. Number potentially involved: 2894 Estimated percentage of involved with defect: 0.1 %

Defect / Noncompliance Description

For this Defect/Noncompliance:

Describe the defect or noncompliance:

Under certain circumstances, an unintended deployment of the steering wheel air bag may occur. Currently, the root cause for this issue is still under investigation. The unintended steering wheel air bag deployment may be triggered by a damaged steering wheel clockspring, which may be caused when certain electrical grounds are improperly assembled.

If a noncompliance, provide the applicable FMVSS:

NA

Describe the safety risk:

An inadvertent driver air bag deployment may cause risk of injury to the driver and might increase the risk of a potential crash.

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:

On December 11, 2017, DTNA received a report of an unintended steering wheel air bag deployment on an undelivered vehicle. From December 2017 through May 2018, DTNA conducted an extensive investigation into the issue, attempting to understand and duplicate the conditions occurring at the time of deployment without success. In October 2018, DTNA received a report of a second unintended steering wheel air bag deployment. DTNA investigated this second occurrence in light of warranty data it had received regarding melted steering wheel clocksprings and steering wheel grounding issues, which was unavailable at the time the first event was investigated. Using the results of the inspection of this second vehicle and the parts returned to DTNA, DTNA reexamined the records of the first event and found similar conditions. While still under investigation, it is possible that incorrectly attached electrical grounds can allow current to damage the steering wheel clockspring and, in certain conditions, cause the airbag to deploy. While the sources of the high current in the two events have not been identified, on November 5, 2018, out of an abundance of caution, DTNA decided to conduct a voluntary safety recall on certain vehicles equipped with steering wheel air bags.

Identify the Remedy

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

To remedy the defect, DTNA will modify the wiring leading to the steering wheel clockspring, respond to any clockspring damage, and ensure correct grounding. Vehicles will be repaired 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:	January 9, 2019
Planned Dealer Notification End Date:	January 9, 2019
Planned Owner Notification Begin Date:	January 9, 2019
Planned Owner Notification End Date:	January 9, 2019

Manufacture's identification code for this recall (if applicable): FL-800



DTNA Representative;

Andy Jones Manager Compliance and Regulatory Affairs