

## Defect Information Report

(Section 573.6)

**FL-820**

**Date of Submission:** July 24, 2019

**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:** 2019 **Model Yr. End:** 2020

**Make:** Freightliner

**Model:** Cascadia

**Production Dates:** **Begin:** 06/13/2018

**End:** 07/15/2019

### Descriptive Information:

*Certain Cascadia vehicles equipped with a certain 40K Light Weight Extra Duty Airliner suspension and 51 inch axle spacing configuration built within the above referenced dates.*

**Number potentially involved:** 183 **Estimated percentage of involve with defect:** 100%

### Defect / Noncompliance Description

#### For this Defect/Noncompliance:

#### Describe the defect or noncompliance:

*On certain vehicles, the clearance between the ride height control valve and brake airlines may not be adequate. Articulation of the ride height control valve linkage in conjunction with the relative motion of the vehicle chassis could lead to contact between the brake airline and the linkage, leading to chafing of the brake airline.*

#### Describe the safety risk:

*Chafing of the brake airline may lead to an airline leak that may be undetectable during pre-trip inspection and could lead to significant damage to the airline. A significantly damaged brake airline may potentially result in reduced brake effectiveness, increasing the risk of a vehicle crash.*

## **Chronology of Defect / Noncompliance Determination**

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

*Late June 2019, DTNA received a field report of a vehicle with a brake airline rubbing on the linkage of the height control valve. Early July 2019, DTNA began an investigation on the issue by inspecting vehicles at the plant, and reviewing the design clearance, warranty and customer complaints. 13 warranty claims showed operators experienced an audible air leak during brake service application from a chaffed airline. July 18, 2019 DTNA with an abundance of caution, decided to conduct a voluntary safety recall.*

## **Identify the Remedy**

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

*The affected vehicles will receive a new bracket for the Height Control valve to increase clearance for the brake airlines. 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:** 09/21/2019

**Planned Dealer Notification End Date:** 09/21/2019

**Planned Owner Notification Begin Date:** 09/21/2019

**Planned Owner Notification End Date:** 09/21/2019

**Manufacture's identification code for this recall (if applicable):** FL-820

**DTNA Representative;**



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Manager  
Compliance and Regulatory Affairs