

## Defect Information Report (Section 573.6)

**FL-845**

**Date of Submission:** *March 3, 2020*

**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, Western Star, Freightliner Custom Chassis*

**Model:** *Freightliner: 108SD, 114SD, Cascadia, Business Class M2*

*Western Star: 4700, 5700*

*Freightliner Custom Chassis: S2, XB Chassis, and XC Chassis*

**Production Dates:**    **Begin:** *09/04/2018*      **End:** *03/29/2019*

### Descriptive Information:

*Certain vehicles equipped with air disc brakes with incomplete production caliper torque data manufactured at the York Axle Manufacturing Plant.*

**Number potentially involved:** *2585*    **Estimated percentage of involve with defect:** *20%*

### Defect / Noncompliance Description

#### For this Defect/Noncompliance:

#### Describe the defect or noncompliance:

*On certain vehicles, the brake caliper mounting bolts may be incorrectly torqued. This could result in caliper bolts loosening.*

#### Describe the safety risk:

*Insufficiently torqued bolts may not provide adequate clamping force between the brake caliper and brake anchor plate potentially resulting in reduced brake effectiveness. Reduced brake effectiveness could lead to 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 October 2019, DTNA received a report of a damaged wheel end from a loose brake caliper. November 2019, DTNA reviewed warranty data and found six reports indicating vehicles with under torqued calipers. December 2019, DTNA conducted a field inspection of 35 vehicles. The inspection identified five vehicles with under torqued caliper mounting bolts. January 2020 – February 2020 the supplier provided caliper torque data on all axles assembled at the axle manufacturing plant. The torque data was reviewed and it was determined that the vehicles with reported failures did not have complete torque data. Due to the absence of this data, DTNA could not fully analyze the caliper mounting bolt issue for the identified vehicles. February 2020, out of an abundance of caution, DTNA decided to initiate a voluntary safety recall for vehicles equipped with air disc brakes and incomplete production caliper torque data.*

## Identify the Remedy

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

*Potentially affected vehicles will be inspected and repaired as necessary. Repairs will be performed by Daimler Trucks North America authorized service facilities. Details of the reimbursement plan will be included in the owner's notification letter.*

## 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.*

<b>Planned Dealer Notification Begin Date:</b>	<i>05/01/2020</i>
<b>Planned Dealer Notification End Date:</b>	<i>05/01/2020</i>
<b>Planned Owner Notification Begin Date:</b>	<i>05/01/2020</i>
<b>Planned Owner Notification End Date:</b>	<i>05/01/2020</i>

**Manufacture's identification code for this recall (if applicable):** *FL-845*

**DTNA Representative;**



Andy Jones  
Manager  
Compliance and Regulatory Affairs