

Defect Information Report (Section 573.6)

FL-772

Date of Submission: **May 29th 2018**

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: 2017 Model Yr. End: 2019

Make: Freightliner, Western Star, and Freightliner Custom Chassis

Model: FTL: M2 Business Class, 108SD, 114SD, Cascadia

WST: 4700, 4900, 5700

FCCC: S2C 106 Cab, S2G Cab/Chassis, XBR, XBS, XCL, XCM, XCP, XCR, and XCS Chassis

Production Dates: Begin: 01/03/2017

End: 10/31/2017

Descriptive Information: *Vehicles equipped with certain air disc brakes assembled from the York Manufacturing Plant*

Number potentially involved: 14,925 **Estimated percentage of involve with defect:** Unknown

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. A caliper with loose mounting bolts may lead to reduced effectiveness.

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:

Mid October 2017, DTNA was notified of reports for loose caliper mounting bolts on the right hand steer axle that was attributed to a particular production shift at a certain plant. Mid November 2017, DTNA initiated a voluntary safety campaign (17V-759) to recall potentially affected vehicles. January 2018, certain dealers, while performing the recall 17V-759 noted that other calipers may have loose bolts; however there was no record from the dealers of actual torque values on these bolts. DTNA therefore initiated an extensive investigation that included inspections of other vehicles in the field. Data from the field revealed that other production shifts may also be affected. During the inspection, torque values recorded were lower than expected, but may not have been reduced sufficiently to present a safety risk. However, as the inspection continued, several vehicles were identified with loose or missing bolts and therefore on May 29th 2018, DTNA decided to initiate a voluntary safety campaign to recall certain vehicles that may have incorrectly torqued brake caliper mounting bolts.

Identify the Remedy

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

Potentially affected vehicles will be inspected and the caliper bolts will be torqued as necessary. 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:	07/27/2018
Planned Dealer Notification End Date:	07/27/2018
Planned Owner Notification Begin Date:	07/27/2018
Planned Owner Notification End Date:	07/27/2018

Manufacture's identification code for this recall (if applicable): FL-772

DTNA Representative;



Andy Jones
Manager
Compliance and Regulatory Affairs