

Defect Information Report (Section 573.6)

FL-783

Date of Submission: *August 8, 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: 2018 **Model Yr. End:** 2019
Make: *Freightliner*
Model: *108SD, 114SD, 122SD, Cascadia, Columbia, Coronado, Business Class M2*
Production Dates: **Begin:** *1/2/2017*
End: *7/9/2018*

Descriptive Information:

Vehicles within the above referenced production dates equipped with air disc brakes assembled at the Santiago Truck Manufacturing Plant

Number potentially involved: 4155 **Estimated percentage of involve with defect:** 0.2%

Defect / Noncompliance Description

For this Defect/Noncompliance:

Describe the defect or noncompliance:

On certain vehicles, the brake caliper mounting bolts may not be torqued to minimum specification at the manufacturing plant.

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:

November 2017, DTNA received a field report of caliper bolts having low torque on one customer fleet. The customer was removing the calipers when the low torque was noticed. The issue was communicated to the manufacturing plant. December 2017, the manufacturing plant improved the tooling for torquing caliper mounting bolts on air disc brakes. There was no evidence to show that the low torque condition would progress to present a risk to motor vehicle safety. At the time, warranty records did not show any other incidents of low torque caliper bolts. Late June 2018, DTNA received a report of missing caliper mounting bolts. A search on warranty records was rerun and no other incidents were reported. Early August 2018, DTNA decided to conduct a voluntary recall campaign on vehicles that may have incorrectly torqued brake caliper mounting bolts. Due to the low number of incidents reported, DTNA is conducting the recall with an abundance of caution and expects the occurrence of this defect to be very low.

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 to specification 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: 10/6/2018

Planned Dealer Notification End Date: 10/6/2018

Planned Owner Notification Begin Date: 10/6/2018

Planned Owner Notification End Date: 10/6/2018

Manufacture's identification code for this recall (if applicable): FL-783

DTNA Representative;



Andy Jones
Manager
Compliance and Regulatory Affairs