

Part 573 Safety Recall Report

18V-411

Manufacturer Name : Daimler Trucks North America LLC

Submission Date : JUN 25, 2018

NHTSA Recall No. : 18V-411

Manufacturer Recall No. : FL-775



Manufacturer Information :

Manufacturer Name : Daimler Trucks North America LLC

Address : 4747 N. Channel Avenue

Portland OR 97217-3849

Company phone : 800-745-8000

Population :

Number of potentially involved : 18,105

Estimated percentage with defect : 25 %

Vehicle Information :

Vehicle 1 : 2018-2019 Freightliner Cascadia

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain vehicles within the above referenced production dates equipped with air disc brakes assembled at the Saltillo Truck Manufacturing Plant

Production Dates : JAN 02, 2017 - MAY 19, 2018

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

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

FMVSS 1 : NR

FMVSS 2 : NR

Description of 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.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : NR
Address : NR
NR
Country : NR

Chronology :

August 2017, DTNA received a report of missing caliper-mounting bolts on one vehicle. DTNA opened an investigation and reviewed assembly processes and warranty. No other warranty reports indicated loose or missing caliper bolts and the report appeared to be an isolated event. The manufacturing processes on torquing caliper mounting bolts on air disc brakes were improved with additional torque checks and torque seal applications. October 2017, DTNA received reports of loose caliper bolts from vehicles manufactured at a separate plant and recalled under campaign 17V-759. The manufacturing defect was isolated to an individual during a specific shift and wheel end. January 2018, DTNA received reports of loose caliper mounting bolts on other wheel ends on vehicles inspected on recall campaign 17V-759. February 2018, DTNA began an extensive investigation that included inspections of other vehicles and wheel ends manufactured at other plants. May 2018, data from the field indicated that the original report from August 2017 may not have been an isolated incident. During the inspection, torque values recorded were lower than the minimum assembly requirement and new warranty claims indicated several other vehicles with low torque or missing bolts. June 2018, DTNA decided to initiate a voluntary safety campaign to recall certain vehicles that may have incorrectly torqued brake caliper mounting bolts.

Description of Remedy :

Description of Remedy Program : 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.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : Customer notification will be made by first class mail using Daimler Trucks North America records to determine the customers affected.

Planned Dealer Notification Date : AUG 13, 2018 - AUG 13, 2018

Planned Owner Notification Date : AUG 13, 2018 - AUG 13, 2018

* NR - Not Reported