

Part 573 Safety Recall Report

20V-127

Manufacturer Name : Daimler Trucks North America LLC**Submission Date :** MAR 03, 2020**NHTSA Recall No. :** 20V-127**Manufacturer Recall No. :** FL-845**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 : 2,585

Estimated percentage with defect : 20 %

Vehicle Information :

Vehicle 1 : 2019-2020 Freightliner 108SD

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

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

Production Dates : SEP 04, 2018 - MAR 29, 2019

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 2 : 2019-2020 Freightliner 114SD

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

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

Production Dates : SEP 04, 2018 - MAR 29, 2019

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 3 : 2019-2020 Freightliner Cascadia

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

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

Production Dates : SEP 04, 2018 - MAR 29, 2019

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 4 : 2019-2020 Freightliner Business Class M2

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

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

Production Dates : SEP 04, 2018 - MAR 29, 2019

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 5 : 2019-2020 Western Star 4700

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

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

Production Dates : SEP 04, 2018 - MAR 29, 2019

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 6 : 2019-2020 Western Star 5700

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

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

Production Dates : SEP 04, 2018 - MAR 29, 2019

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 7 : 2019-2020 Freightliner Custom Chass S2

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

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

Production Dates : SEP 04, 2018 - MAR 29, 2019

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 8 : 2019-2020 Freightliner Custom Chass XB Chassis

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

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

Production Dates : SEP 04, 2018 - MAR 29, 2019

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 9 : 2019-2020 Freightliner Custom Chass XC Chassis

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

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

Production Dates : SEP 04, 2018 - MAR 29, 2019

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 be incorrectly torqued. This could result in caliper bolts loosening.

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 :

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.

Description of Remedy :

Description of Remedy Program : 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.

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 : MAY 01, 2020 - MAY 01, 2020

Planned Owner Notification Date : MAY 01, 2020 - MAY 01, 2020

* NR - Not Reported