

Part 573 Safety Recall Report

20V-807

Manufacturer Name : Daimler Trucks North America, LLC

Submission Date : JAN 06, 2021

NHTSA Recall No. : 20V-807

Manufacturer Recall No. : FL-871



Manufacturer Information :

Population :

Manufacturer Name : Daimler Trucks North America, LLC

Address : 4747 N. Channel Avenue
Portland OR 97217-3849

Company phone : 800-745-8000

Number of potentially involved : 80

Estimated percentage with defect : 30 %

Vehicle Information :

Vehicle 1 : 2021-2021 Freightliner Business Class M2

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Chassis equipped with suspect hydraulic brake calipers

Production Dates : OCT 13, 2020 - DEC 03, 2020

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

Vehicle 2 : 2021-2021 Freightliner Custom Chass MBC Chassis

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Chassis equipped with suspect hydraulic brake calipers

Production Dates : OCT 13, 2020 - DEC 03, 2020

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

Vehicle 3 : 2021-2021 Freightliner Custom Chass MC Chassis

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Chassis equipped with suspect hydraulic brake calipers

Production Dates : OCT 13, 2020 - DEC 03, 2020

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

Vehicle 4 : 2021-2021 Freightliner Custom Chass MT55 Chassis

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Chassis equipped with suspect hydraulic brake calipers

Production Dates : OCT 13, 2020 - DEC 03, 2020

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 5 : 2021-2021 Freightliner Custom Chass S2 Chassis

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Chassis equipped with suspect hydraulic brake calipers

Production Dates : OCT 13, 2020 - DEC 03, 2020

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 6 : 2022-2022 Freightliner Custom Chass Saf-T-Liner C2

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Chassis equipped with suspect hydraulic brake calipers

Production Dates : OCT 13, 2020 - DEC 03, 2020

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : The 73mm Bosch hydraulic caliper tie bar support fasteners on steer axles may be under torqued and/or finger loose or the tie bar may have not been installed in some cases

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Although a loose or dangling tie bar could theoretically cause problems through coming into contact with rotating wheel-end components or brake parts flexing, we have no indication that any such things happened.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : caliper tie bar

Component Description : caliper tie bar

Component Part Number : BW 02040J2120

Supplier Identification :

Component Manufacturer

Name : Meritor, Inc

Address : 801 Railroad Ave

York South Carolina 29745

Country : United States

Chronology :

In November of 2020, DTNA found a single failure where the tie bar fasteners were determined to be finger loose. DTNA and the axle assembly supplier immediately performed inspections at the plants. The investigation found 55 units with fasteners under torqued and two trucks in which the tie bar had not been installed during assembly but no additional finger loose fasteners. Over the course of December 2020, DTNA engaged the axle assembly supplier to determine a population. Based on the best available information currently, DTNA has developed the population cited in this DIR/DIN; we will continue to work to define the population. December 2020, with an abundance of caution, DTNA reasonably decided to conduct a voluntary safety recall.

Description of Remedy :

Description of Remedy Program : Inspection of both steer axle wheel-ends will require the removal of the tire & wheel assembly. The 4 tie bar mounting fasteners are to be torqued to 40-50 ft-lbs. If the required tie bar is missing inspection of the caliper anchor mounts and functionality (brake pad slide pins and pad movement) is required before installing a tie bar. Repairs will be performed by Daimler Trucks North America authorized service facilities. Customer notification will be done by first class mail using Daimler Trucks North America records to determine the customers affected. 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 : FEB 18, 2021 - FEB 18, 2021

Planned Owner Notification Date : FEB 18, 2021 - FEB 18, 2021

* NR - Not Reported