

Part 573 Safety Recall Report

22V-299

Manufacturer Name : Daimler Trucks North America, LLC**Submission Date :** MAY 04, 2022**NHTSA Recall No. :** 22V-299**Manufacturer Recall No. :** FL-930**Manufacturer Information :****Population :**

Manufacturer Name : Daimler Trucks North America, LLC

Number of potentially involved : 15

Address : 4747 N. Channel Avenue

Estimated percentage with defect : 7 %

Portland OR 97217-3849

Company phone : 800-745-8000

Vehicle Information :

Vehicle 1 : 2023-2023 Western Star 47X

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Fifteen vocational trucks that were given post-manufacturing re-work by a certain service provider at one particular DTNA manufacturing plant may have had caliper mounting bolts incorrectly torqued.

Production Dates : FEB 03, 2022 - FEB 03, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2022-2023 Western Star 49X

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Fifteen vocational trucks that were given post-manufacturing re-work by a certain service provider at one particular DTNA manufacturing plant may have had caliper mounting bolts incorrectly torqued.

Production Dates : DEC 06, 2021 - FEB 09, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Potential of improperly installed caliper mounting bolts that may detach over time with vehicle operation.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Insufficiently torqued bolts may not provide adequate clamping force

Description of the Safety Risk : 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 : In some cases, loose caliper bolts may result in slight brake pull. Furthermore, loss of required clamp load may cause the brake caliper to come loose, leading to vibration and noise along with braking.

Involved Components :

Component Name 1 : Caliper Mounting Bolts

Component Description : Brake Calipers

Component Part Number : Multiple

Supplier Identification :

Component Manufacturer

Name : Meritor

Address : 801 Railroad Ave
York Rhode Island 29745

Country : United States

Chronology :

On April 14th 2022, while reviewing warranty claims on caliper mounting bolts, DTNA found a claim for one vehicle, which indicated that three caliper mounting bolts of right rear drive axle missing. DTNA notified the axle assembly supplier and promptly began a plant inspection. Recognizing that the vehicle in question was a part of a small subset of vehicles subject to a post-manufacturing suspension re-work process that involved a particular service provider removing brake caliper mounting bolts, DTNA inspected all of the other vehicles subject to that process that remained in DTNA's possession. The inspection identified no other vehicles with an under torqued mounting bolt.

Promptly in April 22, DTNA began an extensive fact-finding investigation, during which the axle assembly supplier shared records indicating good torque values for the one vehicle found to have loose bolts. These records allowed DTNA to narrow down the suspect population to the one vehicle in question and fourteen others, subject to the same suspension re-work process that involved a particular service provider removing brake caliper mounting bolts and to determine that the issue was not systemic within DTNA's manufacturing process.

On April 28th 22, out of an abundance of caution, DTNA decided to initiate a voluntary safety recall for vehicles

identified as re-worked under this process by the particular service provider

Description of Remedy :

Description of Remedy Program : Suspect units will be inspected for proper torque of caliper mounting bolts and repaired accordingly. Repairs will be performed by Daimler Truck North America authorized service facilities.
Daimler Truck North America shall be offering a refund for owner-paid repairs covered by this recall if the repair was performed prior to the date indicated in the reimbursement plan, which will be posted with owner's notification letter. Owners are directed to seek reimbursement through authorized dealers.

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 Truck North America records to determine the customers affected.

Planned Dealer Notification Date : JUL 02, 2022 - JUL 02, 2022

Planned Owner Notification Date : JUL 02, 2022 - JUL 02, 2022

* NR - Not Reported