

Part 573 Safety Recall Report

22V-460

Manufacturer Name : Daimler Trucks North America, LLC**Submission Date :** JAN 20, 2023**NHTSA Recall No. :** 22V-460**Manufacturer Recall No. :** FL944**Manufacturer Information :****Population :**

Manufacturer Name : Daimler Trucks North America, LLC

Number of potentially involved : 25

Address : 4747 N. Channel Avenue

Estimated percentage with defect : 100 %

Portland OR 97217-3849

Company phone : 800-745-8000

Vehicle Information :

Vehicle 1 : 2022-2023 FCCC MT50e Walk-In Van

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Supplier alerted FCCC that they had experienced a failure during product validation testing for the MT50e electric axle (E-axle). Supplier discovered a fractured park pawl after completing a sever portion of their test course. If the park pawl is fractured, it could result in a false park. This could potentially impacts MT50e Walk-in vans built during the Pre-series phase of production.

NOTE:

- Identify by body style or type. – MT50e, electric walk-in van

At the current time, all MT50e electric walk-in vans built during the pre-series phase, with start dates October 18, 2021 to June 24, 2022 are included in the recall population. However, as DTNA continues to investigate, the population may be decreased. The supplier of the E-Axle notified DTNA of the specific part with a potential defect.

Production Dates : OCT 18, 2021 - JUN 24, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Description of Defect :

Description of the Defect : MT50e electric walk-in vans are equipped with a DANA E-Axle with an internal spring holding the park pawl. Out of an abundance of caution, the supplier, while conducting product validation testing, discovered that after a severe portion of their test course, that a parking pawl was fractured. After the test results, the supplier tested again, at a lower speed, and discovered galling and damage to the pawl at the engagement site. A broken or damaged pawl could potentially result in the vehicle being set to park but roll away without the drivers intent if the parking brake is not set, contributing to an increased risk for crash or injury.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Failure mode could result in an unintended vehicle roll away if the parking brake is not set.

Description of the Cause : NR

Identification of Any Warning that can Occur : Suspected potential for noise or feel from supplier statement, but not guaranteed and may be indistinguishable. Driver may also notice an absence of engaging gear sound from parking brake (actuation sound would still be present), but this is not guaranteed, would require drivers attention to small details.

Involved Components :

Component Name 1 : DANA SPICER ES9000R S130

Component Description : E-AXLE-DANA,ES9000R

Component Part Number : DNA10170287

Supplier Identification :**Component Manufacturer**

Name : Dana Incorporated: Maumee, OH

Address : 3939 Technology Dr
Maumee Ohio 43537

Country : United States

Chronology :

June 23, 2022, DANA (supplier) sent a document alerting DTNA of possible safety concern related to damage to a park pawl during product validation testing. DTNA promptly began an investigation; no warranty claims or other communications were found for this type of failure. June 27, 2022, out of an abundance of caution, DTNA decided to conduct a voluntary recall on MT50e Walk-In vans. On 6/29/2022 DTNA identified an inaccuracy in the description of the potentially affected population and has updated the filing. On 7/5/2022, DTNA, in response to NHTSA feedback, updated the remedy program. DTNA became aware of the possibility that units were not placed on hold at Freightliner Custom Chassis Corporation (FCCC), on or about July 6, 2022. Nine additional units were identified as a result. DTNA worked with FCCC to ensure the remaining vehicles were placed on hold and promptly as part of the updated defect report. In September 2022, DTNA revised the Model Years covered by the recall to match Owner's Notification Letter information.

Description of Remedy :

Description of Remedy Program : FCCC will coordinate delivery of vehicles to repair facilities certified to work on electric vehicles, where the Dana e-Axle housing and drive motor will be replaced. 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 Trucks North America records to determine the customers affected.

Planned Dealer Notification Date : FEB 03, 2023 - FEB 03, 2023

Planned Owner Notification Date : FEB 03, 2023 - FEB 03, 2023

* NR - Not Reported