

# Part 573 Safety Recall Report

# 23V-879

**Manufacturer Name :** Daimler Trucks North America, LLC**Submission Date :** JAN 17, 2024**NHTSA Recall No. :** 23V-879**Manufacturer Recall No. :** FL987**Manufacturer Information :****Population :**

Manufacturer Name : Daimler Trucks North America, LLC

Number of potentially involved : 26

Address : 4747 N. Channel Avenue

Estimated percentage with defect : 100 %

Portland OR 97217-3849

Company phone : 800-745-8000

**Vehicle Information :**

Vehicle 1 : 2023-2024 FREIGHTLINER CUSTOM CHASS MT50E

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : HYBRID ELECTRIC

Descriptive Information : In certain MT50E and Saf-T-Liner C2 Jouley electric buses equipped with a specific high voltage junction box, fasteners at the joint connecting the high voltage inverter cable to the associated hardware may have been under torqued. Vehicles outside the recall population are equipped with a different type of high voltage junction box.

Production Dates : JUN 13, 2022 - OCT 12, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2024-2024 THOMAS BUILT BUSES SAF-T-LINER C2 JOULEY

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : HYBRID ELECTRIC

Descriptive Information : In certain MT50E and Saf-T-Liner C2 Jouley electric buses equipped with a specific high voltage junction box, fasteners at the joint connecting the high voltage inverter cable to the associated hardware may have been under torqued. Vehicles outside the recall population are equipped with a different type of high voltage junction box.

Production Dates : APR 18, 2023 - MAY 26, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : In certain model year 2023 and 2024 FCCC MT50E and TBB Saf-T-Liner C2 Jouley electric buses equipped with a specific high voltage junction box, fasteners at the joint connecting the high voltage inverter cable to the associated hardware may have been under torqued.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : On the affected vehicles, if the joint is under torqued, when power is sent to the high voltage inverter cable, this may result in electrical arcing between the high voltage inverter cable and hardware. If arcing is detected, the high voltage system is designed to shut down power to the vehicle which in this case could lead to loss of motive power without prior warning, increasing the risk of crash.

Description of the Cause : During the production process, fasteners on an inverter cable in the high voltage junction box were under torqued.

Identification of Any Warning that can Occur : No warning or detectability.

## Involved Components :

Component Name 1 : High Voltage Junction Box

Component Description : Power Distribution Unit (High Voltage)

Component Part Number : 66-28043-000

Component Name 2 : High Voltage Junction Box

Component Description : Power Distribution Unit (High Voltage)

Component Part Number : 66-28042-000

## Supplier Identification :

### Component Manufacturer

Name : Daimler Truck North America

Address : 4555 N Channel Avenue  
Portland Oregon 97217

Country : United States

## Chronology :

On or around December 19, 2023, in the course of developing a remedy for an existing school bus recall (23V-846), DTNA learned that a design change to the high voltage junction box involved in that recall had

occurred without a corresponding change in torque value. As a result of this information, DTNA identified that the fasteners on the high voltage junction box joint for a small number of non-school buses built on a separate assembly line may also have been insufficiently torqued. DTNA immediately captured units still within the manufacturing plants to correct the torque values. On December 20, 2023, DTNA determined that a safety-related defect may exist in these vehicles. On January 17, 2023, DTNA amended its Defect Information Report to provide a description of the final remedy for this recall.

## Description of Remedy :

**Description of Remedy Program :** A Daimler Truck North America authorized service facility will repair the affected vehicles by inspecting and tightening the fasteners to the correct torque value. Repairs will be performed free of charge by Daimler Truck North America authorized service facilities. Details of the reimbursement plan will be included in the owner's notification letter. Owners are directed to seek reimbursement through authorized dealers.

**How Remedy Component Differs from Recalled Component :** Vehicles that receive the recall remedy will have sufficiently torqued fasteners in the high voltage junction box.

**Identify How/When Recall Condition was Corrected in Production :** A digital torque tool was implemented in production to record and verify the torque on this joint as of November 20, 2023.

## 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 12, 2024 - FEB 12, 2024

**Planned Owner Notification Date :** FEB 12, 2024 - FEB 12, 2024

\* NR - Not Reported