

Part 573 Safety Recall Report

23V-846

Manufacturer Name : Daimler Trucks North America, LLC

Submission Date : MAR 13, 2024

NHTSA Recall No. : 23V-846

Manufacturer Recall No. : FL987



Manufacturer Information :

Population :

Manufacturer Name : Daimler Trucks North America, LLC

Number of potentially involved : 701

Address : 4747 N. Channel Avenue

Estimated percentage with defect : 100 %

Portland OR 97217-3849

Company phone : 800-745-8000

Vehicle Information :

Vehicle 1 : 2021-2025 THOMAS BUILT BUSES SAF-T-LINER C2 JOULEY

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : HYBRID ELECTRIC

Descriptive Information : In certain Saf-T-Liner C2 Jouley electric school 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 : DEC 11, 2019 - OCT 18, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : In certain model year 2021 through 2025 Saf-T-Liner C2 Jouley electric school 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

Supplier Identification :

Component Manufacturer

Name : Daimler Truck North America

Address : 4555 N Channel Ave.
Portland Oregon 97217

Country : United States

Chronology :

Refer attached chronology document.

Description of Remedy :

Description of Remedy Program : On the affected vehicles, the fasteners will be inspected and tightened. 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 : MAR 11, 2024 - MAR 11, 2024

Planned Owner Notification Date : MAR 21, 2024 - MAR 21, 2024

* NR - Not Reported