

Part 573 Safety Recall Report

22V-877

Manufacturer Name : Daimler Trucks North America, LLC**Submission Date :** MAY 05, 2023**NHTSA Recall No. :** 22V-877**Manufacturer Recall No. :** FL-960**Manufacturer Information :**

Manufacturer Name : Daimler Trucks North America, LLC

Address : 4747 N. Channel Avenue

Portland OR 97217-3849

Company phone : 800-745-8000

Population :

Number of potentially involved : 10

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2023-2023 FCCC MT50e vans

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Supplier alerted FCCC of a voluntary recall of a group of electric vehicle battery packs used on MT50e Walk-in-Vans. According to the supplier, these battery packs, due to a potential defect in the foil harness, may lose communication between the battery and Battery Management System. In the configuration of battery packs used on the MT50e, that loss of communication, in turn, could potentially result in loss of vehicle power. DTNA investigated the issue and out of an abundance of caution decided to recall on the supplier's early notification.

Production Dates : APR 20, 2022 - NOV 16, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The supplier indicated that the defect occurs due to a defect in the joint of a foil pack in the harness. This results in a loss communication between the battery and the battery management system (BMS). The battery pack would be powered down and result in a change in the vehicles state of charge (SOC). The MT50e features a series battery configuration, thus the vehicle if affected would see a sudden loss of power.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Failure mode could result in a loss of power, which in turn could increase the possibility of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : No known warning prior to failure on the configuration used in the MT50e.

Involved Components :

Component Name 1 : Battery-HV, Proterra, MT50e

Component Description : HV Battery Pack

Component Part Number : 66-25763-000

Supplier Identification :

Component Manufacturer

Name : Proterra

Address : 1 Whitlee Ct.
Greenville South Carolina 29607

Country : United States

Chronology :

DTNA learned on 11/18/2022 of the intent of Proterra to recall for a potential defect. 11/21/2022, DTNA immediately began investigating the battery serial list provided by Proterra to find potentially affected vehicles and locate uninstalled components. On 11/23/2022 out of an abundance of caution, DTNA decided to recall. In December, 2022, DTNA received a revised list of affected battery serial numbers from the supplier and, upon cross-referencing that list with production vehicle delivery information, determined that the population of affected US MT50e units was eight (one less than originally reported); DTNA amends this notification accordingly.

Description of Remedy :

Description of Remedy Program : Repair will be performed by certified HV3 Daimler Truck North America authorized service facilities. Battery Packs will be replaced. Daimler Truck is currently securing replacement parts. 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 : JAN 21, 2023 - JAN 21, 2023

Planned Owner Notification Date : JAN 21, 2023 - JAN 21, 2023

* NR - Not Reported