

Part 573 Safety Recall Report

22V-418

Manufacturer Name : Daimler Trucks North America, LLC

Submission Date : JUN 16, 2022

NHTSA Recall No. : 22V-418

Manufacturer Recall No. : FL939



Manufacturer Information :

Population :

Manufacturer Name : Daimler Trucks North America, LLC

Address : 4747 N. Channel Avenue
Portland OR 97217-3849

Company phone : 800-745-8000

Number of potentially involved : 185

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2021-2023 FCCC Saf-T-Liner C2 Jouley Electric Bus

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : All TBB Saf-T-Liner C2 Jouley buses built in the production range listed above.

Production Dates : AUG 19, 2019 - FEB 19, 2022

VIN Range 1 : Begin : NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : A ring terminal connector on the high voltage cable may not be properly crimped which could cause the cable to fail inside of the junction box enclosure.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A high voltage cable separation could lead to the bus shutting down due to a loss of electrical power or a short to ground, which could increase the risk of a fire. In the unlikely event of a school bus shutdown without the ability to resume operations, there could be an increased risk of injury due to the need to transfer passengers to alternate transportation in a potentially uncontrolled traffic condition.

Description of the Cause : NR

Identification of Any Warning that can Occur : Separation of the cable could be indicated by power flickering or the like. However, the cable end with the suspect crimp is not easily inspected without decommission of the High Voltage system (which requires specific training) followed by removal of the access panel cover on the junction box making it unlikely to be seen in a normal pre-trip inspection.

Involved Components :

Component Name 1 : CBL-HV,HVJB-BATTERIES 1,B2

Component Description : High Voltage Battery Cable

Component Part Number : 66-18372-188

Supplier Identification :**Component Manufacturer**

Name : Proterra

Address : 1 Whitlee Ct.

Greenville South Carolina 29607

Country : United States

Chronology :

On May 20, 2022, the supplier for DTNA's junction box and wiring components, Proterra, notified DTNA that a single incident, which occurred on a Jouley bus, was likely the result of an improper crimp of a high voltage wire within a junction box. At this time, Proterra did not declare a recall. DTNA staff promptly began an investigation and, in parallel, plant containment steps. Upon information and belief, and based on DTNA's best understanding of the information available at this time, the issue appears to arise from an improper high voltage wire crimp. On June 8, 2022 and with the limited information available from its expedited investigation, DTNA declared a recall. The following day, DTNA contacted NHTSA to communicate the issue and next steps. DTNA's investigation uncovered two claims related to the primary failed part. During the course of the investigation, DTNA discovered one additional warranty claim for a failure at the opposite connector end of the high voltage cable in July of 2021. It is unclear what the failure mode was nor whether this was associated with the same defect. At this time, DTNA is not aware of any injuries or fatalities related to these incidents.

Description of Remedy :

Description of Remedy Program : Inspection and repair or replacement of the cable, if required, will be performed by certified HV3 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 : AUG 06, 2022 - AUG 06, 2022

Planned Owner Notification Date : AUG 06, 2022 - AUG 06, 2022

* NR - Not Reported