

Part 573 Safety Recall Report

21V-850

Manufacturer Name : Daimler Trucks North America, LLC

Submission Date : NOV 10, 2021

NHTSA Recall No. : 21V-850

Manufacturer Recall No. : FL904



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 : 1,434

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2020-2022 Thomas Built Buses HDX

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Certain HDX model school busses manufactured 10/01/2019 and 08/19/2021.

Production Dates : OCT 01, 2019 - AUG 19, 2021

VIN Range 1 : Begin : NR **End :** NR ☐ Not sequential

Vehicle 2 : 2020-2022 Thomas Built Buses EFX

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : Certain HDX model school busses manufactured 10/01/2019 and 08/19/2021.

Production Dates : OCT 01, 2019 - AUG 19, 2021

VIN Range 1 : Begin : NR **End :** NR ☐ Not sequential

Description of Defect :

Description of the Defect : On the affected vehicles, the nut for the power cable stud on the alternator may not have been torqued properly.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Arcing due to a loose cable connection on an unfused power cable may increase the risk of a fire. To date, however, there are no reported injuries or deaths related to this issue.

Description of the Cause : There are no defective components on the bus. The defect is related to the installation at Thomas Built Buses

Identification of Any Warning that can Occur : The battery charge light on the dash instrument cluster may indicate a problem with the alternator and cable connection.

Involved Components :

Component Name 1 : Nut

Component Description : NUT-HEX,FLG,LOCK, 5/16-18,ZN AL

Component Part Number : 23-13861-105

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

At the end of July 2021, DTNA received a notification from a dealer of a bus with a loose power cable at the alternator. The dealer reported they inspected four additional units and found the nut that secures the cable to the alternator was not fully torqued. In August, DTNA began an investigation to determine the scope of the issue. At approximately the same time and thru October 2021, DTNA undertook a detailed review of warranty and field reports. Additional instances were identified that may be related to possible loose cable connections at the alternator. In total, 17 instances were identified potentially related to loose positive cable connections at the alternator. There was one occurrence, found in a warranty claim, where the dealer linked the alternator cable connection to a loose cable connection. On October 28, 2021, DTNA with an abundance of caution, decided to conduct a voluntary recall campaign on certain Thomas Built Buses Saf-T-Liner HDX and EFX school buses that may have a loose power cable connections at the alternator. There are no reported injuries or deaths related to this issue.

Description of Remedy :

Description of Remedy Program : The alternator power cable connection will be inspected and torqued if necessary. Repairs will be performed by Daimler Trucks North America authorized service facilities. Details of the reimbursement plan will be included in the owner's notification letter.

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 : DEC 31, 2021 - DEC 31, 2021

Planned Owner Notification Date : DEC 31, 2021 - DEC 31, 2021

* NR - Not Reported