

Part 573 Safety Recall Report

22V-153

Manufacturer Name : Daimler Trucks North America, LLC**Submission Date :** MAR 11, 2022**NHTSA Recall No. :** 22V-153**Manufacturer Recall No. :** FL-921**Manufacturer Information :****Population :**

Manufacturer Name : Daimler Trucks North America, LLC

Number of potentially involved : 539

Address : 4747 N. Channel Avenue

Estimated percentage with defect : 75 %

Portland OR 97217-3849

Company phone : 800-745-8000

Vehicle Information :

Vehicle 1 : 2020-2023 Thomas Built Buses Saf-T-Liner EFX School Bus

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Saf-T-Liner EFX school buses with a potential interference of certain chassis cross-member bolts and certain passenger seat floor mounting bolts

Production Dates : JUN 06, 2019 - NOV 30, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Noncompliance :**

Description of the Noncompliance : On the affected EFX school buses there may be certain passenger seats that have a mounting bolt that may contact a chassis cross-member bolt. Over time, the passenger seat bolt may fatigue from vibration and side loading. A broken seat mounting bolt may impact the ability of the seat to meet the seat and belt requirements of FMVSS 210 and/or FMVSS 222.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A broken seat bolt may impact the ability of the seat to meet the requirements of FMVSS 210 and or FMVSS 222. This may increase the risk of injury to the occupants in the event of a crash.

Description of the Cause : NR

Identification of Any Warning NR
that can Occur :

Involved Components :

Component Name 1 : Fastener

Component Description : BOLT HEX FLANGE 7/16-14X2.0 SAE GRADE 8

Component Part Number : 170727

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

In January 2022 DTNA received report from a customer of broken passenger seat floor mounting bolts. Thomas Built Buses (TBB) immediately initiated a quality containment on all EFX buses with similar configurations and began an investigation to determine the scope and potential consequences of the issue. TBB promptly began inspecting EFX buses on property and identified a certain cross-member location that may, under certain conditions of tolerance stackup, lead to interference between a seat mounting bolt and a cross-member bolt. TBB then promptly developed a predictive model, and validated it with inspection of EFX buses on property, that could compare seat and cross-member locations to identify suspect buses. At the same time, TBB reviewed FMVSS compliance testing data to determine if a broken bolt could affect the compliance of the seats. In March 2022 as soon as DTNA had sufficient information from its investigation, DTNA decided to conduct a voluntary non-compliance and safety recall on certain EFX school buses with a configuration that may allow a passenger seat mounting bolt and a chassis cross member bolt align and make contact.

Description of Remedy :

Description of Remedy Program : Spacer will be added between the frame rails and body floor in the affected area on the affected buses to provide proper clearance between the passenger seat mounting bolt and a chassis cross member bolt. Repairs will be performed by Daimler Truck 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 Truck North America records to determine the customers affected.

Planned Dealer Notification Date : MAY 09, 2022 - MAY 09, 2022

Planned Owner Notification Date : MAY 09, 2022 - MAY 09, 2022

* NR - Not Reported