

Part 573 Safety Recall Report

19V-712

Manufacturer Name : Daimler Trucks North America LLC**Submission Date :** OCT 04, 2019**NHTSA Recall No. :** 19V-712**Manufacturer Recall No. :** FL-832**Manufacturer Information :****Population :**

Manufacturer Name : Daimler Trucks North America LLC

Number of potentially involved : 53,528

Address : 4747 N. Channel Avenue

Estimated percentage with defect : 50 %

Portland OR 97217-3849

Company phone : 800-745-8000

Vehicle Information :

Vehicle 1 : 2014-2020 Thomas Built Buses Saf-T-Liner EFX

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Certain Thomas Built School Buses equipped with SynTec S3B or S3C seats.

Production Dates : JUL 05, 2013 - AUG 15, 2019

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

Vehicle 2 : 2014-2020 Thomas Built Buses Minotour

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain Thomas Built School Buses equipped with SynTec S3B or S3C seats.

Production Dates : JUL 05, 2013 - AUG 15, 2019

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

Vehicle 3 : 2014-2020 Thomas Built Buses Saf-T-Liner C2

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Certain Thomas Built School Buses equipped with SynTec S3B or S3C seats.

Production Dates : JUL 05, 2013 - AUG 15, 2019

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

Vehicle 4 : 2014-2020 Thomas Built Buses Saf-T-Liner HDX

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Certain Thomas Built School Buses equipped with SynTec S3B or S3C seats.

Production Dates : JUL 05, 2013 - AUG 15, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Noncompliance :

Description of the Noncompliance : Per SynTec 573 filing "The suspect population of seats were made with styrene blocks that have the potential to not meet the requirement of S5.3.2 Federal Motor Vehicle Safety Standard (FMVSS) 222".

FMVSS 1 : 222 - School bus passenger seating and crash protection

FMVSS 2 : NR

Description of the Safety Risk : Per SynTec 573 filing "The suspect population of seats were made with styrene blocks that have the potential to not meet the requirement of S5.3.2 Federal Motor Vehicle Safety Standard (FMVSS) 222, which may increase the risk of injury to the occupants in a crash. There have been NO reported injuries or accidents related to this defect."

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : SynTec Seating Solutions, LLC

Address : NR

NR

Country : NR

Chronology :

March 2019, DTNA received report from Transport Canada of non-complying test results on 2 of 4 seats tested for knee foam impact. DTNA contacted its supplier, SynTec, and SynTec launched investigation, including review of design history, validation and conformance testing, product changes, testing history, changes in test methodology, test equipment, manufacturing changes and variability, sub-supplier issues and other matters potentially contributing to the reported test result. June 2019, DTNA and SynTec representatives visited Transport Canada to review tested seats. Teardown of the seats indicated variation of the position of the knee styrene block to the seat frame. July - August 2019, SynTec initiates various impact tests in an effort to duplicate failure mode. This includes process trials, gluing methods, styrene positioning, and density studies to recreate field issue. August 2019, SynTec initiates design change to styrene block to improve resisting force as an improvement measure while investigation continues. September 2019, as a result of internal seat and

component level testing, combined with difficulties in visually identifying manufacturing variation in the positioning of the styrene block, SynTec concludes that a non-compliance could potentially exist on any S3B and S3C seat in the subject population. September 30th, 2019 DTNA with an abundance of caution, decided to conduct a voluntary recall campaign on certain school buses equipped with SynTec S3B and S3C seats. October 2019, SynTec officially notifies DTNA of their 573 filing.

Description of Remedy :

Description of Remedy Program : Seats will be augmented by installation of an additional impact material between the re-bond back and the vinyl back cover to assure compliance with pertinent requirements. **The impact material can be installed in the vehicle without taking the bus out of service.** Repairs will be performed by Daimler Trucks North America authorized service facilities. Copies of the reimbursement plan will be submitted as a supplemental report when available.

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 02, 2019 - DEC 02, 2019

Planned Owner Notification Date : DEC 02, 2019 - DEC 02, 2019

* NR - Not Reported