

Part 573 Safety Recall Report

21V-485

Manufacturer Name : Prevost Cars, Inc.

Submission Date : JUL 22, 2021

NHTSA Recall No. : 21V-485

Manufacturer Recall No. : SR SR21-308



Manufacturer Information :

Manufacturer Name : Prevost Cars, Inc.

Address : 35 Boulevard Gagnon
Ste-Claire, Quebec- Canada 00 G0R
2V0

Company phone : 999

Population :

Number of potentially involved : 56

Estimated percentage with defect : 20 %

Vehicle Information :

Vehicle 1 : 2021-2021 Prevost X3 Commuter Coach

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Certain vehicles with a specific passenger seat configuration from a specific supplier.

Production Dates : DEC 01, 2020 - JUN 04, 2021

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Noncompliance :

Description of the Noncompliance : Certain passenger seats attached to the wall rail on the outboard side may have an attachment improperly clamped to the rail. This clamp is part of the passenger seat attachment system required to meet the FMVSS 210 S4.2.2 .

FMVSS 1 : 210 - Seat belt assembly anchorages

FMVSS 2 : NR

Description of the Safety Risk : Under certain conditions, this may increase the risk of a passenger injury. Nova Bus has not received any report of injury or death associated with this defect. Therefore we consider this as a proactive measure to protect the public from the potential risk associated with this defect.

Description of the Cause : Certain clamp attachment weld nut were non-conforming with regards to the weld nut position. Under certain condition, this may create an interference with the fastener and the bracket causing improper clamping load even if the correct torque is apply on the fastener.

Identification of Any Warning that can Occur : None.

Involved Components :

Component Name 1 : Clamp

Component Description : Wall rail seat clamp

Component Part Number : 161315

Supplier Identification :**Component Manufacturer**

Name : AMSECO (Americain Seating)

Address : 801 Broadway Ave. NW
Grand Rapids Michigan 49504

Country : United States

Chronology :

2021-05-26 Report of an issue with some passenger seat attachment clamps from the Prevost Plattsburgh vehicle assembly plant.

2021-05-28 Prevost contacts the supplier (AMSECO) to analysis the issue.

2021-06- 04 Volvo Group North America Product Safety Working Group informed of the potential safety related issue. Investigation opened.

2021-06-09 Prevost decides to initiate a proactive delivery stop for the affected vehicles.

2021-06-09 Start of vehicle in service inspection and remedy as needed.

2021-06 Decision is made to also improve the current design for vehicle in production.

2021-06 Decision is made to also improve the design vehicle already in service

2021-06-21 Volvo Bus Corporation Product Safety Committee determines a regulatory non compliance exists.

2021-06-28 Prevost notifies NHTSA of the regulatory non-compliance.

Description of Remedy :

Description of Remedy Program : Prevost will provide a service document describing the inspection method used and the remedy applied when needed to change the bolt and add a spacer to eliminate the interference. All costs associated with this inspection and remedy were covered by Prevost. Note all the affected vehicles in service were all inspected and remedied if needed as of 2021-07-18. We are submitting this recall report to fulfill 49CFR573/577 requirements associated with safety-related defect determination and ensure proper traceability.

How Remedy Component Differs from Recalled Component : This is a supplier quality issue. The defective clamps were manufactured out of tolerance. Additionally, in order to make the installation even less sensitive to future potential quality issues, the bolt have been changed and a spacer added.

Identify How/When Recall Condition was Corrected in Production : Inspection was added to ensure there was no interference between the fastener and the bracket. Corrective action(8D report) to the seat supplier was requested. Containment action were implemented at the supplier. Additionally, in order to make the installation even less sensitive to future potential quality issues, the bolt have been changed and a spacer added.

Recall Schedule :

Description of Recall Schedule : Note Prevost does not have a dealer network and the dates entered for the planned dealer notification begin/end date are only to avoid NHTSA Recall Portal error while submitting the recall report.

Planned Dealer Notification Date : AUG 13, 2021 - AUG 13, 2021

Planned Owner Notification Date : AUG 13, 2021 - AUG 13, 2021

* NR - Not Reported