

Part 573 Safety Recall Report

21V-485

Manufacturer Name : Prevost Car (US) Inc.**Submission Date :** SEP 18, 2023**NHTSA Recall No. :** 21V-485**Manufacturer Recall No. :** SR SR21-308**Manufacturer Information :**

Manufacturer Name : Prevost Car (US) Inc.

Address : 201 South Avenue
South Plains NJ 07080

Company phone : 908-222-7211

Population :

Number of potentially involved : 65

Estimated percentage with defect : 20 %

Vehicle Information :

Vehicle 1 : 2021-2022 Prevost X3-45 Commuter

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.

The concerned vehicles are certain MY2021 to MY2022 Prevost X3-45 Commuter vehicles manufactured during the indicated production dates.

A total of 64 MY2021 Prevost X3-45 Commuter and 1 MY2022 Prevost X3-45 Commuter vehicles are affected by the recall.

Production Dates : AUG 19, 2020 - NOV 11, 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 exits.

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

2023-05 Prevost investigated population discrepancies between internal documentation and information presented in the 2021 Defect Information Report.

2023-06 Prevost determined that an additional 9 buses were affected by this condition (total recall population of 65 vehicles). The additional 9 vehicles were all remedied by Prevost without being officially notified.

2023-07-13 Prevost held a meeting with NHTSA representatives to explain the population discrepancies and the proposed resolution, to which they agreed subsequently.

2023-09-18 Prevost submitted an amended report with the updated recall population.

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. Pre-notification remedies will be addressed using the general reimbursement plan on file with NHTSA.

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