

Part 573 Safety Recall Report

23V-769

Manufacturer Name : Volvo Trucks North America**Submission Date :** NOV 15, 2023**NHTSA Recall No. :** 23V-769**Manufacturer Recall No. :** RVXX2312**Manufacturer Information :****Manufacturer Name :** Volvo Trucks North America**Address :** 7900 National Service Road
Greensboro NC 27409**Company phone :** 800 528 6586**Population :****Number of potentially involved :** 638**Estimated percentage with defect :** 100 %**Vehicle Information :****Vehicle 1 :** 2018-2024 Volvo VN/VNR/VHD**Vehicle Type :** BUSES, MEDIUM & HEAVY VEHICLES**Body Style :** OTHER**Power Train :** DIESEL**Descriptive Information :** The recall population is Volvo vehicles built between April 5, 2017 to October 20, 2023 with a passenger side bench seat.**Production Dates :** APR 05, 2018 - OCT 20, 2023**VIN Range 1 : Begin :** 4V5WC9DF6RN661102 **End :** 4V5K99EH2KN200014 ☒ Not sequential**Description of Noncompliance :****Description of the Noncompliance :** Trucks equipped with a passenger side bench seat do not meet requirements for FMVSS 207/210 S4.2. Strength due to in-adequate floor reinforcement.**FMVSS 1 :** 207 - Seating systems**FMVSS 2 :** 210 - Seat belt assembly anchorages**Description of the Safety Risk :** In the event of an accident, the passenger side bench seat attachment to the floor could fail, increasing the risk of injury.**Description of the Cause :** Design error relative to strength calculations.**Identification of Any Warning that can Occur :** No warnings exist for this condition.**Involved Components :**

Component Name 1 : Weld Nut

Component Description : 7/16 UNF*9 Steel UNT

Component Part Number : 943344

Supplier Identification :

Component Manufacturer

Name : Volvo

Address : 7825 National Service Rd.
Greensboro North Carolina 27409-9667

Country : United States

Chronology :

September 13, 2023 Volvo was having testing conducted on new seat and seat belt configurations at an outside testing facility.

November 1, 2023 Engineering results and finite element analysis results are reviewed with other seat and seatbelt combinations. November 6, 2023 Volvo Product Safety Office receives a report of a potential issue in compliance with FMVSS 207/210 with a specific optional passenger bench seat configuration.

November 13, 2023 Product Safety Evaluation Committee reviews findings from engineering analysis and recommends that a product non-compliance finding with FMVSS 207/210 be brought to Product Safety Committee

November 13, 2023 The Product Safety Committee meets and decides that a product non-compliance exists.

November 15, 2023 573 Report filed with NHTSA

There have been no accidents or injuries related to this issue, there have been no warranty claims, field reports or customer complaints associated with this issue.

Description of Remedy :

Description of Remedy Program : Remedy program will be to remove an existing weld nut and replace it with a two nut and washer combination which provides adequate strength. Reimbursement for the recall will be covered by Manufacturer's Reimbursement Plan on file with NHTSA.

How Remedy Component Differs from Recalled Component : Surface areas of the two nut and washer combination is greater and as a result meets the testing requirements. (Flange nut/7/16UNC*10.5/946315) 2 Each and (Washer/13.5*28*2 Steel/120135)

Identify How/When Recall Condition was Corrected in Production : Production was corrected with the remedy solution within our factories on October 30, 2023.

Recall Schedule :

Description of Recall Schedule : Dealer notification will begin on November 17, 2023 and owner notification will begin on or before December 15, 2023
Planned Dealer Notification Date : NOV 17, 2023 - NOV 17, 2023
Planned Owner Notification Date : DEC 15, 2023 - DEC 15, 2023

* NR - Not Reported