

Part 573 Safety Recall Report

24V-431

Manufacturer Name : Endera Motors**Submission Date :** OCT 17, 2024**NHTSA Recall No. :** 24V-431**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Endera Motors

Address : 804 N. Pratt ST.

Ottawa OH 45875

Company phone : 5233593

Population :

Number of potentially involved : 180

Estimated percentage with defect : 50 %

Vehicle Information :

Vehicle 1 : 2021-2024 Endera School Bus

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : This recall affects all school bus units produced Endera Motors school buses between 2021 and 2023.

Production Dates : APR 28, 2021 - JAN 11, 2024

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : It has been determined that the Endera School Bus did not comply with lap and shoulder belt assembly anchorage loadings requirement specified by 571.222 S5.(b). FMVSS 222 refers to 210 and 207 for load requirements. The seat belt assembly anchorage did not meet and maintain the required load of 3,000 lbf specified in 210, nor the simultaneously applied 1,518 lbf load as specified in 207. The 207-bard load was subject to 1,142 lbf and the highest load of 2,385 lbf was reached for the outboard pelvic block.

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

FMVSS 2 : NR

Description of the Safety Risk : Therefore, the seat may not hold in place in the event of an accident where force greater than the mandated 3,000 lbf is exerted on the seat assembly increasing the risk of physical harm and danger to passengers in the event of an accident.

Description of the Cause : Mis-build during production process. Seat belt anchorage washer was omitted.

Identification of Any Warning NR
that can Occur :

Involved Components :

Component Name 1 : Passenger Seat Anchorage Washer

Component Description : Washer - Seat Anchorage Assembly

Component Part Number : 1133860

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

NHTSA performed the safety tests on the Titan Bus vehicle, and determined the failure of the pull test on 4/25/24. Endera Motors confirmed receipt of notification from NHTSA on 6/6/24 due to a change in NHTSA point of contact at Endera to Kevin Hernandez. Once confirming receipt of the, Endera reviewed the findings with engineering, and worked out a resolution and notified the Recall team by 6/12/24. Due to technical difficulties with the NHTSA portal, the process was delayed, but once resolved, the recall notice was submitted to NHTSA by 6/14/24.

Description of Remedy :

Description of Remedy Program : Installation of washers to assist with the strength of the floor bolts holding the seating in place will solve the deficiency from the pull test. Endera Motors will cover the time and materials cost with dealers and manufacturers who will perform the rework directly. Remedies for buses that are currently under warranty will not be eligible for reimbursement since the repairs will be covered by the warranty. Vehicles out of warranty will be eligible for reimbursement for the repairs made.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : notice will be sent out to all dealers on file and customers. Once contact is made and arrangements are made to bring the vehicles in for the rework of the components, reimbursement will be processed for the recall work.

Planned Dealer Notification Date : OCT 22, 2024 - OCT 29, 2024

Planned Owner Notification Date : NOV 04, 2024 - NOV 11, 2024

* NR - Not Reported