

Part 573 Safety Recall Report

24V-630

Manufacturer Name : Endera Motors**Submission Date :** OCT 21, 2024**NHTSA Recall No. :** 24V-630**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 : 18

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2022-2023 Endera School Bus

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : The recall population was determined by selecting the bus orders that selected the gas shock equipped emergency door locking prop which is the cause of the recall. Based on our records, 18 units were produced between 2022 and 2023 with this option selected.

Production Dates : JUL 18, 2022 - JUN 28, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The rear emergency exit door is not equipped with a positive door opening device that bears the total weight of the door, keeps the door from closing past the point at which the door is perpendicular to the side of the bus body, regardless of the vehicle's orientation, and provides a mean for release or override.

FMVSS 1 : 217 - Bus emergency exits and window retention and release

FMVSS 2 : NR

Description of the Safety Risk : The rear emergency exit door is not equipped with a positive door opening device that bears the total weight of the door, keeps the door from closing past the point at which the door is perpendicular to the side of the bus body, regardless of the vehicle's orientation, and provides a mean for release or override. The emergency exit door closing unexpectedly can increase the risk of injury.

Description of the Cause : S5.4.2.1 (3(i)): Emergency Exit Doors: Each emergency exit door of a school bus shall be

equipped with a positive door opening device that, after the release mechanism has been operated, under the conditions of S6, before and after the window retention test required by S5.1.
S5.4.2.1 (3(A)): Bears the weight of the door
S5.4.2.1 (3(B)): Keeps the door from closing past the point at which the door is perpendicular to the side of the bus body, regardless of the body's orientation
S5.4.2.1 (3(C)): Provides a means for release or override.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : Emergency Rear Exit Door

Component Description : Emergency Rear Exit Door Locking Prop with Gas Shock

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

Test information was received from the lab testing facility on 6/26/24, at which point the results were reviewed by Endera engineering and verified by Endera personnel with confirmation being sent back to NHTSA by 7/19/24. Recall procedures commenced on 8/14/24.

Description of Remedy :

Description of Remedy Program : The optional gas shock will need to be replaced on all 18 vehicles that elected to have the optional units installed. The new mechanism will be a compliant locking prop. All current production buses are now built standard with the compliant locking prop and a gas shock option is no longer offered. Endera will reach out to the dealers and all customers with the affected units. Once the customers are notified, if the vehicles are under warranty, these units will be up-fitted at no cost to the client and therefore not eligible for reimbursement. If a vehicle is out of warranty, and a cost is undertaken in replacement of the component, Endera will reimburse the client or dealer the cost of the repair upon completion.

How Remedy Component Differs from Recalled Component : The remedy component is a standard locking mechanism and not a gas shock enabled mechanism which is able to withstand the weight of the door as required by the FMVSS rule.

Identify How/When Recall Condition was Corrected in Production : The option for the gas shock was removed from the order process, and the standard locking component was implemented across all product lines after August 2023.

Recall Schedule :

Description of Recall Schedule : Dealers and Clients will commence receipt of notification letters

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

Planned Owner Notification Date : NOV 05, 2024 - NOV 12, 2024

* NR - Not Reported