

Part 573 Safety Recall Report

23V-763

Manufacturer Name : Nova Bus (US) Inc.

Submission Date : NOV 11, 2023

NHTSA Recall No. : 23V-763

Manufacturer Recall No. : CR5508



Manufacturer Information :

Manufacturer Name : Nova Bus (US) Inc.

Address : 260 Banker Road
PLATTSBURGH NY 12901

Company phone : 450-472-6410

Population :

Number of potentially involved : 339

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2020-2023 Nova LFS / LFS Artic

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The recall population is defined by vehicles built from November 19, 2019 through May 22, 2023 that may have insufficient strength retaining brackets for the Mobile Climate Control Unit installed on the roof.

Production Dates : NOV 19, 2019 - MAY 22, 2023

VIN Range 1 : Begin : 4RKYL82J4L9777479 **End :** 4RKYL82J0P977890 Not sequential

Description of Defect :

Description of the Defect : The brackets retaining the Mobile Climate Control Unit could fail due to high mechanical loads.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In the event that the brackets retaining the Mobile Climate Control Unit fail, the unit may separate from the vehicle, causing an increased risk of injury or crash.

Description of the Cause : Insufficient design validation for the actual vehicle conditions.

Identification of Any Warning that can Occur : There is no warning prior to occurrence.

Involved Components :

Component Name 1 : BRACKET

Component Description : BOX CORNER

Component Part Number : Y24-01421

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

April 16, 2023: Nova Bus was informed that a vehicle had 2 of 4 broken retaining brackets.

May 18, 2023: Nova Bus started an internal Investigation.

June 05, 2023: The issue was raised to the safety forum as a potential risk for evaluation.

July 13, 2023: Nova Bus opens a formal potential safety related issue investigation.

October 12, 2023: Product Safety Evaluation Committee evaluates and raises to Product Safety Committee.

October 19, 2023: Evaluated at Product Safety Committee and further information requested relative to retaining forces.

October 26, 2023: Additional information presented to Product Safety Evaluation Committee for evaluation and raised to Product Safety Committee.

November 6, 2023: Product Safety Committee determination of product defect.

November 11, 2023: Nova Bus files 573 with NHTSA that a voluntary recall will be released to address the safety-related defect.

There have been no accidents or injuries related to this defect. There have been four vehicles where a broken bracket was identified during the process of the investigation.

Description of Remedy :

Description of Remedy Program : Remedy program will be to perform an inspection of the existing brackets and add additional brackets to provide sufficient design margin. All costs associated with this corrective measure will be covered by Nova Bus. Pre-notification remedies will be addressed using the Nova Bus general reimbursement plan on file with NHTSA.

How Remedy Component Differs from Recalled Component : Remedied component will have four additional brackets installed.
Y24-01421 BRACKET, BOX CORNER

Identify How/When Recall Condition was Corrected in Production : An internal campaign was launched to correct vehicles in production November 7, 2023.

Recall Schedule :

Description of Recall Schedule : Note: Nova Bus 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.
Owner notification will begin on or before December 20, 2023

Planned Dealer Notification Date : NOV 15, 2023 - NOV 15, 2023

Planned Owner Notification Date : DEC 20, 2023 - DEC 20, 2023

* NR - Not Reported