

# Part 573 Safety Recall Report

# 24V-421

**Manufacturer Name :** Nova Bus (US) Inc.

**Submission Date :** JUN 07, 2024

**NHTSA Recall No. :** 24V-421

**Manufacturer Recall No. :** CR5605



## 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 :** 45

**Estimated percentage with defect :** 100 %

## Vehicle Information :

**Vehicle 1 :** 2022-2023 Nova Bus LFS

**Vehicle Type :** BUSES, MEDIUM & HEAVY VEHICLES

**Body Style :** OTHER

**Power Train :** DIESEL

**Descriptive Information :** The recall population is defined by vehicles built from 01/09/2023 through 03/22/2023, equipped with BCC roof units manufactured between August 2022 and July 2023. There are 45 Nova LFS vehicles MY 2022 through 2023 impacted.

**Production Dates :** JAN 09, 2023 - MAR 22, 2023

**VIN Range 1 : Begin :** 4RKYL82J5N9778661 **End :** 4RKYL82J4P9778752

Not sequential

## Description of Defect :

**Description of the Defect :** Vehicles may have been built with improper torque applied to a ground connection on a bus bar inside the HVAC roof unit. This could lead to a loose ground connection.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** A loose connection could lead to a corruption of the vehicle communication network, causing the engine to stall. An unexpected engine shutdown can increase the risk of a crash. In addition, a loose ground connection may increase the risk of a thermal event.

**Description of the Cause :** Improper torque applied to ground bus bar connection inside the HVAC roof unit.

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

## Involved Components :

Component Name 1 : Roof Unit

Component Description : Roof Unit ECO353 40FT

Component Part Number : N91985-02

## Supplier Identification :

### Component Manufacturer

Name : Bus Climate Control Corp.

Address : 400 South Salem Church Road

York Pennsylvania 17408

Country : United States

## Chronology :

April 14, 2023: Nova Bus service representative was informed of the issue.

May 15, 2023: Nova Bus started an internal investigation.

May 29, 2023: The issue was raised to the Product Safety Evaluation Committee as a potential risk for evaluation.

June 16, 2023: Nova Bus opens a formal potential safety related issue investigation.

June 19, 2023: Survey was launched by roof unit supplier to help identify potential affected market.

March 9, 2024: Supplier completed the survey.

May 23, 2024: Product Safety Evaluation Committee evaluates and raises to Product Safety Committee.

June 4, 2024: Product Safety Committee determination of product defect.

June 7, 2024: 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 no warranty claim related to this defect.

## Description of Remedy :

Description of Remedy Program : Vehicles will be recalled and the remedy program will be to inspect vehicles and reapply correct torque on the bus bar connection. 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 correct torque applied and torque seal will be visible on the connection.

Identify How/When Recall Condition was Corrected in Production : A corrective action as part of the supplier's post delivery inspection was put in place by the supplier on April 1st, 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.

Planned Dealer Notification Date : JUN 10, 2024 - JUN 10, 2024  
Owner notification will begin on or before August 08, 2024

Planned Owner Notification Date : AUG 08, 2024 - AUG 08, 2024

\* NR - Not Reported