

# Part 573 Safety Recall Report

# 22V-416

**Manufacturer Name :** Nova Bus (US) Inc.**Submission Date :** JUN 13, 2022**NHTSA Recall No. :** 22V-416**Manufacturer Recall No. :** CR5259**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 : 273

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2019-2021 Nova Bus LFS

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : NR

Descriptive Information : Certains diesel and CNG powered vehicles equipped with a certain radiator fans electrical circuit fuse holder configuration.

Production Dates : FEB 06, 2019 - SEP 10, 2021

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2019-2022 Nova Bus LFS Artic

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : NR

Descriptive Information : Certains diesel and CNG powered vehicles equipped with a certain radiator electrical circuit fuse holder configuration.

Production Dates : JUN 17, 2019 - JAN 17, 2022

VIN Range 1 : Begin : NR End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Under certain conditions, a certain configuration of radiator fans electrical fuse holder may experience excessive corrosion that may lead to an electrical resistive short.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Under certain conditions, an electrical resistive short may increase the risk of a vehicle fire.

**Description of the Cause :** The technical analysis and root cause analysis is still in progress and may lead to additional root causes and/or contributing factors that may potentially lead to additional remedy actions.  
The absence, lack of and use of inadequate anti-corrosive coating for this specific configuration may allowed for accelerated and excessive corrosion on the fuse holder exposed terminals and mounting fasteners. In some case, an inverted mounting fasteners may also reduce the distance between an exposed terminal and the mounting fastener.

**Identification of Any Warning that can Occur :** During pre-trip inspection and scheduled preventive maintenance a thermal event in development may be detected by looking at the fuse holder plastic cap for heat damages.

## Involved Components :

Component Name 1 : Fuse holder

Component Description : Fuse holder

Component Part Number : N84769

## Supplier Identification :

### Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

## Chronology :

2022-02-21: Nova Bus is notified of a thermal event in the radiator fans electrical fuse holder area.

2022-02-24: Nova Bus Service creates a Field Report.

2022-03-21: Nova Bus is notified of a 2nd thermal event which may potentially have been initiated in the radiator fans electrical fuse holder area.

2022-04-27: Nova Bus mandates an external forensic investigator to investigate the 2022-03-21 thermal event with the customer external investigator.

2022-04-28: Volvo Trucks North America Product Safety Committee determines a Safety-Related Defect exists on certain Mack Trucks Australia equipped with a similar fuse holder.

2022-05-03: Nova Bus Product Safety Working Group begins the evaluation of this Potential Safety-Related Issue.

2022-05: Various customers vehicles surveyed.

2022-05: During a routine customer visit, Nova Bus service detects a 3rd thermal event in development in the fuse holder area.

2022-06-01: This Potential Safety-Related Issue is presented for information only to the Nova Bus Product Safety Committee.

2022-06-02: The Product Safety Working Group raises the Potential Safety-Related Issue to the Product Safety Committee.

2022-06-07: The Product Safety Committee determines a Safety-Related Defect exists.

2022-06-13: Nova Bus submits a vehicle recall report to NHTSA.

## Description of Remedy :

**Description of Remedy Program :** Nova Bus will provide a service document to perform the remedy. All costs associated with this corrective measure will be covered by Nova Bus. Pre-notification remedies will be addressed using the general reimbursement plan on file with NHTSA.

**How Remedy Component Differs from Recalled Component :** The anti-corrosive coating specified in the remedy service document is better suited for this application and does not deteriorates over a short period of time such as the intial anti-corrosive coating under certain conditions.

**Identify How/When Recall Condition was Corrected in Production :** Affected vehicles in Production at both Nova Bus assembly plants have been corrected with the anti-corrosive coating specified in the remdy document since 2022-04.

## 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 dates are only to avoid NHTSA Recall Portal error when submitting the recall report.

**Planned Dealer Notification Date :** JUN 30, 2022 - JUN 30, 2022

**Planned Owner Notification Date :** JUN 30, 2022 - JUN 30, 2022

\* NR - Not Reported