

Part 573 Safety Recall Report

24V-518

Manufacturer Name : Nova Bus (US) Inc.**Submission Date :** JUL 08, 2024**NHTSA Recall No. :** 24V-518**Manufacturer Recall No. :** CR5615**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 : 901

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2024 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 11/17/2021 through 03/15/2024, equipped with parking brake valve P/N N55953 assembled in Nova Bus Plattsburgh facility. There are 864 Nova LFS vehicles MY 2021 to 2024 and 37 Nova LFS Artic vehicles MY 2021 to 2023 impacted.

Production Dates : NOV 17, 2021 - MAR 15, 2024

VIN Range 1 : Begin : 4RKYL82J5M9778125 End : 4RKYL82M4P9778874 Not sequential

Vehicle 2 : 2021-2023 Nova Bus 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 11/17/2021 through 03/15/2024, equipped with parking brake valve P/N N55953 assembled in Nova Bus Plattsburgh facility. There are 864 Nova LFS vehicles MY 2021 to 2024 and 37 Nova LFS Artic vehicles MY 2021 to 2023 impacted.

Production Dates : DEC 02, 2021 - MAR 15, 2024

VIN Range 1 : Begin : 4RKYS92J6M9778188 End : 4RKYS92JOP9779163 Not sequential**Description of Defect :**

Description of the Defect : Vehicles may have been manufactured with a loose connection on the parking brake valve's air lines.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A loose connection could lead to a sudden air leak. A sudden air leak in the parking brake system will apply the parking brake automatically without activating the brake lights. A bus stopping suddenly without activating the brake lights may increase the risk of a crash.

Description of the Cause : Incorrect torque applied to connector.

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

Involved Components :

Component Name 1 : Parking Brake Valve

Component Description : Parking Brake Valve

Component Part Number : N55953

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

March 14, 2024: Issue discovered during Nova Bus pre-delivery road test

March 15, 2024: Nova Bus released an internal campaign to validate and correct all buses from the Plattsburgh plant

March 18, 2024: Nova Bus started an internal Investigation.

March 21, 2024: Nova Bus opens a formal potential safety related issue investigation.

March 28, 2024: Product Safety Evaluation Committee launched a survey to identify the affected population.

May 29, 2024: Survey is complete

July 02, 2024: Product Safety Evaluation Committee evaluates and raises to Product Safety Committee.

July 03, 2024: Product Safety Committee determination of product defect.

July 08, 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 were no warranty claims related to this defect.

Description of Remedy :

Description of Remedy Program : Owners will be notified. Vehicles will be recalled. Remedy program will be to inspect vehicles and reapply correct torque on the air line connections. 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 be assembled with correct torque on the connectors.

Identify How/When Recall Condition was Corrected in Production : An Internal Campaign was launched to correct vehicles in production March 15, 2024.

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 September 06, 2024

Planned Dealer Notification Date : JUL 10, 2024 - JUL 10, 2024

Planned Owner Notification Date : SEP 06, 2024 - SEP 06, 2024

* NR - Not Reported