



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V822

Manufacturer Name: Nova Bus (US) Inc.

Submission Date: Dec 16, 2025

NHTSA Recall No.: 25V822

Manufacturer Recall No.: CR5803

Manufacturer Information

Population

Manufacturer Name: Nova Bus (US) Inc.

Address: 260 Banker Road
PLATTSBURGH NY, 12901

Total number of potentially involved: 6

Estimated percentage with defect: 100%

Vehicle Information

Vehicle 1: 2021-2021 NOVA BUS LFS

Product Category: Buses, Medium & Heavy Vehicles

Product Type: Transit Bus

Fuel / Propulsion: Hybrid Electric Vehicle

Production Dates: Feb 08, 2021 - Oct 07, 2021

Number of potentially involved: 3

Descriptive Information:

The recall population is defined by vehicles built from 02/08/2021 through 10/07/2021 manufactured with a ECP and MCP pumps having loose impeller / shaft fitting.

Vehicle 2: 2025-2025 NOVA BUS LFS

Product Category: Buses, Medium & Heavy Vehicles

Product Type: Transit Bus

Fuel / Propulsion: Hybrid Electric Vehicle

Production Dates: Feb 13, 2025 - Feb 14, 2025

Number of potentially involved: 3

Descriptive Information:

The recall population is defined by vehicles built from 02/13/2025 through 02/14/2025 manufactured with a ECP and MCP pumps having loose impeller / shaft fitting.

Defect / Noncompliance Description

Part 573 Safety Recall Report

25V822**Description of the defect or noncompliance:**

The subject vehicles have been manufactured with an Ametek SLP pump for which the impeller may slip on the shaft causing a loss of pumping capability and may lead to various issues of the Electrical Cooling Package and the Mechanical Cooling Package.

FMVSS1:**FMVSS2:****Description of the safety risk, including crash, fire, death, injury:**

A loose impeller-shaft fitting could cause a loss of pumping capability and an increase of coolant temperatures. The Electrical Cooling Package and Mechanical Cooling Package pump failures may lead to a loss of motive power. A loss of motive power may increase the risk of a crash.

Description of the cause:

A loose impeller-shaft fitting could cause a loss of pumping capability and increase of temperatures leading to stop the motor propulsion.

Identification of any warning that can occur:

There is a tell-tales on the dashboard that illuminates to warned the driver.

Component Manufacturer

Tier of Supplier: Tier 1

Supplier Type:

Name: Ametek Inc.

Address: 1100 Cassatt Road
Berwyn PA, 19312

Country: United States

Involved Components

Component Name 1: ECP Pump

Component Description: Electrical Cooling Pump (ECP)

Component Part Number: N107906

Component Name 2: MCP Pump

Component Description: Mechanical Cooling Pump (MCP)

Part 573 Safety Recall Report

25V822

Component Part Number: N107907

Chronology

February 02, 2025: Nova Bus was notified by a customer regarding an impeller/shaft issue.

March 14, 2025: Nova Bus Product Safety Office generated an alert and initial review is started.

March 14, 2025: Initial findings reviewed, Product Safety Office opens a case for further investigation.

March 31, 2025: Nova Bus release an internal campaign.

September 25, 2025: Product Safety Evaluation Committee evaluates and recommends issue to be escalated to Product Safety Committee.

October 02, 2025: Product Safety Committee determination of product defect.

October 09, 2025: Nova Bus submits a foreign recall report to NHTSA and advice that a voluntary recall will be performed for vehicles in Canada.

November 21, 2025: Nova identified that 3 US buses, included in the internal campaign, may not have been corrected adequately prior to being shipped to customers.

November 28, 2025: Nova Bus files 573 with NHTSA that a voluntary recall will be released to address the safety-related defect.

There have been 0 warranty claims, field reports, 0 accidents, or injuries reported with this issue.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type: Inspect, Replace

Consumer Advisories: ☐ Do Not Drive ☐ Park Outside

Description of remedy program:

Owner will be notified. Vehicles will be recalled. Remedy program is to inspect and replace the pumps.

How remedy component differs from recalled component:

The pump replacement with reinforce impeller/shaft assembly.

Identify how/when recall condition was corrected in production:

An internal campaign was launched on March 31, 2025. The vehicles delivered after this date will have the correct impeller/shaft assembly in the pump.

Part 573 Safety Recall Report

25V822

Reimbursement Plan

Manufacturer used general reimbursement plan on file.

Recall Schedule

Description of recall schedule:

Nova Bus does not have a dealer network.

Owner notification will begin on or before January 27, 2026.

Planned Dealer Notification Date:

☒ No Dealers

Planned Interim Owner Notification Date:

☐ No Owners

Planned Remedy Owner Notification Date: Jan 27, 2026 - Jan 27, 2026

☐ Phased Recall

Date when VIN will be searchable: Jan 27, 2026