

# Part 573 Safety Recall Report

## 25E-027

**Manufacturer Name :** Nova Bus (US) Inc.**Submission Date :** APR 14, 2025**NHTSA Recall No. :** 25E-027**Manufacturer Recall No. :** CR5720**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 :** 2,090**Estimated percentage with defect :** 72 %**Equipment Information :****Brand / Trade 1 :** ZF North America**Model :** Knorr-Bresme 20/22-57**Part No. :** K038830N002**Size :** NR**Function :** Brake Chamber**Descriptive Information :** The recall population is defined by equipment sold as aftermarket parts through Prevost Parts between October 14th, 2016 to January 30th, 2019 and December 14th, 2020 to January 27th, 2021. These suspect brake chambers sold in aftermarket may have defective brake chamber seals.**Production Dates :** OCT 01, 2016 - DEC 31, 2020**Description of Defect :****Description of the Defect :** Nova Bus has identified that potentially defective brake chambers used to brake the bus have been sold as aftermarket parts through Prevost Parts between October 14th, 2016 to January 30th, 2019 and December 14th, 2020 to January 27th, 2021.**FMVSS 1 :** NR**FMVSS 2 :** NR**Description of the Safety Risk :** A brake chamber leak could lead to brakes being applied unwantedly. An unwanted application of the brakes may cause the brake components to overheat, produce smoke and could lead to a wheel end fire. An unwanted brake application may also increase the risk of a crash.**Description of the Cause :** Brake chamber seal design.**Identification of Any Warning that can Occur :** There is no warning prior to occurrence.

**Involved Components :**

Component Name : Brake Chambers

Component Description : Knorr-Bresme 20/22-57 Brake Chamber

Component Part Number : K038830N002

**Supplier Identification :****Component Manufacturer**

Name : ZF North America

Address : 15811 Centennial Dr

Township of Northville Michigan 48168

Country : United States

**Chronology :**

See attached document titled "Equipment Recall - Brake Chamber Seal Leaking Chronology".

**Description of Remedy :**

Description of Remedy Program : Owners will be notified. Vehicles will be recalled. Remedy program is to replace the suspect brake chambers with new corrected brake chambers. 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 : Replaced brake chambers will have a post January 1st, 2021 manufactured date.

Identify How/When Recall Condition was Corrected in Production : Brake chamber manufactured after January 1st, 2021 are free from the identified defects.

**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 June 13th, 2025.

Planned Dealer Notification Date : APR 21, 2025 - APR 21, 2025

Planned Owner Notification Date : JUN 13, 2025 - JUN 13, 2025

### Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : NR

Address : NR

NR

Country : NR

Company Phone : NR

\* NR - Not Reported