



U.S. Department  
of Transportation

National Highway  
Traffic Safety  
Administration

## Part 573 Safety Recall Report

## 25E048

**Manufacturer Name:** Bendix Commercial Vehicle Systems, LLC

**Submission Date:** Aug 01, 2025

**NHTSA Recall No.:** 25E048

**Manufacturer Recall No.:**

### Manufacturer Information

### Population

**Manufacturer Name:** Bendix Commercial Vehicle Systems, LLC

**Address:** 35500 Chester Rd  
Avon OH, 44011

**Total number of potentially involved:** 1,672

**Estimated percentage with defect:** 100%

### Equipment Information

**Brand / Trade 1:** BENDIX

**Model:** AIR DISC BRAKE ACTUATOR

**Part Number:** K068622

**Type:** Replacement

**Function:** Parking Brake

**Size:** Type 22/24 – 57mm

**Production Dates:** Oct 01, 2016 - Nov 06, 2018

**Number of potentially involved:** 1,672

#### Descriptive Information:

This piston style parking brake chamber Model NG3 BS8485 Part Number K038830N00 (aftermarket part number K068622) was built with a piston seal that was found to leak intermittently internally due to material and design defect. An internal seal with improved material was put into production on November 7, 2018. Other NG3 part numbers use different machined piston seat and seal geometry and are not affected.

### Defect / Noncompliance Description

#### Description of the defect or noncompliance:

According to Defect Information Reports submitted by Nova Bus (24V-558, 24V-559 and 25E-027), certain vehicles manufactured with a rear axle brake chamber produced by Knorr-Bremse where the parking brake piston seal may leak. In light of the Nova Bus defect determination and in support of its recall campaign, Bendix has decided to conduct its own recall to address the aftermarket brake chambers that it offers for sale to distributors and end-customers directly.

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**FMVSS1:**

**FMVSS2:**

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

If the brake chamber's piston seal leaks internally, this could lead the parking brake to not fully release from a standstill position, creating force and allowing the parking brake to drag. Reapplication of the parking brake will reset the parking brake but if left unaddressed, the parking brake could overheat and smoke and in an extreme case could increase the risk of a fire.

**Description of the cause:**

This piston style parking brake chamber part number K038830N00 was built with a piston seal that was found to leak intermittently internally due to material, manufacturing variation, and environmental conditions. Internal leakage of this brake chamber design in a city bus application with frequent parking and unparking events may lead to a prolonged force output of the parking brake.

**Identification of any warning that can occur:**

If the brake chamber leaks, the driver will notice brake drag, perceive a lack of power when accelerating from a stop, and may observe smoke emerging from the underside of the bus.

## Component Manufacturer

**Tier of Supplier:** Tier 1

**Supplier Type:** OEM

**Name:** Knorr-Bremse

**Address:** Moosacher Str. 80  
München Foreign States, Germany

**Country:** Germany

## Involved Components

**Component Name 1:** Air Disc Brake Actuator

**Component Description:** Piston Style Parking Brake Chamber

**Component Part Number:** K038830N00

## 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:

**Part 573 Safety Recall Report****25E048****Name:** VISION TRUCK GROUP**Address:** 415 EVANS AVE  
Etobicoke Ontario Foreign States, M8W0B3**Country:** Canada**Name:** GLOBAL PARTS – JACKSONVILLE**Address:** 101 ELLIS RD  
JACKSONVILLE FL, 32254**Country:** United States**Name:** NEW FLYER PARTS - ON1 BRAMPTON**Address:** 420 DEERHURST DR UNIT 1  
Brampton Ontario Foreign States, L6T5H9**Country:** Canada**Name:** TW - KENNESAW**Address:** 1650 WESTFORK DR  
LITHIA SPRINGS GA, 30122**Country:** United States**Name:** New York City Transit**Address:** 58-80 BORDEN AVE  
MASPETH NY, 11378**Country:** United States**Name:** International - NAV Defense**Address:** 2255 Progress Dr  
Springfield OH, 45505**Country:** United States**Name:** Volvo AB Prevost Parts - Quebec City**Address:** 2955 - A Rue Watt  
Quebec Foreign States, G1X3W1**Country:** Canada

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**Name:** Volvo AB Prevost Car Inc

**Address:** 201 South Ave  
South Plainfield NJ, 07080

**Country:** United States

## Chronology

On April 22, 2025, Bendix was made aware that Nova Bus had submitted Defect Information Reports to NHTSA (24V-558, 24V559 and 25E-027) related to the performance of certain brake chambers produced by Knorr-Bremse. Knorr-Bremse had previously reviewed this issue with Nova Bus in 2021 and the parties concluded the performance of the brake chamber did not amount to an unreasonable risk to safety due to the low severity of any risk (no potential for unexpected brake application or risk of fire) and high detectability (obvious signs of smoke and reapplication of the parking brake would reset the brake chamber) and the matter was considered resolved. Following Nova Bus' determination that a safety defect exists in these parts and in order to support its campaign, on July 29, 2025, Bendix decided to conduct a recall to address the aftermarket parts that it sells to distributors and end-customers. Inclusive of those presented by Nova Bus, Bendix received 428 warranty claims on part number K038830N00. Bendix and Knorr-Bremse are not aware of any crashes, injuries, or reports of fire in the field as a result of this issue.

**Related NHTSA Recall Number:** 24V558, 24V559, 25E027

## Description of Remedy

**Remedy Type:** Replace

**Consumer Advisories:** ☐ Do Not Drive ☐ Park Outside

### Description of remedy program:

The suspect parts will be replaced with parts without the defect. The remedy parts will be replaced at no cost to the vehicle owner. Reimbursement claims can be made on the Bendix website (b2bendix.com).

### How remedy component differs from recalled component:

Remedy components have an improved internal seal material. The date of manufacture is identifiable and permanently marked on the product.

### Identify how/when recall condition was corrected in production:

New seal material from a different sub supplier was introduced on November 7, 2018.

## Reimbursement Plan

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**25E048****Description of reimbursement program:**

Specifics of reimbursement program will be determined and described in notification letter.

**Period of reimbursement:****Costs to be reimbursed:****Address for reimbursement claims:**

35500 Chester Road  
Avon OH, 44011

## Recall Schedule

**Description of recall schedule:**

Remedy parts are available now. All customers will be notified in writing on or before the notification dates. A bulletin will be posted and made available to the public on the Bendix website.

**Planned Dealer Notification Date:**☐ No Dealers**Planned Interim Owner Notification Date:**☐ No Owners

**Planned Remedy Owner Notification Date:** Sep 12, 2025 - Sep 29, 2025 ☐ Phased Recall