

# Part 573 Safety Recall Report

## 24E-034

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

**Submission Date :** APR 30, 2024

**NHTSA Recall No. :** 24E-034

**Manufacturer Recall No. :** NR



### Manufacturer Information :

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

**Address :** 35500 Chester Rd

Avon OH 44011

**Company phone :** 440-329-9000

### Population :

**Number of potentially involved :** 1,769

**Estimated percentage with defect :** 5 %

### Equipment Information :

**Brand / Trade 1 :** Intellipark PVM

**Model :** Non-Towing

**Part No. :** K266604R000

**Size :** NR

**Function :** Parking Brake

**Descriptive Information :** The recall population includes all parts manufactured with a rubber ball seal from a specific supplier. Products not included in the recall population do not contain the rubber ball seal from the specific supplier and do not contain the defect. The number of affected products is 754.

**Production Dates :** SEP 20, 2023 - MAR 12, 2024

**Brand / Trade 2 :** Intellipark PVM

**Model :** Non Towing

**Part No. :** K189349

**Size :** NR

**Function :** Parking Brake

**Descriptive Information :** The recall population includes all parts manufactured with a rubber ball seal from a specific supplier. Products not included in the recall population do not contain the rubber ball seal from the specific supplier and do not contain the defect. The number of affected products is 895.

**Production Dates :** SEP 20, 2023 - MAR 12, 2024

Brand / Trade 3 : Intellipark PVM  
Model : Non-towing  
Part No. : K273523R000  
Size : NR  
Function : Parking Brake

Descriptive Information : The recall population includes all parts manufactured with a rubber ball seal from a specific supplier. Products not included in the recall population do not contain the rubber ball seal from the specific supplier and do not contain the defect. The number of affected products is 50.

Production Dates : SEP 20, 2023 - MAR 12, 2024

Brand / Trade 4 : Intellipark PVM  
Model : Towing  
Part No. : K273520R000  
Size : NR  
Function : Parking Brake

Descriptive Information : The recall population includes all parts manufactured with a rubber ball seal from a specific supplier. Products not included in the recall population do not contain the rubber ball seal from the specific supplier and do not contain the defect. The number of affected products is 70.

Production Dates : SEP 20, 2023 - MAR 12, 2024

Description of Defect :

Description of the Defect : The Intellipark Park Valve Module (PVM) may develop an excessive leak that leads to improper park brake operation.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A park valve module with fractured rubber ball seal may result in an inability to park when commanded. The vehicle must be parked by depleting the air supply to engage the parking brake by fanning down the system using the service brake pedal. If a driver does not detect that the park valve module is malfunctioning, the vehicle may unintentionally move which increases the likelihood of a crash. A fractured rubber ball seat may also leak in a way such that the parking brake system engages without a command. If the vehicle is in motion, an un-commanded parking brake engagement may increase the likelihood of a crash.

Description of the Cause : An improperly molded rubber ball seal may contain a crack that may tear during assembly, and propagate to a fracture after repeated actuation and environmental exposure.

**Identification of Any Warning that can Occur :** Parking brake status is provided to driver by LED lights on the parking brake control switch and indicated by dashboard telltale light or other audible and visual dash display messages. Audible exhaust sounds that are typically heard as an air braked vehicle is parked may not be heard. The excessive leak may be heard during pre-trip inspection before the vehicle is put in use.

### Involved Components :

**Component Name :** Ball

**Component Description :** Rubber Ball Seal

**Component Part Number :** K105135

### Supplier Identification :

#### Component Manufacturer

**Name :** Parker Hannifin Corporation

**Address :** 2360 Palumbo Drive  
Lexington Kentucky 40509

**Country :** United States

### Chronology :

Chronology Submitted as a separate file.

### Description of Remedy :

**Description of Remedy Program :** The defect remedy program includes removing and replacing the Intellipark PVM and replacing it with a PVM without the defect. The PVM assembly is replaced as a whole unit and is not opened or serviced in the field. Bendix will provide the remedy PVM to the vehicle manufacturer. The vehicle manufactures will contact the vehicle owners. The vehicle manufacturers will submit completion reports. The remedy will be provided at no cost to the vehicle owner or vehicle manufacturer. Bendix will reimburse our customers for repairs under the general reimbursement plan or a recall specific plan if necessary. Replacement time is estimated at one half hour though this depends on specific component locations on the vehicle.

How Remedy Component Differs from Recalled Component :	The defective ball seal may contain cracks and molding defects from supplier B. The remedy ball seals do not contain cracks and are from supplier A. Each Park Valve Module has a serialized date code which can be used to identify PVM's with potentially defective ball seals.
Identify How/When Recall Condition was Corrected in Production :	Remedy ball seals were obtained from supplier A which exhibit no cracks and were tested for durability in repeated cycling and environmental exposure without failures. The supplier A ball seals were re-introduced to assemblies produced on 3/14/2024. No Intellipark PVM were built after 3/14/2024 with ball seals from supplier B that contain the potential defect.

Recall Schedule :

Description of Recall Schedule :	All customers will be notified in writing on or before the planned notification dates.
Planned Dealer Notification Date :	JUN 27, 2024 - JUN 28, 2024
Planned Owner Notification Date :	JUN 27, 2024 - JUN 28, 2024

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 :	Navistar
Address :	2701 Navistar Drive Lisle IL 60532
Country :	US
Company Phone :	3313225684

Name :	FCCC
Address :	552 Hyatt St. Gaffney SC 29341
Country :	US
Company Phone :	8643980881

Name :	Daimler Trucks North America
Address :	4555 N. Channel St. Portland OR 97217
Country :	US
Company Phone :	5037455508

\* NR - Not Reported