

# Part 573 Safety Recall Report

## 23V-171

**Manufacturer Name :** Navistar, Inc.**Submission Date :** JUL 27, 2023**NHTSA Recall No. :** 23V-171**Manufacturer Recall No. :** 23508**Manufacturer Information :**

Manufacturer Name : Navistar, Inc.

Address : 2701 Navistar Drive  
Lisle IL 60532

Company phone : 331-332-1590

**Population :**

Number of potentially involved : 24

Estimated percentage with defect : 2 %

**Vehicle Information :**

Vehicle 1 : 2023-2023 International HV

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information :

- The suspect population is identified by models equipped with feature code 04GBN – (Electronic Park Brake) for Tractor or Truck with Trailer Applications.
- The inclusive dates of manufacture were determined by all vehicles built with feature code 0004GBN.
- The vehicles in the suspect population were built with 0004GBN and all other vehicles were not built with this feature code.

There are 2 HV series trucks in the suspect population

Production Dates : JUN 24, 2022 -JUN 27, 2022

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 2 : 2023-2023 International HX

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information :

- The suspect population is identified by models equipped with feature code 04GBN – (Electronic Park Brake) for Tractor or Truck with Trailer Applications.
- The inclusive dates of manufacture were determined by all vehicles built with feature code 0004GBN.
- The vehicles in the suspect population were built with 0004GBN and all other vehicles were not built with this feature code.

There are 8 HX series trucks in the suspect population.

Production Dates : MAY 23, 2022 -AUG 08, 2022

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 3 : 2023-2023 International RH

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : • The suspect population is identified by models equipped with feature code 04GBN – (Electronic Park Brake) for Tractor or Truck with Trailer Applications.  
• The inclusive dates of manufacture were determined by all vehicles built with feature code 0004GBN.  
• The vehicles in the suspect population were built with 0004GBN and all other vehicles were not built with this feature code.  
There are 4 RH series trucks in the suspect population

Production Dates : MAY 19, 2022 - JUL 27, 2022

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 4 : 2023-2023 International LT

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : • The suspect population is identified by models equipped with feature code 04GBN – (Electronic Park Brake) for Tractor or Truck with Trailer Applications.  
• The inclusive dates of manufacture were determined by all vehicles built with feature code 0004GBN.  
• The vehicles in the suspect population were built with 0004GBN and all other vehicles were not built with this feature code.  
There are 9 LT series trucks in the suspect population.

Production Dates : MAY 18, 2022 - AUG 05, 2022

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 5 : 2023-2023 International LoneStar

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : • The suspect population is identified by models equipped with feature code 04GBN – (Electronic Park Brake) for Tractor or Truck with Trailer Applications.  
• The inclusive dates of manufacture were determined by all vehicles built with feature code 0004GBN.  
• The vehicles in the suspect population were built with 0004GBN and all other vehicles were not built with this feature code.  
There is one (1) LoneStar series trucks in the suspect population

Production Dates : AUG 05, 2022 - AUG 05, 2022

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

**Description of Defect :**

Description of the Defect : As reported in Bendix's recall 23E-015; The Intellipark Tractor Park Valve Module (PVM) may intermittently become stuck in the un-parked position and may not transition from un-parked to parked when the Park Switch is pulled on the vehicle dashboard.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : AS reported in Bendix's recall 23E-015; An Intellipark PVM that intermittently becomes stuck in the un-parked position does not allow the vehicle spring brakes to exhaust when the driver pulls the Park Switch. The vehicle must be parked by depleting air storage by fanning-down the air brake system with the service brake pedal. If a driver does detect the Intellipark PVM malfunction indications and does not properly fan down the brakes, the vehicle may unintentionally move which increases the likelihood of a crash.

Description of the Cause : • As reported in Bendix recall 23E-015; Mechanical components in the PVM that are at the upper limit of the design specification and other tolerance stack-ups allow for excessive internal air leakage. The internal leakage does not allow pressure to build properly when the pilot solenoid is activated.

Identification of Any Warning that can Occur : As reported in Bendix recall 23E-015; Park Indication LEDs on the park switch remain off after the Park Switch is pulled indicating that the spring brake system has not exhausted and the vehicle is not parked. Audible exhaust sounds that are typically heard as an air-braked vehicle is parked, will not be heard indicating that the vehicle has not parked. The vehicle manufactures have implemented dash display indications and alerts indicating that the vehicle has not parked in response to pulling the Park Switch.

**Involved Components :**

Component Name 1 : Park Valve Module (PVM)

Component Description : Intellipark Tractor/Truck Towing variant Park Valve Module (PVM)

Component Part Number : Bendix P/N S-1696

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

Name : Bendix Commercial Vehicle Systems, LLC

Address : 35500 Chester Rd

Avon Ohio 44011

Country : United States

## Chronology :

- 02/17/2023 – Navistar receives communication from Bendix that they have filed a defect report with NHTSA related to the Intellipark PVM for Towing vehicles.
- 02/20/2023 – Navistar Engineering and Product Compliance initiate an investigation to determine the possible vehicle level impact to International products.
- 02/27/2023 – Navistar Engineering and Bendix meet to determine root cause investigation.
- 03/02/2023 – Navistar completes warranty analysis and found no instances of failure to park occurring with Navistar vehicles.
- 03/6/2023 – Engineering and Product Compliance finalize their investigation and the suspect population.
- 03/09/2023 – Navistar declares a Safety Recall.

## Description of Remedy :

- Description of Remedy Program :
- 07/20/2023 – Navistar Compliance Committee approves the Bendix recall 23E-015 remedy of replacing the Intellipark PVM built with internal improvements.
  - Navistar's plan for reimbursement of pre-notification remedies, on file with NHTSA and dated 05/06/2022, applies and reimbursement instructions will be included in the customer notification.
  - An Interim notice will be mailed to affected customers advising them of the concern and the actions they should take when applying the park brake until a final remedy is developed.

How Remedy Component Differs from Recalled Component : As reported in Bendix recall 23E-015; the remedy PVM include improved dimensional controls and O-ring squeeze which eliminates the potential internal leak.

Identify How/When Recall Condition was Corrected in Production : NR

## Recall Schedule :

Description of Recall Schedule : It is estimated that the Customer and Dealer notification letters will be mailed by 05/15/2023.

Planned Dealer Notification Date : MAY 15, 2023 - MAY 15, 2023

Planned Owner Notification Date : MAY 15, 2023 - MAY 15, 2023

\* NR - Not Reported