

Part 573 Safety Recall Report

23V-353

Manufacturer Name : Navistar, Inc.**Submission Date :** MAY 18, 2023**NHTSA Recall No. :** 23V-353**Manufacturer Recall No. :** 23514**Manufacturer Information :**

Manufacturer Name : Navistar, Inc.

Address : 2701 Navistar Drive

Lisle IL 60532

Company phone : 331-332-1590

Population :

Number of potentially involved : 4,030

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2001-2003 International 9100i

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 01WPN (pintle hook, includes mounting bracket for lowering pintle hook), 01WPS or 01VAL (pintle hook, includes mounting bracket for lowering pintle hook 15 inches).
- The vehicles in the suspect population were built for a single customer and the inclusive dates of manufacture were determined by when these specific models were built for this customer with these feature codes.
- The vehicles in the suspect population were built with feature codes 01WPN, 01WPS, or 01VAL and all other similar vehicles not subject to this recall were not. There are 200 9100i model trucks in the suspect population.

Production Dates : NOV 16, 2000 - SEP 23, 2002

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2004-2009 International 9200i

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 01WPN (pintle hook, includes mounting bracket for lowering pintle hook), 01WPS or 01VAL (pintle hook, includes mounting bracket for lowering pintle hook 15 inches).
- The vehicles in the suspect population were built for a single customer and the inclusive dates of manufacture were determined by when these specific models were built for this customer with these feature codes.
- The vehicles in the suspect population were built with feature codes 01WPN, 01WPS, or 01VAL and all other similar vehicles not subject to this recall were not. There are 2595 9200i model trucks in the suspect population.

Production Dates : JUN 26, 2003 - MAY 15, 2008

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2009-2009 International ProStar

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 01WPN (pintle hook, includes mounting bracket for lowering pintle hook), 01WPS or 01VAL (pintle hook, includes mounting bracket for lowering pintle hook 15 inches).
- The vehicles in the suspect population were built for a single customer and the inclusive dates of manufacture were determined by when these specific models were built for this customer with these feature codes.
- The vehicles in the suspect population were built with feature codes 01WPN, 01WPS, or 01VAL and all other similar vehicles not subject to this recall were not. There are 97 ProStar model trucks in the suspect population.

Production Dates : JUL 22, 2008 - OCT 08, 2008

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2011-2012 International ProStar

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 01WPN (pintle hook, includes mounting bracket for lowering pintle hook), 01WPS or 01VAL (pintle hook, includes mounting bracket for lowering pintle hook 15 inches).
- The vehicles in the suspect population were built for a single customer and the inclusive dates of manufacture were determined by when these specific models were built for this customer with these feature codes.
- The vehicles in the suspect population were built with feature codes 01WPN, 01WPS, or 01VAL and all other similar vehicles not subject to this recall were not. There are 471 ProStar model trucks in the suspect population.

Production Dates : AUG 11, 2010 - NOV 16, 2011

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 5 : 2017-2017 International ProStar

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 01WPN (pintle hook, includes mounting bracket for lowering pintle hook), 01WPS or 01VAL (pintle hook, includes mounting bracket for lowering pintle hook 15 inches).
- The vehicles in the suspect population were built for a single customer and the inclusive dates of manufacture were determined by when these specific models were built for this customer with these feature codes.
- The vehicles in the suspect population were built with feature codes 01WPN, 01WPS, or 01VAL and all other similar vehicles not subject to this recall were not. There are 570 ProStar model trucks in the suspect population.

Production Dates : JUN 06, 2016 - SEP 06, 2016

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 6 : 2021-2021 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 01WPN (pintle hook, includes mounting bracket for lowering pintle hook), 01WPS or 01VAL (pintle hook, includes mounting bracket for lowering pintle hook 15 inches).
• The vehicles in the suspect population were built for a single customer and the inclusive dates of manufacture were determined by when these specific models were built for this customer with these feature codes.
• The vehicles in the suspect population were built with feature codes 01WPN, 01WPS, or 01VAL and all other similar vehicles not subject to this recall were not. There are 97 RH series trucks in the suspect population.

Production Dates : JUN 03, 2020 - SEP 08, 2020

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Noncompliance :

Description of the Noncompliance : The suspect vehicles do not conform to Federal Motor Vehicle Safety Standard (FMVSS) No. 108, 6.4 lens area visibility, 6.4.2 Each backup lamp, single or combination of dual high-mounted stop lamp(s), and school bus signal lamp must meet the applicable visibility requirement specified in Table V-a. Additionally, The suspect vehicles do not conform to (FMVSS) No. 108 S6.2 Impairment, S6.2.2 If any required lamp or reflective device is obstructed by motor vehicle equipment (e.g., mirrors, snow plows, wrecker booms, backhoes, winches, etc.) including dealer installed equipment, and cannot meet the applicable photometry and visibility requirements, the vehicle must be equipped with an additional lamp or device of the same type which meet all applicable requirements of this standard, including photometry and visibility. Specifically, Navistar did not equip these vehicles with additional unobstructed back-up lamps

FMVSS 1 : 108 - Lamps, reflective devices, and assoc. Equipment

FMVSS 2 : NR

Description of the Safety Risk : Back-up lights that do not conform to all the requirements of FMVSS 108 while in bobtail mode and in reverse with obstructed back-up lamps may increase the risk of a vehicle crash.

Description of the Cause : The design validation of the original design over 20 years ago may have not included compliance to FMVSS 108, S6.4, S6.4.2, S6.2, S6.2.2.

Identification of Any Warning that can Occur : None

Involved Components :

Component Name 1 : Engineering Design

Component Description : Engineering Design

Component Part Number : Engineering Design

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

- 10/19/2022 – Navistar Engineering meets with Compliance and discusses review of back-up light configurations for future designs.
- 12/15/2022 – Navistar Engineering, Compliance, and Custom Engineering meet and based on current data collected, determine to expand the review to include all prior back-up light design releases. There are 44 different back-up light options.
- 12/16/2022 – Navistar revised order coding to block suspect feature code 01VAL until all back-up light feature codes could be investigated. No trucks with feature code 01VAL have been built since September 2020. Investigation into all backup-configurations continues.
- 02/03/2023 – Navistar Engineering, Compliance, and Customer Engineering meet to review the results of the investigation to date and determine feature codes 01WPL, 01WPS, and 01VAL may not meet FMVSS 108 visibility requirements and will require additional investigation.
- 03/13/2023 – Navistar completes development of a CAD template that can be used to verify FMVSS 108 is met. The CAD template allows for a constant method to verify the design.
- 03/20/2023 through 03/27/2023 – Navistar inspects two customer specific suspect vehicles with feature code 01VAL to verify they were built according to design. Both vehicles were determined to be modified after they left Navistar's assembly plant with the pintle hook moved to the lower position.
- 04/25/2023 – Navistar Engineering, Compliance, Regulatory Compliance, and Custom Engineering meet review the results of the two vehicles investigated and determines to verify the two remaining suspect feature codes.
- 05/10/2023 – Navistar determines the build range is from 2000 through 2020.
- 05/11/2023 – Navistar finalizes the suspect population and declares a Non-compliance Recall.

Description of Remedy :

- Description of Remedy Program :
- The remedy will involve replacing existing tail stop/turn signal lamps with tail stop/turn signal lamps with an integrated back-up lamp. In conjunction with the existing back up lamp, these new integrated tail lamps will meet the visibility requirements.
 - 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.

How Remedy Component Differs from Recalled Component : The remedy tail stop/turn signal lamps with integrated back-up lamp provides the additional unobstructed back-up lamps necessary to meet all applicable requirements of FMVSS 108, S6.4, 6.4.2, S6.2, S6.2.2 where the recalled design did not include the additional unobstructed back-up lamps.

Identify How/When Recall Condition was Corrected in Production : 12/16/2022 - Navistar revised order coding to prevent orders to be built that do not conform to FMVSS 108, S6.2, S6.2.2.

Recall Schedule :

Description of Recall Schedule : It is estimated that the Customer and Dealer notification letters will be mailed by 07/17/2023.

Planned Dealer Notification Date : JUL 17, 2023 - JUL 17, 2023

Planned Owner Notification Date : JUL 17, 2023 - JUL 17, 2023

* NR - Not Reported