

Part 573 Safety Recall Report

23V-353

Manufacturer Name : Navistar, Inc.**Submission Date :** JUL 27, 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 : 32,880
 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 inclusive dates of manufacture for the vehicles in the suspect population were determined when these feature code combinations were in production.
- 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 775 9100i model trucks in the suspect population.

Production Dates : JUN 09, 2000 - NOV 01, 2002

VIN Range 1 : Begin : NR **End :** NR Not sequential

Vehicle 2 : 2001-2010 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 inclusive dates of manufacture for the vehicles in the suspect population were determined when these feature code combinations were in production.
- 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 5,047 9200i model trucks in the suspect population.

Production Dates : JUN 09, 2000 - FEB 24, 2009

VIN Range 1 : Begin : NR **End :** NR Not sequential

Vehicle 3 : 2018-2024 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 inclusive dates of manufacture for the vehicles in the suspect population were determined when these feature code combinations were in production.
• 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 2,088 RH series trucks in the suspect population.

Production Dates : MAR 15, 2017 - JUL 18, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2008-2018 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 inclusive dates of manufacture for the vehicles in the suspect population were determined when these feature code combinations were in production.
• 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 6,449 ProStar model trucks in the suspect population.

Production Dates : SEP 28, 2006 - JUL 21, 2017

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 5 : 2004-2009 International 4400

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 inclusive dates of manufacture for the vehicles in the suspect population were determined when these feature code combinations were in production.
• 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 182 2004 thru 2009 4400 model trucks in the suspect population.

Production Dates : DEC 01, 2003 - OCT 17, 2008

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 6 : 2011-2012 International 4400

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 inclusive dates of manufacture for the vehicles in the suspect population were determined when these feature code combinations were in production.
• 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 2011 and 2012 4400 model trucks in the suspect population.

Production Dates : JUL 30, 2010 - SEP 09, 2011

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 7 : 2016-2016 International 4400

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 inclusive dates of manufacture for the vehicles in the suspect population were determined when these feature code combinations were in production.
• 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 is one (1) 2016 4400 model truck in the suspect population.

Production Dates : JAN 06, 2015 - JAN 06, 2015

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 8 : 2000-2003 International 8100

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 inclusive dates of manufacture for the vehicles in the suspect population were determined when these feature code combinations were in production.
• 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 590 8100 model trucks in the suspect population.

Production Dates : JAN 04, 2000 - AUG 30, 2002

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 9 : 2002-2007 International 8500

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 inclusive dates of manufacture for the vehicles in the suspect population were determined when these feature code combinations were in production.
• 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 17 2022 thru 2007 8500 model trucks in the suspect population.

Production Dates : AUG 24, 2001 - SEP 26, 2006

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 10 : 2009-2009 International 8500

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 inclusive dates of manufacture for the vehicles in the suspect population were determined when these feature code combinations were in production.
• 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 is one (1) 2009 8500 model truck in the suspect population.

Production Dates : AUG 07, 2008 - AUG 07, 2008

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 11 : 2003-2018 International 8600

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 inclusive dates of manufacture for the vehicles in the suspect population were determined when these feature code combinations were in production.
• 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 8,075 8600 model trucks in the suspect population.

Production Dates : JUN 27, 2002 - DEC 08, 2017

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 12 : 2001-2007 International 9400i
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 inclusive dates of manufacture for the vehicles in the suspect population were determined when these feature code combinations were in production.
• 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 420 9400i model trucks in the suspect population.

Production Dates : MAR 14, 2000 - MAR 19, 2007

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 13 : 2003-2007 International 9900i
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 inclusive dates of manufacture for the vehicles in the suspect population were determined when these feature code combinations were in production.
• 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 440 2003 thru 2007 9900i model trucks in the suspect population.

Production Dates : AUG 19, 2002 - MAR 14, 2007

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 14 : 2013-2013 International 9900i
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 inclusive dates of manufacture for the vehicles in the suspect population were determined when these feature code combinations were in production.
• 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 two (2) 2013 9900i model trucks in the suspect population.

Production Dates : DEC 23, 2011 - MAY 30, 2012

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 15 : 2004-2004 International 9900iX
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 inclusive dates of manufacture for the vehicles in the suspect population were determined when these feature code combinations were in production.
• 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 two (2) 2004 9900iX model trucks in the suspect population.

Production Dates : APR 10, 2003 - APR 10, 2003

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 16 : 2007-2007 International 9900iX
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 inclusive dates of manufacture for the vehicles in the suspect population were determined when these feature code combinations were in production.
• 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 two (2) 2007 9900iX model trucks in the suspect population.

Production Dates : JUN 23, 2006 - JAN 29, 2007

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 17 : 2010-2011 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 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 inclusive dates of manufacture for the vehicles in the suspect population were determined when these feature code combinations were in production.
• 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 five (5) 2010 and 2012 LoneStar model trucks in the suspect population.

Production Dates : JAN 06, 2009 - NOV 24, 2010

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 18 : 2013-2013 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 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 inclusive dates of manufacture for the vehicles in the suspect population were determined when these feature code combinations were in production.
• 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 two (2) 2013 LoneStar model trucks in the suspect population.

Production Dates : APR 11, 2012 - MAY 25, 2012

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 19 : 2016-2016 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 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 inclusive dates of manufacture for the vehicles in the suspect population were determined when these feature code combinations were in production.
• 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 four (4) 2016 LoneStar model trucks in the suspect population.

Production Dates : JAN 29, 2015 - AUG 10, 2015

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 20 : 2019-2021 International LS
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 inclusive dates of manufacture for the vehicles in the suspect population were determined when these feature code combinations were in production.
• 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 11 LS series trucks in the suspect population.

Production Dates : MAR 02, 2018 - DEC 10, 2020

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 21 : 2017-2024 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 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 inclusive dates of manufacture for the vehicles in the suspect population were determined when these feature code combinations were in production.
• 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 8,936 LT series trucks in the suspect population.

Production Dates : MAY 18, 2016 - JUL 18, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 22 : 2019-2024 International MV
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 inclusive dates of manufacture for the vehicles in the suspect population were determined when these feature code combinations were in production.
• 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 72 MV series trucks in the suspect population.

Production Dates : FEB 27, 2018 - JUN 27, 2023

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 : Tow hook and mounting

Component Description : Pintle hook, includes mounting bracket for lowering pintle hook

Component Part Number : Vehicle Feature code 01WPN, 01WPS or 01VAL

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.

Additional Chronology Exceeds the 2000 character limit and will be submitted as a miscellaneous Document

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 :
- 07/20/2023 – Navistar revised order coding to block all affected feature code combinations 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 for expanded population will be mailed by 09/25/2023..

Planned Dealer Notification Date : SEP 25, 2023 - SEP 25, 2023

Planned Owner Notification Date : SEP 25, 2023 - SEP 25, 2023

* NR - Not Reported