

Part 573 Safety Recall Report

23V-248

Manufacturer Name : Navistar, Inc.**Submission Date :** JUN 01, 2023**NHTSA Recall No. :** 23V-248**Manufacturer Recall No. :** 23510**Manufacturer Information :**

Manufacturer Name : Navistar, Inc.

Address : 2701 Navistar Drive

Lisle IL 60532

Company phone : 331-332-1590

Population :

Number of potentially involved : 42,054

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2017-2019 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 factory installed Heating/Ventilating/Air Conditioning (HVAC) system.
- The inclusive dates of manufacture were determined by when Navistar began use of Power Distribution Center (PDC) main cab harness with low current terminal in HVAC blower motor circuit through when Navistar began use of PDC main cab harness with correct high current terminal in HVAC blower motor circuit.
- The vehicles in the suspect population were built with PDC main cab harness with low current terminal in HVAC blower motor circuit and all similar vehicles not subject to this recall were built with PDC main cab harness with correct high current terminal in HVAC blower motor circuit.

There are 2,436 ProStar model trucks in the suspect population.

Production Dates : JAN 13, 2016 - MAR 02, 2018

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2017-2020 International DuraStar
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES
Body Style : OTHER
Power Train : DIESEL

Descriptive Information : • The suspect population is identified by models equipped with factory installed Heating/Ventilating/Air Conditioning (HVAC) system.
• The inclusive dates of manufacture were determined by when Navistar began use of Power Distribution Center (PDC) main cab harness with low current terminal in HVAC blower motor circuit through when Navistar began use of PDC main cab harness with correct high current terminal in HVAC blower motor circuit.
• The vehicles in the suspect population were built with PDC main cab harness with low current terminal in HVAC blower motor circuit and all similar vehicles not subject to this recall were built with PDC main cab harness with correct high current terminal in HVAC blower motor circuit.

There are 30,515 DuraStar model trucks in the suspect population

Production Dates : NOV 28, 2016 - DEC 20, 2019

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

Vehicle 3 : 2017-2020 International WorkStar
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES
Body Style : OTHER
Power Train : DIESEL

Descriptive Information : • The suspect population is identified by models equipped with factory installed Heating/Ventilating/Air Conditioning (HVAC) system.
• The inclusive dates of manufacture were determined by when Navistar began use of Power Distribution Center (PDC) main cab harness with low current terminal in HVAC blower motor circuit through when Navistar began use of PDC main cab harness with correct high current terminal in HVAC blower motor circuit.
• The vehicles in the suspect population were built with PDC main cab harness with low current terminal in HVAC blower motor circuit and all similar vehicles not subject to this recall were built with PDC main cab harness with correct high current terminal in HVAC blower motor circuit.

There are 8,512 WorkStar model trucks in the suspect population

Production Dates : JAN 19, 2016 - DEC 04, 2019

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

Vehicle 4 : 2016-2017 International TranStar
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES
Body Style : OTHER
Power Train : DIESEL

Descriptive Information : • The suspect population is identified by models equipped with factory installed Heating/Ventilating/Air Conditioning (HVAC) system.
• The inclusive dates of manufacture were determined by when Navistar began use of Power Distribution Center (PDC) main cab harness with low current terminal in HVAC blower motor circuit through when Navistar began use of PDC main cab harness with correct high current terminal in HVAC blower motor circuit.
• The vehicles in the suspect population were built with PDC main cab harness with low current terminal in HVAC blower motor circuit and all similar vehicles not subject to this recall were built with PDC main cab harness with correct high current terminal in HVAC blower motor circuit.
There are 263 TranStar model trucks in the suspect population.

Production Dates : DEC 14, 2015 - APR 12, 2016

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 5 : 2018-2019 IC Bus HC Commercial Bus
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES
Body Style : OTHER
Power Train : DIESEL

Descriptive Information : • The suspect population is identified by models equipped with factory installed Heating/Ventilating/Air Conditioning (HVAC) system.
• The inclusive dates of manufacture were determined by when Navistar began use of Power Distribution Center (PDC) main cab harness with low current terminal in HVAC blower motor circuit through when Navistar began use of PDC main cab harness with correct high current terminal in HVAC blower motor circuit.
• The vehicles in the suspect population were built with PDC main cab harness with low current terminal in HVAC blower motor circuit and all similar vehicles not subject to this recall were built with PDC main cab harness with correct high current terminal in HVAC blower motor circuit.
There are 134 HC Commercial buses in the suspect population.

Production Dates : AUG 07, 2017 - OCT 25, 2018

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The HVAC blower motor circuit on the load side of the circuit breaker in the PDM may have been assembled with a wire terminal that does not meet the continuous electrical current load requirement. This can cause over-heating that may melt the plastic material of the terminal block for the HVAC circuit and cause subsequent thermal damage of the surrounding area of the PDM and or dash panels.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A wiring terminal that does not meet the continuous electrical current load requirement of the HVAC blower motor circuit can cause a fire that may result in property damage to the vehicle and/or personal injury or death to the vehicle operator.

Description of the Cause : The supplier did not use the Navistar specified wire terminal for the HVAC blower motor load circuit. A terminal which fit physically into the terminal block but could not meet the continuous electrical current load requirement was substituted to a different part number. In the supplier's system it indicated that both part numbers could be used as they were the same style and for the same gauge wire. The supplier did not take into account the continuous amperage load capability required of the HVAC blower motor circuit.

Identification of Any Warning that can Occur : None.

Involved Components :

Component Name 1 : Wire terminal

Component Description : Terminal, Electrical, Cable

Component Part Number : 3536590C1

Supplier Identification :

Component Manufacturer

Name : MSSL Wiring System Inc. (MSSL)

Address : Prolongación Isidro

Lopez Zertuche # 1950 Colonia Capellania Ramos Arizpe Coahuila, CP Foreign States 25900

Country : Mexico

Chronology :

The 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 the HVAC blower motor load circuit wiring terminal with correct terminal pigtail that meets the continuous electrical current load requirement and all fuse blocks found with thermal damage.
 - 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 wire terminal meets the continuous electrical current load requirement where the recalled wire terminal does not.

Identify How/When Recall Condition was Corrected in Production : 01/06/2020 – Navistar begins use of a redesigned PDM cab harness assembly.

Recall Schedule :

Description of Recall Schedule : It is estimated that the Customer and Dealer notification letters will be mailed by 06/05/2023.

Planned Dealer Notification Date : JUN 05, 2023 - JUN 05, 2023

Planned Owner Notification Date : JUN 05, 2023 - JUN 05, 2023

* NR - Not Reported