

# Part 573 Safety Recall Report

## 22V-834

**Manufacturer Name :** Navistar, Inc.**Submission Date :** NOV 10, 2022**NHTSA Recall No. :** 22V-834**Manufacturer Recall No. :** 22521**Manufacturer Information :****Population :**

Manufacturer Name : Navistar, Inc.

Number of potentially involved : 10

Address : 2701 Navistar Drive

Estimated percentage with defect : 10 %

Lisle IL 60532

Company phone : 331-332-1590

**Vehicle Information :**

Vehicle 1 : 2023-2023 International MV

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 14AKL Meritor MS-19-13X-3DFR single rear axle with "R" hubs or 14AWB Dana Spicer 2060S single rear axle with "R" hubs.
- The inclusive dates of manufacture were determined by the build date of the unit that experienced a failure in the field and the date the last vehicle in the suspect population was built with this option.
- The vehicles in the suspect population were built with feature code 14AKL Meritor MS-19-13X-3DFR single rear axle with "R" hubs or 14AWB Dana Spicer 2060S single rear axle with "R" hubs and all similar vehicles not subject to this recall were not.

There are 10 MV series trucks in the suspect population.

Production Dates : APR 14, 2022 - JUL 22, 2022

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential**Description of Defect :**

**Description of the Defect :** The locking clips of the wheel hub retaining nut may have been damaged during installation allowing the retaining nut to work loose and result in eventual hub separation from the axle housing.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** A wheel hub that separates from the axle housing may increase the risk of a vehicle crash.

**Description of the Cause :** The work instructions for non-standard work did not include details for proper

orientation of the socket and there was no validation the locking tabs were properly engaged.

Identification of Any Warning that can Occur : The vehicle operator may experience a vibration from the rear of the vehicle prior to wheel hub separation.

### Involved Components :

Component Name 1 : Axilock retaining nut

Component Description : Wheel hub retaining nut

Component Part Number : 2032055C1

### Supplier Identification :

#### Component Manufacturer

Name : N/A - Assembly issue

Address : NR

NR

Country : NR

### Chronology :

- 10/12/2022 – Navistar Compliance notified a chassis enroute to a body builder experienced a wheel hub separation.
- 10/17/2022 – Navistar Manufacturing quarantines potential suspect vehicles at the manufacturing plants and communicates the issue to Compliance.
- 10/25/2022 – Navistar Compliance, Aftersales, and Quality meet to determine the impact to International vehicles.
- 11/02/2022 – Navistar Compliance finalizes the suspect population.
- 11/02/2022 – Navistar Aftersales initiates field inspections of the 10 suspect units in the field.
- 11/3/2022 – Navistar declares a Safety Recall.

**Description of Remedy :**

- Description of Remedy Program :
- The remedy will involve inspecting the hub retaining nuts for damaged locking fingers and replacing any nut found with damaged fingers.
  - 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 assembly involves verifying the locking fingers of the axilock nut are properly engaged where the original assembly process did not inspect for proper locking finger engagement.

Identify How/When Recall Condition was Corrected in Production : 10/12/2022 – Navistar manufacturing began use of updated work instructions that included details for proper insertion of nut to socket and verification the axilock nut locking fingers were properly engaged.

**Recall Schedule :**

Description of Recall Schedule : It is estimated that the Customer and dealer notification letters will be mailed by 01/09/2023.

Planned Dealer Notification Date : JAN 09, 2023 - JAN 09, 2023

Planned Owner Notification Date : JAN 09, 2023 - JAN 09, 2023

\* NR - Not Reported

# Part 573 Safety Recall Report

## 22V-849

**Manufacturer Name :** Navistar, Inc.**Submission Date :** NOV 17, 2022**NHTSA Recall No. :** 22V-849**Manufacturer Recall No. :** 22522**Manufacturer Information :**

Manufacturer Name : Navistar, Inc.

Address : 2701 Navistar Drive  
Lisle IL 60532

Company phone : 331-332-1590

**Population :**

Number of potentially involved : 95

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2021-2023 International MV

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : HYBRID ELECTRIC

- Descriptive Information :
- The suspect population is identified by models equipped with feature codes 0008TLC (210 kWh Total Battery Capacity) or 0008TLD (315 kWh Total Battery Capacity).
  - The exclusive dates of manufacture were determined by when feature codes 0008TLC or 0008TLD went into production through when the issue was corrected in production.
  - The vehicles in the suspect population were built with incorrect identification marking tape on high voltage positive cables from the battery packs to the manual service disconnects (MSDs) and all similar vehicles outside the suspect population were built with the correct identification marking tape.
- There are 95 Electric MV series trucks in the suspect population

Production Dates : DEC 08, 2020 - OCT 14, 2022

VIN Range 1 : Begin : NR

End : NR

☐ Not sequential**Description of Defect :**

Description of the Defect : The high voltage positive cables from the battery packs to the MSDs may have incorrect identification marking tape, blue in color, that indicates a lower level 2 isolation (MSD removal) instead of white in color, indicating a level 3 isolation (battery fuse removal).

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : An incorrectly identified cable may indicate to a first responder, technician, or customer that the cable is deenergized, when it may not be, possibly

Description of the Cause : increasing the risk of electrical shock resulting in personal injury or death.  
When the design of the vehicle was updated to include remote mounted MSD's, the color of this cable was inadvertently not changed to reflect its correct level of isolation.

Identification of Any Warning that can Occur : None

### Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

### Supplier Identification :

#### Component Manufacturer

Name : N/A – Engineering issue; not supplier

Address : NR

NR

Country : NR

### Chronology :

- 10/14/2022 – Navistar's eMobility group meets with Engineering, R&Q, After Sales, and Compliance to discuss the issue and initiates investigation to determine the impact to International and IC vehicles.
- 10/18/2022 – Navistar Manufacturing contains the issue at all assembly plants.
- 11/07/2022 – Navistar finalizes the suspect population.
- 11/10/2022 – Navistar declares a Safety Recall.

## Description of Remedy :

Description of Remedy Program :	<ul style="list-style-type: none"> <li>The remedy will involve level 3 isolation necessary to remove the battery cables from the battery packs to the MSDs, remove the incorrect identification marking tape (blue) and install the correct identification marking tape (white) and corresponding warning labels, and reinstall the cables.</li> <li>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.</li> </ul>
How Remedy Component Differs from Recalled Component :	The remedy involves installation of correct identification marking tape (white) and warning labels for level 3 isolation, where the recalled identification marking tape (blue) and warning labels were indicated only level 2 isolation.
Identify How/When Recall Condition was Corrected in Production :	10/18/2022 – Navistar manufacturing began use of high voltage positive cables from the battery packs to the MSDs with the correct white identification tape.

## Recall Schedule :

Description of Recall Schedule :	It is estimated that the Customer and dealer notification letters will be mailed by 01/09/2023.
Planned Dealer Notification Date :	JAN 09, 2023 - JAN 09, 2023
Planned Owner Notification Date :	JAN 09, 2023 - JAN 09, 2023

\* NR - Not Reported