

Part 573 Safety Recall Report

22V-850

Manufacturer Name : Navistar, Inc.**Submission Date :** NOV 22, 2022**NHTSA Recall No. :** 22V-850**Manufacturer Recall No. :** 22523**Manufacturer Information :**

Manufacturer Name : Navistar, Inc.

Address : 2701 Navistar Drive

Lisle IL 60532

Company phone : 331-332-1590

Population :

Number of potentially involved : 149

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2022-2023 IC EV school bus

Vehicle Type : BUSES, MEDIUM & 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 008TLD 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 149 EV school buses in the suspect population

Production Dates : OCT 13, 2020 - OCT 18, 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 : Cable; HV Battery

Component Description : A3 MSD2 OUT TO SBOX LWB

Component Part Number : 4304601C92

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.
- 11/22/2022 – To date, there have been no warranty claims, field service reports, or any other data related to this issue.

Description of Remedy :

- Description of Remedy Program :
- 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.
 - 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 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