

Part 573 Safety Recall Report

23V-154

Manufacturer Name : Navistar, Inc.**Submission Date :** MAR 08, 2023**NHTSA Recall No. :** 23V-154**Manufacturer Recall No. :** 23506**Manufacturer Information :****Manufacturer Name :** Navistar, Inc.**Address :** 2701 Navistar Drive
Lisle IL 60532**Company phone :** 331-332-1590**Population :****Number of potentially involved :** 791**Estimated percentage with defect :** 5 %**Vehicle Information :****Vehicle 1 :** 2023-2023 International HV**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 08TTR, 08VUL, or 08VUX (Battery Box, steel, with plastic cover).
- The inclusive dates of manufacture were determined by when the San Antonio manufacturing plant began production of the HV® and MV® series trucks through the date the issue was contained in production.
- The vehicles in the suspect population were assembled at the San Antonio assembly plant and all other similar vehicles not in the suspect population were assembled at Navistar's other manufacturing plants.

There are 5 HV series trucks in the suspect population.

Production Dates : APR 29, 2022 - JUN 30, 2022**VIN Range 1 : Begin :**

NR

End : NR☐ Not sequential

Vehicle 2 : 2023-2024 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 08TTR, 08VUL, or 08VUX (Battery Box, steel, with plastic cover).
• The inclusive dates of manufacture were determined by when the San Antonio manufacturing plant began production of the HV® and MV® series trucks through the date the issue was contained in production.
• The vehicles in the suspect population were assembled at the San Antonio assembly plant and all other similar vehicles not in the suspect population were assembled at Navistar’s other manufacturing plants.
There are 786 MV series trucks in the suspect population.

Production Dates : FEB 24, 2022 - JAN 04, 2023
VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Description of Defect :

Description of the Defect : The battery box to mounting bracket assembly bolts may not be present or tightened to their specified assembly torque value which can result in battery box separation from the vehicle under certain rough road conditions.
FMVSS 1 : NR
FMVSS 2 : NR
Description of the Safety Risk : A battery box that separates from a vehicle can increase the risk of a vehicle crash resulting in property damage, personal injury, or death.
Description of the Cause : The cause of the defect is still under investigation.
Identification of Any Warning that can Occur : None

Involved Components :

Component Name 1 : Bolt
Component Description : BOLT HEX FLG HD M16-2 X 30
Component Part Number : 3536430C1

Supplier Identification :

Component Manufacturer

Name : NR
Address : NR
NR
Country : NR

Chronology :

- 01/05/2023 – Navistar manufacturing initiates ship hold at the San Antonio manufacturing plant when a battery box fell off its mounting brackets to a vehicle while the vehicle was decked onto another vehicle for transport and communicates the issue to Compliance.
- 01/10/2023 – Navistar Manufacturing and Compliance meet to review the issue.
- 01/11/2023 through 01/17/2023 – Navistar investigates and determines the potentially affected battery box styles.
- 01/17/2023 through 02/27/2023 – Navistar inspects and repairs the quarantined vehicles at the manufacturing plant.
- 02/14/2023 and 02/15/2023 Navistar meets with their truck transport company for additional information related to the fallen battery box that occurred on 01/05/2023.
- 02/14/2023 through 02/22/2023 – Navistar Engineering performs battery box mounting tests and concludes all four fasteners between the battery box and battery box mounting bracket and/or the bolts tightened to their specified torque value, are required to meet the design life.
- 02/28/2023 – Navistar determines the suspect vehicle population.
- 03/02/2023 – Navistar declares a Safety Recall.

Description of Remedy :

Description of Remedy Program :	<ul style="list-style-type: none">The remedy will involve replacing all missing battery box to battery box mounting bracket bolts and tightening all four bolts to their specified torque value.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 replacing any missing bolts and tightening the four bolts to their specified torque value and the recalled assembly did not validate this process.
Identify How/When Recall Condition was Corrected in Production :	01/05/2023 – Navistar revises work instructions to include witness marks to each bolt that has attained correct assembly torque specification and a second witness mark at quality inspection.

Recall Schedule :

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

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

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

* NR - Not Reported