

# Part 573 Safety Recall Report

## 24V-556

**Manufacturer Name :** Navistar, Inc.**Submission Date :** JUL 25, 2024**NHTSA Recall No. :** 24V-556**Manufacturer Recall No. :** 24511**Manufacturer Information :**

Manufacturer Name : Navistar, Inc.

Address : 2701 Navistar Drive  
Lisle IL 60532

Company phone : 331-332-1590

**Population :**

Number of potentially involved : 532

Estimated percentage with defect : 20 %

**Vehicle Information :**

Vehicle 1 : 2025-2025 International HV

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

**Descriptive Information :** Meritor supplied a list of suspect MFS Series Front Non-Drive axle serial numbers delivered to Navistar manufacturing facilities. These serial numbers were matched to their respective VINs to determine the suspect population and dates of vehicle manufacture.

Vehicles involved in this recall have a suspect front axle serial number delivered to Navistar by Meritor. Those not subject to the recall do not.

Production Dates : APR 26, 2024 - JUL 02, 2024

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 2 : 2025-2025 International HX

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

**Descriptive Information :** Meritor supplied a list of suspect MFS Series Front Non-Drive axle serial numbers delivered to Navistar manufacturing facilities. These serial numbers were matched to their respective VINs to determine the suspect population and dates of vehicle manufacture.

Vehicles involved in this recall have a suspect front axle serial number delivered to Navistar by Meritor. Those not subject to the recall do not.

Production Dates : APR 30, 2024 - JUN 25, 2024

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 3 : 2025-2025 International LT

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Meritor supplied a list of suspect MFS Series Front Non-Drive axle serial numbers delivered to Navistar manufacturing facilities. These serial numbers were matched to their respective VINs to determine the suspect population and dates of vehicle manufacture

Vehicles involved in this recall have a suspect front axle serial number delivered to Navistar by Meritor. Those not subject to the recall do not

Production Dates : APR 16, 2024 - JUL 02, 2024

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 4 : 2025-2025 International MV

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Meritor supplied a list of suspect MFS Series Front Non-Drive axle serial numbers delivered to Navistar manufacturing facilities. These serial numbers were matched to their respective VINs to determine the suspect population and dates of vehicle manufacture.

Vehicles involved in this recall have a suspect front axle serial number delivered to Navistar by Meritor. Those not subject to the recall do not.

Production Dates : APR 26, 2024 - JUL 04, 2024

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 5 : 2025-2025 International RH

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Meritor supplied a list of suspect MFS Series Front Non-Drive axle serial numbers delivered to Navistar manufacturing facilities. These serial numbers were matched to their respective VINs to determine the suspect population and dates of vehicle manufacture.

Vehicles involved in this recall have a suspect front axle serial number delivered to Navistar by Meritor. Those not subject to the recall do not.

Production Dates : APR 17, 2024 - JUN 26, 2024

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect :	Certain ball studs supplied to Meritor by a third-party supplier, USK International, and which Meritor incorporated into certain steer axles and replacement tie rod assemblies, did not meet case hardening specifications, and there is a risk that the ball studs could be more brittle than intended.
FMVSS 1 :	NR
FMVSS 2 :	NR
Description of the Safety Risk :	If a ball stud is more brittle than expected, it could break, which could affect vehicle steering and could increase the risk of a crash.
Description of the Cause :	USK International introduced experimental ball studs from an unapproved heat treat process into production assemblies
Identification of Any Warning that can Occur :	None Known

Involved Components :

Component Name 1 :	Ball Stud
Component Description :	Connects left and right hand steering knuckle
Component Part Number :	Multiple

Supplier Identification :

<b>Component Manufacturer</b>	
Name :	Cummins Drivetrain and Braking Systems
Address :	2135 West Maple Troy Michigan 48084
Country :	United States

Chronology :

07/08/2024 – Meritor communicates to Navistar findings that certain Meritor steer axle assemblies built with USK International’s tie rod ball studs were manufactured with less than the required hardness.
7/08/2024 thru 7/17/2024: Navistar initiates ship hold of steer axles and vehicles at the assembly plants, finding 400 suspect date code tie rod assemblies out of 3,019 possible vehicles, and established the clean point at Escobedo and San Antonio assembly plants.

07/17/2024 – Navistar finalizes the suspect population.

07/18/2024 – Navistar declares a Safety Recall.

Description of Remedy :

Description of Remedy Program :	The remedy will involve replacing the tie rod ends on a tie rod with a suspect date code and re-aligning the front axle.
	Navistar’s plan for reimbursement of pre-notification remedies, on file with NHTSA and dated 06/07/2024, applies and reimbursement instructions will be included in the customer notification.
How Remedy Component Differs from Recalled Component :	The recalled components were experimental parts manufactured utilizing an unapproved heat treat process that the supplier inadvertently introduced into production. The remedy components will be produced to intended specification.
Identify How/When Recall Condition was Corrected in Production :	The recall condition does not exist in production. The supplier inadvertently introduced experimental ball studs from an unapproved heat treat process into production assemblies. Meritor understands that the supplier is initiating an internal review to implement corrective actions and avoid reoccurrence when handling experimental materials and processes.

Recall Schedule :

Description of Recall Schedule :	When parts are available, remedy instructions and owner notifications will be distributed. Tentative schedule as indicated.
Planned Dealer Notification Date :	SEP 02, 2024 - SEP 02, 2024
Planned Owner Notification Date :	SEP 09, 2024 - SEP 09, 2024

\* NR - Not Reported