

Part 573 Safety Recall Report

24V-556

Manufacturer Name : Navistar, Inc.**Submission Date :** SEP 12, 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 : 573

Estimated percentage with defect : 20 %

Vehicle Information :

Vehicle 1 : 2025-2025 International HV

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 02, 2024

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2025-2025 International HX

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 30, 2024 - JUL 05, 2024

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 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

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 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 04, 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 :**Component Manufacturer**

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.

09/03/2024- Revised recall schedule due to holiday.

09/12/2024- Revised defect report with new population. Relevant chronology dates for this revision are below.

8/23/2024 – Axle supplier who was performing inspections and repairs to suspect units notifies Navistar that they cannot locate 40 vehicles. Navistar Supplier Quality reviews the records of the 40 units and determines that they were not placed on hold.

8/28/2024 – Navistar confirmed additional suspect population.

9/5/2024 – Navistar approved to extend the population for 24511.

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. Schedule as indicated. • Owners of vehicles in updated population will be notified by 10/09/2024.

Planned Dealer Notification Date : SEP 03, 2024 - SEP 03, 2024

Planned Owner Notification Date : SEP 09, 2024 - OCT 09, 2024

* NR - Not Reported