

Part 573 Safety Recall Report

24V-463

Manufacturer Name : Navistar, Inc.**Submission Date :** JUN 20, 2024**NHTSA Recall No. :** 24V-463**Manufacturer Recall No. :** 24510**Manufacturer Information :**

Manufacturer Name : Navistar, Inc.

Address : 2701 Navistar Drive

Lisle IL 60532

Company phone : 331-332-1590

Population :

Number of potentially involved : 3

Estimated percentage with defect : 33 %

Vehicle Information :

Vehicle 1 : 2025-2025 IC Bus CE SBUS

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Dana Incorporated supplied a list of suspect D and E Series front axle assembly 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 Dana. Those not subject to the recall do not.

Production Dates : MAY 16, 2024 - MAY 28, 2024

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : As reported in Dana Incorporated's defect report for recall 24E-048, "Certain ball studs supplied to Dana by a third-party supplier, USK International, and which Dana 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 : As reported in Dana Incorporated's defect report for recall 24E-048, "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 : As reported in Dana Incorporated's defect report for recall 24E-048, "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 knuckles

Component Part Number : Various

Supplier Identification :

Component Manufacturer

Name : Dana Incorporated

Address : 3939 Technology Drive
Maumee Ohio 43537

Country : United States

Chronology :

- 06/03/2024 – Dana communicates to Navistar findings that certain Dana steer axle assemblies built with USK International’s tie rod ball studs were manufactured with less than the required hardness.
- 6/05/2024 thru 6/12/2024: Navistar initiates ship hold on of all steer axles and vehicles at the assembly plants, finding 414 suspect date code tie rod assemblies out of 1,998 possible vehicles, and established the clean point at Escobedo, San Antonio and Tulsa assembly plants.
- 6/07/2024: USK communicates to Navistar that drag links provided to Navistar were not affected by this defect.
- 06/11/2024 – Navistar receives Dana’s defect report for 24E-048. Dana also communicates to Navistar that suspect tie rod assemblies containing the suspect ball studs were shipped to Navistar’s aftermarket part distribution centers.
- 6/12/2024: Navistar’s aftermarket part distribution centers place suspect tie rod assembly part numbers on quarantine.
- 06/12/2024 – Navistar finalizes the suspect population.
- 06/13/2024 – 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 : | As reported in Dana Incorporated's defect report for recall 24E-048, "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 : | As reported in Dana Incorporated's defect report for recall 24E-048, "The recall condition does not exist in production. The supplier inadvertently introduced experimental ball studs from an unapproved heat treat process into production assemblies. Dana 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 : | AUG 05, 2024 - AUG 05, 2024 |
| Planned Owner Notification Date : | AUG 12, 2024 - AUG 12, 2024 |

* NR - Not Reported