

Part 573 Safety Recall Report

24V-423

Manufacturer Name : Volvo Trucks North America**Submission Date :** JUN 09, 2024**NHTSA Recall No. :** 24V-423**Manufacturer Recall No. :** RVXX2404**Manufacturer Information :**

Manufacturer Name : Volvo Trucks North America

Address : 7900 National Service Road

Greensboro NC 27409

Company phone : 800 528 6586

Population :

Number of potentially involved : 3

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2025-2025 Volvo VN

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The recall population is defined by vehicles built May 03, 2024 that may have been built with suspect tie rod ends.

There are 3 Volvo VN Model Year 2025 impacted vehicles.

Production Dates : MAY 03, 2024 - MAY 03, 2024

VIN Range 1 : Begin : 4V4NC9EH4SN672170 End : 4V4NC9EH8SN672172 Not sequential**Description of Defect :**

Description of the Defect : Vehicles may have been built with front axle assemblies whose tie rod ends may have a ball stud with improper heat treatment.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Failure of the ball stud could result in a sudden loss of steering control which increases the risk of a crash.

Description of the Cause : Front axle assembly supplier's tier 2 mixed improperly hardened ball studs, resulting from experimental heat treatment process, with production-ready ball studs shipped to manufacturers.

Identification of Any Warning that can Occur : There is no warning prior to occurrence.

Involved Components :

Component Name 1 : Axle Assembly

Component Description : Front

Component Part Number : 23057996

Supplier Identification :

Component Manufacturer

Name : Dana Incorporated

Address : 6515 Maumee Western
Maumee Ohio 43537

Country : United States

Chronology :

June 3, 2024 Volvo was notified by Dana Incorporated, that they received experimental ball studs in error from their Tier 2 Supplier. Volvo trucks initiates efforts to identify vehicles impacted by this issue.

June 7, 2023 Product Safety Committee meets and determines that a product safety defect exists. The committee also determined that owners must be notified and strongly recommended to not drive their vehicles until repairs have been completed.

There have been no accidents or injuries associated with this issue, there have been no warranty, or customer complaints.

Description of Remedy :

Description of Remedy Program : Vehicles will be recalled. The remedy will consist of an inspection for the impacted date range. Any suspect tie rod ends will be replaced. Reimbursement for the recall will be covered by Manufacturer's Reimbursement Plan on file with NHTSA.

How Remedy Component Differs from Recalled Component : Remedied component will have a properly heat treated ball stud. P/N 10036700 Tie Rod Assembly

Identify How/When Recall Condition was Corrected in Production : An Internal Campaign was launched to correct vehicles in production June 5, 2024.

Recall Schedule :

Description of Recall Schedule : Dealer notification will begin on June 12, 2024 and owner notification will begin on or before July 05, 2024.

Planned Dealer Notification Date : JUN 12, 2024 - JUN 12, 2024

Planned Owner Notification Date : JUL 05, 2024 - JUL 05, 2024

* NR - Not Reported