

# Part 573 Safety Recall Report

## 24E-064

**Manufacturer Name :** Volvo Trucks North America

**Submission Date :** AUG 05, 2024

**NHTSA Recall No. :** 24E-064

**Manufacturer Recall No. :** RVXX2406



### 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 :** 23

**Estimated percentage with defect :** 1 %

### Equipment Information :

**Brand / Trade 1 :** Meritor

**Model :** Replacement Tie Rods

**Part No. :** A13102E4737

**Size :** NA

**Function :** Steering

**Descriptive Information :** As described in Meritor's Recall 24E062, this recall involves replacement tie rods produced on 4/19/2024 for Meritor that were equipped with ball studs that do not meet specifications. The recall population is those parts determined by Meritor based upon manufacturing date and parts shipment to our dealerships including Meritor part number and manufacturing date code. 22 parts in total were shipped dealers directly from Meritor.

**Production Dates :** APR 19, 2024 - APR 19, 2024

**Brand / Trade 2 :** Meritor

**Model :** Replacement Tie Rods

**Part No. :** A13102E4738

**Size :** NA

**Function :** Steering

**Descriptive Information :** As described in 24E062, this recall involves replacement tie rods produced on 4/19/2024 for Meritor that were equipped with ball studs that do not meet specifications. The recall population is those parts determined by Meritor based manufacturing date and parts shipment to our dealerships including Meritor part number and manufacturing date code. 1 part(s) in total was shipped dealers directly from Meritor.

**Production Dates :** APR 19, 2024 - APR 19, 2024

**Description of Defect :**

Description of the Defect : As described in Meritor's Recall 24E062, the ball studs on certain tie rod assemblies supplied to Meritor and subsequently to Volvo may not meet the case hardening specifications for these parts. As a consequence, the subject ball studs may be more susceptible to fracture.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Depending upon operating conditions, a ball stud fracture may lead to a loss of vehicle steering, which may increase the risk of a vehicle crash.

Description of the Cause : As described in 24E062, USK International introduced experimental ball studs from an unapproved heat treatment process into production facilities.

Identification of Any Warning that can Occur : There are no warnings associated with this issue.

**Involved Components :**

Component Name : Ball Stud /Assembled into tie rod ends

Component Description : Connects left-and right-hand steering knuckle

Component Part Number : A-13102E4737

Component Name : Ball Stud /Assembled into tie rod ends

Component Description : Connects left-and right-hand steering knuckle

Component Part Number : A-13102E4738

**Supplier Identification :****Component Manufacturer**

Name : Cummins Drivetrain and Braking Systems

Address : 2135 West Maple  
Troy Michigan 48084

Country : United States

**Chronology :**

July 29, 2024 Volvo Product Safety Office is informed officially that Meritor has filed an equipment recall relative to USK manufactured tie rod ends in aftermarket parts

August 1, 2024 Volvo Product Safety Committee meets and determines that a defect exists in parts sold to the aftermarket from Meritor and that a equipment recall will be filed.

August 6, 2024 Volvo files an equipment DIR with NHTSA.

There have been no warranty claims, field reports, accidents or injuries reported with this issue.

Description of Remedy :

Description of Remedy Program :	An equipment recall will be conducted.  Volvo dealers that were shipped suspect parts by Meritor directly will be notified of the recall and associated information so they can take action to return suspect parts or if suspect parts were installed in the aftermarket, they can reach out to those customers impacted.  Reimbursement for the recall will be covered by Manufacturer's Reimbursement Plan on file with NHTSA.
How Remedy Component Differs from Recalled Component :	As described in 24E062, 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 described in 24E062, the recall condition does not exist in production. The supplier in-advertently introduced experimental ball studs from an unapproved heat treat process into production assemblies.

Recall Schedule :

Description of Recall Schedule :	Dealer notice will begin on or before August 8, 2024 and we will notify each dealership individually where parts were shipped directly to by Meritor as owner notification on or before October 4, 2024.
Planned Dealer Notification Date :	AUG 08, 2024 - AUG 08, 2024
Planned Owner Notification Date :	OCT 04, 2024 - OCT 04, 2024

Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : NR

Address : NR

NR

Country : NR

Company Phone : NR

\* NR - Not Reported