

# Part 573 Safety Recall Report

# 24V-424

**Manufacturer Name :** Mack Trucks, Inc.

**Submission Date :** JUN 09, 2024

**NHTSA Recall No. :** 24V-424

**Manufacturer Recall No. :** SC0466



## Manufacturer Information :

**Manufacturer Name :** Mack Trucks, Inc.

**Address :** 2100 Mack Boulevard

PO Box M Allentown PA 18105-5000

**Company phone :** 610-709-2131

## Population :

**Number of potentially involved :** 7

**Estimated percentage with defect :** 100 %

## Vehicle Information :

**Vehicle 1 :** 2025-2025 Mack ANTHEM (AN) / PINNACLE (PI)

**Vehicle Type :** BUSES, MEDIUM & HEAVY VEHICLES

**Body Style :** OTHER

**Power Train :** DIESEL

**Descriptive Information :** The recall population is defined by vehicles built from April 29, 2024 through May 29, 2024 that may have been built with suspect tie rod ends.

There are 6 Mack ANTHEM (AN) and 1 Mack PINNACLE (PI/PN) Model YR 2025 impacted vehicles.

**Production Dates :** APR 29, 2024 - MAY 29, 2024

**VIN Range 1 :** Begin : 1M1AN4GY0SM051583 End : 1M1AN2GY0SM048719  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 : 23057987

## Supplier Identification :

### Component Manufacturer

Name : Dana Incorporated

Address : 6515 Maumee Western  
Maumee Ohio 43537

Country : United States

## Chronology :

June 3, 2024: Mack Trucks was notified by Dana Incorporated, that they received experimental ball studs in error from their Tier 2 Supplier. Mack 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