



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

26V351

Manufacturer Name: Mack Trucks, Inc.

Submission Date: Jun 01, 2026

NHTSA Recall No.: 26V351

Manufacturer Recall No.: SC0495

Manufacturer Information

Population

Manufacturer Name: Mack Trucks, Inc.

Address: 2100 Mack Boulevard
PO Box M
Allentown PA, 18105-5000

Total number of potentially involved: 644

Estimated percentage with defect: 1%

Vehicle Information

Vehicle 1: 2026-2026 MACK ANTHEM (AN)

Product Category: Buses, Medium & Heavy Vehicles

Product Type: Tractor

Fuel / Propulsion: Compression Ignition Fuel

Production Dates: Jun 10, 2025 - Jul 03, 2025

Number of potentially involved: 18

Descriptive Information:

Torque angles and traces were evaluated on all trucks from start of production for masking material.

Masking material changes the joint from a hard joint to a soft joint.

This can be observed in the torque curves when by displaying slow application to final torque.

Vehicle 2: 2026-2027 MACK PIONEER PR (4)

Product Category: Buses, Medium & Heavy Vehicles

Product Type:

Fuel / Propulsion: Compression Ignition Fuel

Production Dates: Jul 18, 2025 - May 01, 2026

Number of potentially involved: 57

Descriptive Information:

Torque angles and traces were evaluated on all trucks from start of production for masking material.

Masking material changes the joint from a hard joint to a soft joint.

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This can be observed in the torque curves when by displaying slow application to final torque.

Vehicle 3: 2026-2027 MACK PINNACLE (PI/PN)

Product Category: Buses, Medium & Heavy Vehicles

Product Type: Tractor

Fuel / Propulsion: Compression Ignition Fuel

Production Dates: Jun 11, 2025 - May 19, 2026

Number of potentially involved: 86

Descriptive Information:

Torque angles and traces were evaluated on all trucks from start of production for masking material.

Masking material changes the joint from a hard joint to a soft joint.

This can be observed in the torque curves when by displaying slow application to final torque.

Vehicle 4: 2027-2027 MACK ANTHEM AN (4)

Product Category: Buses, Medium & Heavy Vehicles

Product Type: Tractor

Fuel / Propulsion: Compression Ignition Fuel

Production Dates: Jan 13, 2026 - Apr 29, 2026

Number of potentially involved: 37

Descriptive Information:

Torque angles and traces were evaluated on all trucks from start of production for masking material.

Masking material changes the joint from a hard joint to a soft joint.

This can be observed in the torque curves when by displaying slow application to final torque.

Vehicle 5: 2026-2027 MACK GRANITE (GR)

Product Category: Buses, Medium & Heavy Vehicles

Product Type: Tractor

Fuel / Propulsion: Compression Ignition Fuel

Production Dates: Jun 03, 2025 - May 19, 2026

Number of potentially involved: 446

Descriptive Information:

Torque angles and traces were evaluated on all trucks from start of production for masking material.

Masking material changes the joint from a hard joint to a soft joint.

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This can be observed in the torque curves when by displaying slow application to final torque.

Defect / Noncompliance Description

Description of the defect or noncompliance:

Certain MY 2026 Mack GR vehicles may have masking material from a painting process present between the wheels and axle hubs. This may cause the wheel lug nuts to loosen as the material compresses.

FMVSS1:

FMVSS2:

Description of the safety risk, including crash, fire, death, injury:

A wheel and tire assembly that detaches from a vehicle while driving may lead to loss of vehicle control or create a hazard to other road users, increasing the risk of a crash or injury.

Description of the cause:

Masking material was not removed after painting process. Operators did not visually recognize the error due to the material and hub having the same outer profile. Wheels were improperly installed with masking between mating surfaces, causing material compression which leads to a loss of torque on the wheel lug nuts.

Identification of any warning that can occur:

None

Component Manufacturer

Tier of Supplier:

Supplier Type:

Name:

Address:

Country:

Involved Components

Component Name 1: Wheel Nuts

Component Description: Connection between wheel and axle flange

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Component Part Number: 21807998

Chronology

May 21, 2026: Product Safety Committee determines that a product safety defect exists and decides to initiate a recall for Volvo Trucks North America; Committee requested investigation team to conduct a parallel review of all Mack Trucks built during the same time frame

There has been 1 warranty claim, 2 field reports, 0 accidents or 0 injuries reported with this issue.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type: Inspect, Repair

Consumer Advisories: Do Not Drive Park Outside

Description of remedy program:

Owners will be sent advance notice not to operate their affected vehicle(s) until the remedy is performed. When the remedy is performed, all wheel and hub mating surfaces will be inspected and if any masking material is found the material will be removed. If masking material is found wheel end components will be inspected and any worn parts will be replaced. Customers will be reimbursed for repair as necessary.

How remedy component differs from recalled component:

Remedy conditions will not have masking material between wheel and hub mounting surfaces.

Identify how/when recall condition was corrected in production:

Starting May 21, 2026, a new masking was rolled out in production that has a larger outer profile, exceeding the wheel hub size. The new masking also is a different shape (square) to further differentiate it from the hub assembly.

Reimbursement Plan

Manufacturer used general reimbursement plan on file.

Recall Schedule

Description of recall schedule:

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Dealers will be notified on or before May 29
Owners will be notified on or before May 29

- Planned Dealer Notification Date:** May 29, 2026 - Jun 05, 2026 No Dealers
- Planned Interim Owner Notification Date:** No Owners
- Planned Remedy Owner Notification Date:** May 29, 2026 - Jun 05, 2026 Phased Recall
- Date when VIN will be searchable:** May 31, 2026