



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

26V620

Manufacturer Name: Mack Trucks, Inc.

Submission Date: Sep 28, 2026

NHTSA Recall No.: 26V620

Manufacturer Recall No.: SC0500

Manufacturer Information

Population

Manufacturer Name: Mack Trucks, Inc.

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

Total number of potentially involved: 850

Estimated percentage with defect: 0.1%

Vehicle Information

Vehicle 1: 2026-2027 MACK ANTHEM AN (4)

Product Category: Buses, Medium & Heavy Vehicles

Product Type: Tractor

Fuel / Propulsion: Compression Ignition Fuel

Production Dates: Jul 08, 2025 - Sep 21, 2026

Number of potentially involved: 544

Descriptive Information:

The suspect population was determined using vehicle manufacturing records. All vehicles built with a tanker application package were included in the recall. Vehicles not included in this recall were built with a different application package.

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

Product Category: Buses, Medium & Heavy Vehicles

Product Type: Tractor

Fuel / Propulsion: Compression Ignition Fuel

Production Dates: Feb 24, 2025 - Sep 11, 2026

Number of potentially involved: 306

Descriptive Information:

The suspect population was determined using vehicle manufacturing records. All vehicles built with a tanker application package were included in the recall. Vehicles not included in this recall were built with a different application package.

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Defect / Noncompliance Description

Description of the defect or noncompliance:

Certain 2026 - 2027 model-year Mack Anthem AN (4) and Pioneer PR (4) vehicles may experience reduced trailing braking effectiveness while transporting smoothbore/unbaffled tanker trailers.

FMVSS1:**FMVSS2:****Description of the safety risk, including crash, fire, death, injury:**

Loss of trailer brake effectiveness could result in extended stopping distance, increasing the risk of a crash or injury.

Description of the cause:

Liquid movement within a smoothbore/unbaffled tanker can cause errors in dynamic axle load calculations, reducing trailer braking effectiveness.

Identification of any warning that can occur:

There are no warnings that precede this issue.

Component Manufacturer

Tier of Supplier: Tier 1

Supplier Type: OEM

Name: Bendix Commercial Vehicle Systems, LLC

Address: 35500 Chester Road
Avon OH, 44011

Country: United States

Involved Components

Component Name 1: MSW

Component Description: SOFTWARE

Component Part Number: 26020191

Chronology

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July 13, 2026: Field report received by Volvo Group about a braking concern on a vehicle used to transport smoothbore/unbaffled tanker trailers.

July 14, 2026: Product Safety Alert generated for field report received on 7/13/26.

July 14 – August 25, 2026: Engineering investigation carried out to understand and replicate the reported issue. Volvo Group received two additional field reports.

August 26, 2026: Product Safety Investigation launched.

September 17, 2026: Product Safety Evaluation Committee reviews investigation information and recommends escalation to the Product Safety Committee.

September 21, 2026: Product Safety Committee determines that a product safety issue exists and decides to initiate a recall.

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

Related NHTSA Recall Number:

Description of Remedy

Remedy Type: Software

Consumer Advisories: ☐ Do Not Drive ☐ Park Outside

Description of remedy program:

All vehicles built with tanker packages will be included in the recall. A new software package will be released to disable dynamic trailer braking calculations. The new software will be available to all vehicles in the recall, but customers who only utilize baffled or compartmentalized tanker trailers will have the option to keep the software with dynamic trailer braking calculations. If any customer later transports smoothbore tankers, dealers and service centers can install the software package with dynamic trailer braking calculations disabled at any time after the remedy is released.

How remedy component differs from recalled component:

The new software will correctly calculate dynamic axle loads.

Identify how/when recall condition was corrected in production:

A new sales code will be released to identify vehicles that will haul smoothbore/unbaffled tanker trailers.

Reimbursement Plan

Manufacturer used general reimbursement plan on file.

Recall Schedule

Part 573 Safety Recall Report**26V620****Description of recall schedule:**

Dealer notifications will begin on or before October 5, 2026.
Owner notifications will begin on or before November 27, 2026.

Planned Dealer Notification Date: Oct 05, 2026 - Oct 05, 2026

☐ No Dealers

Planned Interim Owner Notification Date:

☐ No Owners

Planned Remedy Owner Notification Date: Nov 27, 2026 - Nov 27, 2026

☐ Phased Recall

Date when VIN will be searchable: Oct 05, 2026