



U.S. Department  
of Transportation

National Highway  
Traffic Safety  
Administration

## Part 573 Safety Recall Report

## 25V803

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

**Submission Date:** Feb 24, 2026

**NHTSA Recall No.:** 25V803

**Manufacturer Recall No.:** SC0488

### Manufacturer Information

### Population

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

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

**Total number of potentially involved:** 247

**Estimated percentage with defect:** 100%

### Vehicle Information

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

**Product Category:** Buses, Medium & Heavy Vehicles

**Product Type:** Tractor

**Fuel / Propulsion:** Compression Ignition Fuel

**Production Dates:** Jul 08, 2025 - Jul 11, 2025

**Number of potentially involved:**

**Descriptive Information:**

All vehicles in the population were built with the automatic high-beam feature before the production clean point was established. Vehicles not included in the population were built without the automatic high beam feature.

### Defect / Noncompliance Description

**Description of the defect or noncompliance:**

Certain Mack Pioneer (PR) and Anthem AN(4) vehicles may be equipped with automatic high beams (AHB) that do not meet the requirements of FMVSS 108 S14.9.3.11 Semiautomatic headlamp beam switching device tests. Due to errors in identifying certain oncoming vehicles, the headlamp may not switch to low beam lights as expected.

**FMVSS1:** 108 - Lamps, reflective devices, and assoc. Equipment

**FMVSS2:**

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

High beams that do not automatically switch to low beams may create reduced visibility for other road

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users, increasing the risk of a crash.

## Description of the cause:

The camera system's image-detection algorithm may incorrectly identify certain vehicles during use.

## Identification of any warning that can occur:

In the event of a fault, the driver may notice that the high beams remain illuminated as vehicles approach, when they might expect them to switch to the low beams.

## Component Manufacturer

**Tier of Supplier:** Tier 1

**Supplier Type:** OEM

**Name:** Robert Bosch GMBH

**Address:** Robert-Bosch-Strasse 1  
Inmenstandt Foreign States

**Country:** Germany

## Involved Components

**Component Name 1:** Control Unit

**Component Description:** Front looking camera

**Component Part Number:** 23998406

## Chronology

October 7, 2025: Adaptive driving beam testing performed on a truck built with the automatic high beam feature.

October 14, 2025: Engineering notified that the automatic high beam feature was unable to identify certain motorcycles during some test scenarios.

October 23, 2025: Safety Office opens a potential non-compliance investigation.

November 3, 2025: Product Safety Evaluation Committee reviews investigation information and recommends escalation to the Product Safety Committee.

November 13, 2025: Product Safety Committee determines that a product non-compliance exists and decides to initiate a recall.

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

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Related NHTSA Recall Number:

**Description of Remedy****Remedy Type:** Software OTA**Consumer Advisories:**  Do Not Drive  Park Outside**Description of remedy program:**

As an interim measure to remove the safety risk, vehicles will be recalled, and the automatic high beam feature will be disabled. (Parameter P1OSG and P10YM will be turned off). VGNA will continue working with its supplier with an objective of developing and testing a permanent remedy that properly detects all approaching vehicles. Upon completion of validation testing, VGNA will renotify affected owners to have the permanent remedy installed.

**How remedy component differs from recalled component:**

Once the automatic high beam feature is disabled on an interim basis, the automatic high beam icon will no longer appear on the instrument cluster, and headlamp switching will revert to a manual process, similar to that of vehicles not equipped with the AHB option.

**Identify how/when recall condition was corrected in production:**

Vehicles at our factories were put under a stop shipment effective November 14, 2025, and will not be released until corrected (automatic high beam feature removed). Future orders have had this feature removed.

**Reimbursement Plan**

Manufacturer used general reimbursement plan on file.

**Recall Schedule****Description of recall schedule:**

Dealer notifications will begin on or before November 27, 2025.  
Interim Owner Notifications were mailed on December 22, 2025  
Final Owner notifications will occur between June 1, 2026 and September 21, 2026.

**Planned Dealer Notification Date:** Nov 27, 2025 - Nov 27, 2025  No Dealers**Planned Interim Owner Notification Date:** Dec 22, 2025 - Dec 22, 2025  No Owners**Planned Remedy Owner Notification Date:** Jun 01, 2026 - Sep 21, 2026  Phased Recall

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**Date when VIN will be searchable:** Nov 27, 2025