



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V427

Manufacturer Name: Mack Trucks, Inc.

Submission Date: Jun 23, 2025

NHTSA Recall No.: 25V427

Manufacturer Recall No.: SC0481

Manufacturer Information

Population

Manufacturer Name: Mack Trucks, Inc.

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

Total number of potentially involved: 148

Estimated percentage with defect: 100%

Vehicle Information

Vehicle 1: 2026-2026 MACK MD

Product Category: Buses, Medium & Heavy Vehicles

Product Type:

Fuel / Propulsion: Electric Battery Power

Production Dates: Jan 22, 2025 - Feb 17, 2025

Number of potentially involved: 3

Descriptive Information:

The recall population is defined by specific Mack Medium Duty electric vehicles. Built between June 22, 2023 and February 17, 2025 Mack MY 2024/2025/2026 MD (Electric) 148 units.

Vehicle 2: 2024-2024 MACK MD (ELECTRIC)

Product Category: Buses, Medium & Heavy Vehicles

Product Type: Truck

Fuel / Propulsion: Electric Battery Power

Production Dates: Jun 22, 2023 - Mar 13, 2024

Number of potentially involved: 52

Descriptive Information:

The recall population is defined by specific Mack Medium Duty electric vehicles. Built between June 22, 2023 and February 17, 2025 Mack MY 2024/2025/2026 MD (Electric) 148 units.

Vehicle 3: 2025-2025 MACK MD (ELECTRIC)

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25V427**Product Category:** Buses, Medium & Heavy Vehicles**Product Type:** Truck**Fuel / Propulsion:** Electric Battery Power**Production Dates:** Jun 22, 2023 - Mar 13, 2024**Number of potentially involved:** 93**Descriptive Information:**

The recall population is defined by specific Mack Medium Duty electric vehicles. Built between June 22, 2023 and February 17, 2025 Mack MY 2024/2025/2026 MD (Electric) 148 units.

Defect / Noncompliance Description

Description of the defect or noncompliance:

Mack Medium Duty (Electric) vehicles not compliant with FMVSS 124, S.1 In the event of a CAN bus failure, the vehicle will retain the last known throttle setting and applied torque, without returning to idle. This can only occur if Vehicle Controller Area Network (CAN) Communications are interrupted, which does not meet the 2 second requirement for return to idle.

FMVSS1: 124 - Accelerator control systems**FMVSS2:****Description of the safety risk, including crash, fire, death, injury:**

In the event of a Vehicle Controller Area Network (CAN) failure, the throttle signal from the electro mobility control unit would retain the last known throttle setting and would not return idle (except during service brake application) increasing the risk of a crash.

Description of the cause:

Vehicle validation in-sufficient in systems integration between vehicle and electric mobility platform supplier.

Identification of any warning that can occur:

In the event of a CAN bus failure a warning appears on the instrument cluster which would warn the driver.

Component Manufacturer

Tier of Supplier: Tier 1**Supplier Type:** Other**Name:** Exro Technologies/SEA Electric

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Address: 7853 E Ray Road,
Mesa AZ, 85212

Country: United States

Involved Components

Component Name 1: Control Unit

Component Description: GVCU Install-MDE

Component Part Number: 24854236

Chronology

May 20 , 2025 Product Safety and Certification is informed of a potential issue relative to Mack Medium Duty Electric potential non-compliance relative to MVSS 124, S1 during certification validation testing

June 11, 2025 Product Safety Evaluation Committee opens an investigation into a potential non-compliance.

June 11, 2025 Product Safety Evaluation Committee after review of findings recommends this be escalated to Product Safety Committee as a potential non-compliance.

June 16. 2025 Product Safety Committee meets and determines that a product non-compliance exists and vehicles will be recalled.

June 23, 2025 DIR Report Filed with NHTSA.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type: Software

Consumer Advisories: ☐ Do Not Drive ☐ Park Outside

Description of remedy program:

Vehicles will be recalled and the control unit will be reprogrammed, with software which makes the vehicle compliant with FMVSS 124.

How remedy component differs from recalled component:

Software update will ensure the throttle application signal and resultant out put is taken to idle in compliance with FMVSS 124. S1. Control Unit, GVCU Install-MDE,24854236

Identify how/when recall condition was corrected in production:

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Vehicles impacted under our control have been put under a stop shipment order June 17, 2025 and will not be shipped till corrected.

Reimbursement Plan

Manufacturer used general reimbursement plan on file.

Recall Schedule

Description of recall schedule:

Dealer notification will begin on or before June 27, 2025 and owner notification will begin on or before August 19, 2025

Planned Dealer Notification Date: Jun 27, 2025 - Jun 27, 2025

☐ No Dealers

Planned Interim Owner Notification Date:

☐ No Owners

Planned Remedy Owner Notification Date: Aug 19, 2025 - Aug 19, 2025

☐ Phased Recall

Date when VIN will be searchable: Jun 27, 2025