

Part 573 Safety Recall Report

24V-122

Manufacturer Name : Mack Trucks, Inc.

Submission Date : FEB 19, 2024

NHTSA Recall No. : 24V-122

Manufacturer Recall No. : SC0458



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 : 10

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2022-2024 Mack Granite

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined by those vehicles which had a calculation error in running the air volume requirement. 10 Mack Granite trucks MY 2022/2023/2024.

Production Dates : AUG 18, 2021 - SEP 18, 2023

VIN Range 1 : Begin : 1M2GR2NC3NM002517 End : 1M2GR4NCXRM005044 ☒ Not sequential

Description of Noncompliance :

Description of the Noncompliance : Air Volume calculation for system air is 3% below the "12 Times the combined volume of all service brake chambers"

FMVSS 1 : 121 - Air brake systems

FMVSS 2 : NR

Description of the Safety Risk : The risk is a vehicle crash that may result in personal injury

Description of the Cause : Air volume calculation incorrect when customer requested changes were made to vehicle.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : No Specific Component

Component Description : This was a calculation error involving multiple components

Component Part Number : This was a calculation error involving multiple components

Supplier Identification :

Component Manufacturer

Name : Mack Trucks

Address : 7825 National Service Rd.
Greensoboro North Carolina 27409-9667

Country : United States

Chronology :

February 7, 2024 Product Safety is informed of a potential issue with air volume calculations in certain vehicles and an investigation is opened.

February 14, 2024 Results of the investigation are presented to the Product Safety Committee which determines that a product noncompliance to FMVSS 121 exists.

February 19, 2024 DIR Filed with NHTSA.

There have been no accidents or injuries related to this issue, there have been no warranty claims, field reports or customer complaints associated with this issue.

Description of Remedy :

Description of Remedy Program : Vehicles will be recalled and additional air tank volume will be added to meet FMVSS 121 requirements. Reimbursement for the recall will be covered by the Manufacturer's Reimbursement Plan on file with NHTSA

How Remedy Component Differs from Recalled Component : New air tanks will be installed which will increase the volume of air to meet the requirements.

Identify How/When Recall Condition was Corrected in Production : No trucks with this configuration are being built at this time Engineering specifications relative these vehicles have been updated.

Recall Schedule :

Description of Recall Schedule :	Dealer notification will begin on February 23, 2024 and owner notification will begin or before April 15, 2024.
Planned Dealer Notification Date :	FEB 23, 2024 - FEB 23, 2024
Planned Owner Notification Date :	APR 15, 2024 - APR 15, 2024

* NR - Not Reported