

Part 573 Safety Recall Report

23V-143

Manufacturer Name : Mack Trucks, Inc.**Submission Date :** MAR 03, 2023**NHTSA Recall No. :** 23V-143**Manufacturer Recall No. :** SC0441**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 :** 17**Estimated percentage with defect :** 100 %**Vehicle Information :****Vehicle 1 :** 2023-2023 Mack Granite**Vehicle Type :** BUSES, MEDIUM & HEAVY VEHICLES**Body Style :** OTHER**Power Train :** DIESEL**Descriptive Information :** The recall population was determined by trucks which were equipped with axles identified by Meritor as a result of their investigation, which had gone through a rework process.**Production Dates :** MAR 16, 2022 - OCT 25, 2022**VIN Range 1 : Begin :** 1M2GR45C2PM001163 **End :** 1M2GR45C0PM001193 ☒ Not sequential**Description of Defect :****Description of the Defect :** Potential of under torque on fasteners on the axle assembly, specifically: Brake caliper to knuckle, steer arm to knuckle, lower kingpin to knuckle, tie-rod to knuckle.**FMVSS 1 :** NR**FMVSS 2 :** NR**Description of the Safety Risk :** The failure of one of these joints could lead to loss of control of the vehicle, which could result in a crash.**Description of the Cause :** Rework process at Meritor axle assembly operations.**Identification of Any Warning that can Occur :** Handling issues may precede a joint failure.**Involved Components :**

Component Name 1 : Front Drive Steer

Component Description : Commercial Truck Front-Drive Steer Axle

Component Part Number : 24019943

Supplier Identification :

Component Manufacturer

Name : Meritor

Address : 2135 W Maple Rd
Troy Michigan 48084

Country : United States

Chronology :

December 6, 2022 it was identified during operation at Mack Trucks, a unit, where the caliper bolts had backed off.

Meritor's investigation identified a suspect population of 26 axles, which were manufactured between January and November 2022.

Meritor inspected 9 units for breakaway torque during January 9th and 10th 2023.

February 23 2023 Product Safety Working Group was notified of the findings.

February 27 2023 Product Safety Working Group makes the recommendation to the Product Safety Committee that a product safety defect exists.

February 27 2023 Product Safety Committee determines that a safety defect exists.

There have been no accidents or injuries or field complaints or warranty claims related to this issue.

Description of Remedy :

Description of Remedy Program : Fasteners will be torqued to proper value; specifically inspect and tighten caliper socket head cap screws, replace king pin cap and steer arm fasteners, inspect tie rod and connecting points for damage, tighten castle nut as needed and replace cotter pin.
Reimbursement for the recall will be covered by Manufacturer's Reimbursement Plan on file with NHTSA.

How Remedy Component Differs from Recalled Component :	Components and assemblies in question will be torqued to proper values and hardware which needs replacement will be replaced.
Identify How/When Recall Condition was Corrected in Production :	Rework process corrected, work instructions updated, and operators trained. Implemented torque traceability system. January 31, 2023

Recall Schedule :

Description of Recall Schedule :	NR
Planned Dealer Notification Date :	MAR 07, 2023 - MAR 07, 2023
Planned Owner Notification Date :	APR 28, 2023 - APR 28, 2023

* NR - Not Reported