

Part 573 Safety Recall Report

21V-573

Manufacturer Name : Mack Trucks, Inc.

Submission Date : AUG 24, 2021

NHTSA Recall No. : 21V-573

Manufacturer Recall No. : SC0427



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 : 124

Estimated percentage with defect : 2 %

Vehicle Information :

Vehicle 1 : 2021-2021 Mack Granite, LR, TerraPro

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The vehicle population was identified based on build records to identify vehicles subject to offline repairs.

The recall product may have the S-cams reversed on the rear rear drive axle.

The total number of vehicles affected is one hundred twenty four in total.

The models and model years include 2021 Granite (GR*), LR, and TerraPro (TE*). *

Nomenclature in VIN Scheme.

Production Dates : JUN 29, 2020 - SEP 22, 2020

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : Mack has determined that certain model year 2021 trucks equipped with Meritor drum brakes may have the incorrect brake cams installed on the rear most drive axle.

FMVSS 1 : 121 - Air brake systems

FMVSS 2 : NR

Description of the Safety Risk : The rear rear axle brakes may be inoperative, which can result in increased stopping distances and potential risk of a vehicle crash.

Mack Trucks has not received reports of vehicle crashes. The action being taken is to protect Mack's customers, their drivers, and the public/ those they share the road with from the potential risk.

Description of the Cause : Further work was required on certain vehicles after production (i.e. offline repairs), which may have not been performed correctly.

Identification of Any Warning NR
that can Occur :

Involved Components :

Component Name 1 : S-Cam Brake

Component Description : Rotating component in the shape of an S that applies or disengages the brakes.

Component Part Number : TDA2210C8323

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

June 2, 2021 - Mack reliability group receives report of potential issue.

June 23, 2021 - Potential issue reported to Product Safety Working Group (PSWG). Investigation opened.

July 14, 2021 - Results of investigation provided to PSWG for review.

July 22, 2021 - Product Safety Committee meets and determines a safety-related defect.

July 27, 2021 - 573 defect report submitted to NHTSA

August 24, 2021 chronology revised to included detail on reports and component information.

There is one field report(documented on 6/2/2021 as a field report when received). Further investigation for potentially associated warranty claims, field reports resulted in identification of 2 additional warranty claims that were deemed to be related. The information on these reports are as follows:

1M2LR2GC5MM004554

Claim 7554-A344-894805-1 Repair Date 5/12/2021 – Registration Date 6/14/2021

SR Case 1-14812580371 6/2/2021

Reported to reliability 6/2/2021

1M2LR2GC5MM004621

Claim 7554-A458-783602-1 Repair Date 12/30/2020 – Registration date 1/15/2021

Discovered in warranty review 6/8/2021

1M2TE2GCOMM005574

Claim 7554-P741-736068-2 Repair Date 10/27/2020 – Registration date 11/11/2020

Discovered in warranty review 6/24/2021

Description of Remedy :

Description of Remedy Program : To ensure that these vehicles are equipped with the correct brake cams an inspection will be required. The wheels and drums on the rear most axle will need to be removed to gain access to the brake cams for inspection. If the brake cams are found to be correct, reassemble the unit and no further action is required. If the brake cams are found to be incorrect, replacement of the brake cams, brake shoes, brake hardware, and wheel seals may be required. Pre-Notification repair reimbursement will be provided according to our reimbursement plan on file with NHTSA.

How Remedy Component Differs from Recalled Component : The s-cams are installed correctly.

Identify How/When Recall Condition was Corrected in Production : The issue was associated with off-line repairs. Production was not affected.

Recall Schedule :

Description of Recall Schedule : Dealer notification will occur on July 30, 2021. Owner notification letter will occur on or before August 27, 2021.

Planned Dealer Notification Date : JUL 30, 2021 - JUL 30, 2021

Planned Owner Notification Date : AUG 27, 2021 - AUG 27, 2021

* NR - Not Reported