Part 573 Safety Recall Report   23V-731

Manufacturer Name :	Mack Trucks, Inc.
Submission Date :	OCT 31, 2023
NHTSA Recall No. :	23V-731
Manufacturer Recall No. :	SC0452

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 : 30 %

Vehicle Information :

Vehicle 1 : 2024-2024 Mack Granite and TerraPro

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : CNG/LPG

Descriptive Information : The recall population is vehicles built with certain Cummins L9N engines identified to Mack Truck, in conjunction with Cummins Recall 22E080. The number of the vehicles equipped with these engines which are being recalled is 17,

Production Dates : AUG 25, 2023 - SEP 13, 2023

VIN Range 1 : Begin : 1M2GR7GC0RM042201   End : 1M2TE7GC9RM001835   ☑ Not sequential

Description of Defect :

Description of the Defect : The subject engines may have been built with incorrect length flanged stud(s) attaching the rear lifting bracket to the cylinder head.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : As described in Cummins Recall 23E080, the rear lifting bracket may detach from the cylinder head while the engine is being lifted, possibly causing the engine to swing or fall, potentially resulting in personal injury

Description of the Cause : As detailed in Cummins Recall 23E080: The flanged studs that attach the rear lifting bracket to the cylinder head may have been 30mm long instead of 25mm long as required on the component drawing. This could allow the stud(s) to bottom out in the threaded hole(s) in the cylinder head, resulting in a lack of clamp load on the lifting bracket.

Identification of Any Warning that can Occur : None

Involved Components :

          Component Name 1 : Hexagon Double Ended Flange Stud

      Component Description : Flanged Stud

    Component Part Number : 3944061

Supplier Identification :

Component Manufacturer

       Name : Cummins Inc.

   Address : 500 Jackson Street
                Mailcode COB118 Columbus Indiana 47201

   Country : United States

Chronology :

October 24, 2023 Volvo Product Safety Office is notified by Cummins Inc, that they are recalling certain Cummins L9N engines in conjunction with their recall 23E080.
October 26, 2023 Product Safety Committee meets and determines that a product safety defect exists.
October 31, 2023 573 Filing with NHTSA of the product safety defect.

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 : The remedy is to inspect and replace, if required, the flanged stud in the rear lifting bracket arrangement with the correct length flanged stud, according to Cummins filing 23E-080. Mack will facilitate the Cummins Inc. recall execution.   Cummins has requested that it be exempt from providing notification of a reimbursement plan.
Reimbursement for the recall will be covered by Manufacturer's Reimbursement Plan on file with NHTSA.

  How Remedy Component Differs from Recalled Component : The remedy components are shorter (by 5mm) than the incorrect flanged stud used on the rear lifting brackets. Hexagon Double Ended Flange Stud/Flanged Stud/3944061

Identify How/When Recall Condition was Corrected in Production :	Vehicles which may have suspect engines and suspect engines in our factories were placed under a stop shipment on October 26, 2023 following our Product Safety Committee determination. These units are being remedied by Cummins Inc, at our factories.

Recall Schedule :

Description of Recall Schedule :	Mack will have Cummins execute the recall on their behalf, Cummins will conduct the recall including owner notifications. Cummins will be prepared to notify owners no later that 12/15/2023.
Planned Dealer Notification Date :	NOV 22, 2023 - NOV 22, 2023
Planned Owner Notification Date :	DEC 15, 2023 - DEC 15, 2023

* NR - Not Reported