

Part 573 Safety Recall Report

19V-616

Manufacturer Name : Mack Trucks, Inc.

Submission Date : AUG 21, 2019

NHTSA Recall No. : 19V-616

Manufacturer Recall No. : SC0419



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 : 8

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2015-2015 Mack Pinnacle (CXU)

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : There are eight (8) 2015 Pinnacle model trucks in total that may have been manufactured with a Meritor Model FF967 Non-Drive Front Steer axle with incorrect heat treatment (Reference Meritor Safety related defect report 19E-049). The eight vehicles were identified from axle serial numbers provided by Meritor.

Production Dates : JUL 09, 2014 - FEB 25, 2015

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : Reference Meritor safety-related defect report 19E-049 which states "Meritor FF967 Non Drive Steer Front Steer Axle inadvertently missed heat treat operation during production." Note" information from Meritor's safety-related defect report is identified with quotation markets.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : "If the axle beam fractures, loss of vehicle control may occur, potentially leading to the risk of crash."

Description of the Cause : "A heat treat process step was inadvertently missed following an interruption in service with Gantry #2. There were no subsequent detection steps to validate heat treatment after an interruption in service."

Identification of Any Warning that can Occur : "The driver may notice some degradation of the vehicle handling up to the inoperability of the vehicle. If the axle beam fractures, loss of vehicle control may occur, potentially leading to the risk of crash."

Supplier Identification :

Component Manufacturer

Name : "Forja de Monterrey"
Address : Carretera Monterrey-Colombia Km. 6.5 Gra
Escobedo, N.L. FOREIGN STATES 66050
Country : Mexico

Chronology :

June 3, 2019 Meritor informs Mack of an investigating into a broken steer axle.
August 12, 2019 Meritor informs Mack that they have filed a safety-related defect report with NHTSA (Reference Recall number 19E049)
August 15, 2019 Mack Product Safety Committee meets and determines that a safety recall is required.
August 21, 2019 Mack submits a safety-related defect report to NHTSA.

Description of Remedy :

Description of Remedy Program :	"Meritor Axle Model FF967 Non-Drive Front Steer Axle Beam was determined to not comply with Meritor's microstructure or process specification for hardness. Axles in the suspect population will be inspected and replaced as required." Pre-notification remedy repairs will be addressed according to Mack's General Reimbursement Plan.
How Remedy Component Differs from Recalled Component :	"Suspect Meritor Model FF967 Non-Drive Front Steer axles are identified with the Forging Date Code 14128, Heat Code CA, Machining Date Code 14214."
Identify How/When Recall Condition was Corrected in Production :	"The condition that caused the operation to be inadvertently missed was corrected in January 2016. The correction included the introduction of a subsequent hardness inspection by an optical camera monitored and controlled by software. In addition, all beams have the hardness reading written on the beam prior to being sent to Meritor."

Recall Schedule :

Description of Recall Schedule :	A safety recall alert will be issued to dealers on by August 28, 2019. Owner notification letters will be mailed by October 18, 2018.
Planned Dealer Notification Date :	AUG 28, 2019 - AUG 28, 2019
Planned Owner Notification Date :	OCT 18, 2019 - OCT 18, 2019

* NR - Not Reported