

# Part 573 Safety Recall Report

# 17V-535

**Manufacturer Name :** Mack Trucks, Inc.**Submission Date :** SEP 20, 2017**NHTSA Recall No. :** 17V-535**Manufacturer Recall No. :** SC0408**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 : 439

Estimated percentage with defect : NR

**Vehicle Information :**

Vehicle 1 : 2016-2016 Mack Pinnacle (CHU, CXU)

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

**Descriptive Information :** Certain 2016 Pinnacle (CHU, CXU) model vehicles manufactured from March 9, 2015 through June 26, 2015 with certain Dana axles. Dana provided Mack with a list of axle serial numbers that were suspect. This list was used to identify the affected vehicle list.

**Production Dates :** MAR 09, 2015 - JUN 26, 2015**VIN Range 1 : Begin :**

NR

**End :** NR Not sequential**Description of Defect :**

**Description of the Defect :** According to Dana, "In affected steer axles, the castellated nut and cotter pin may not have been torqued to expected torque. As a result, the tie rod may become loose in the steer axle, causing significant auditory warning and/or looseness in steering. If a vehicle operator continues to operate the vehicle in spite of this advanced warning, the tie rod may in rare instances become disconnected from the knuckle."

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** According to Dana, "If the tie rod disconnects from the steering knuckle, the driver may lose full control of a vehicle wheel (normally the right front tire)."

**Description of the Cause :** According to Dana, "The castellated nuts in the tie rods may not have been properly torqued during assembly."

**Identification of Any Warning that can Occur :** According to Dana, "Before a tie rod can disconnect from the vehicle, a driver should experience significant warning, including noise and loosened steering."

**Supplier Identification :****Component Manufacturer**

Name : Dana Driveshaft Manufacturing, LLC  
Address : 3939 Technology Drive  
Maumee OHIO 43537  
Country : United States

**Chronology :**

August 22, 2017, Dana notifies Mack Trucks that they are conducting a voluntary safety recall. Mack Trucks opens an investigation to determine vehicles that may be affected by Dana's voluntary recall.

August 29, 2017 Mack Trucks submits a 573 report with available information.

September 7, 2017 Mack submits revised defect report to NHTSA.

**Description of Remedy :**

Description of Remedy Program : Mack Trucks will inspect all units in the field according to instructions provided by Dana to ensure that the castellated nuts in the tie rods are properly torqued, and will tighten nuts that are not. The tie rod stud and knuckle will be replaced on units in which the nuts cannot be sufficiently torqued.

How Remedy Component Differs from Recalled Component : The inspection campaign will check and (where needed) correct torquing and will replace parts damaged.

Front Axle Assemblies, part numbers 21966858 (Dana PN 1202BN101 147) , 21987341 (Dana PN1202BN108 001) , 21987342 (Dana PN 1202BN108 002), 21987346 (Dana PN 1202BN108 005)

Identify How/When Recall Condition was Corrected in Production : Dana began using feedback-controlled torque installation equipment in May 2015, and instituted corrected assembly procedures.

**Recall Schedule :**

Description of Recall Schedule : Sept. 15 put in as place holders. We hope to release the information sooner.  
Planned Dealer Notification Date : SEP 15, 2017 - SEP 15, 2017  
Planned Owner Notification Date : OCT 16, 2017 - OCT 16, 2017

\* NR - Not Reported