

# Part 573 Safety Recall Report

# 16V-929

**Manufacturer Name :** Mack Trucks, Inc.

**Submission Date :** DEC 20, 2016

**NHTSA Recall No. :** 16V-929

**Manufacturer Recall No. :** SC0406



## 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 :** 378

**Estimated percentage with defect :** 100 %

## Vehicle Information :

**Vehicle 1 :** 2012-2017 Mack Granite (GU), Pinnacle (CHU, CXU) and Titan (TD)

**Vehicle Type :** BUSES, MEDIUM & HEAVY VEHICLES

**Body Style :** OTHER

**Power Train :** DIESEL

**Descriptive Information :** Certain trucks manufactured from January 7, 2011 through September 29, 2016.

Granite: 2012, 2014, 2015, and 2017 (21 trucks in total)

Pinnacle: 2012 through 2017 (174 trucks in total)

Titan: 2013, 2014, 2015, and 2017 (4 trucks in total)

**Production Dates :** JAN 07, 2011 - SEP 29, 2016

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

## Description of Defect :

**Description of the Defect :** The front hubs used do not support the gross axle weight rating of the front axle. Specifically, 5,987 Kg (13,200 lbs.) rated front hubs were used on trucks requiring a 6,622 Kg (14,600 lbs.) rated front axle.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** This can result in premature failure of the hub, bearings etc., which may cause the front hub assembly to separate from the front axle. If the front hub assembly separates, the driver may lose control of the vehicle or parts may be dropped on the road that can present a risk for other motorist.

Mack Trucks has received no reports of hub failure or separation of the hub. Therefore, Mack Trucks considers this as a proactive measure to protect the public and our customers from the potential risk associated with this defect.

**Description of the Cause :** Required restriction were not in place.

**Identification of Any Warning that can Occur :** By performing the required inspections for checking wheel end play, hub assembly issues should be detected before separation can occur. In addition, the ABS malfunction light should provide warning as the distance between the ABS tone ring and the sensor increases (i.e. sensor loses contact with the tone ring).

## Supplier Identification :

### Component Manufacturer

Name : NR  
Address : NR  
NR  
Country : NR

## Chronology :

September 15, 2016 Potential issue identified with hub ratings

October 12, 2016 Preliminary information submitted to Product Safety Working Group for consideration. Investigation opened

November 21, 2016 Investigation results provided. Decision made to raise potential issue to the Product Safety Committee for decision.

December 13, 2016 Product Safety committee determines that a safety related defect exists and that a recall is required.

December 20, 2016 Mack Trucks informs NHTSA that a voluntary safety recall will be conducted to address the affected trucks

## Description of Remedy :

**Description of Remedy Program :** The repair will involve replacing the front hub assemblies with hub assemblies rated for 6,622 Kg (14,600 lbs). Pre-notification reimbursement requests will be address using established Pre-notification Remedy Plans on file with NHTSA.

**How Remedy Component Differs from Recalled Component :** Correctly rated hub assemblies are used.

**Identify How/When Recall Condition was Corrected in Production :** The appropriate restrictions were put in place in October 2016.

**Recall Schedule :**

**Description of Recall Schedule :** Dealers will be notified on December 22, 2016 and Owner will be notified by February 17, 2017.

**Planned Dealer Notification Date :** DEC 22, 2016 - DEC 22, 2016

**Planned Owner Notification Date :** FEB 17, 2017 - FEB 17, 2017

\* NR - Not Reported