

Part 573 Safety Recall Report

17V-315

Manufacturer Name : Daimler Trucks North America LLC**Submission Date :** MAY 11, 2017**NHTSA Recall No. :** 17V-315**Manufacturer Recall No. :** FL-738**Manufacturer Information :**

Manufacturer Name : Daimler Trucks North America LLC

Address : 4747 N. Channel Avenue

Portland OR 97217-3849

Company phone : 800-745-8000

Population :

Number of potentially involved : 698

Estimated percentage with defect : NR

Vehicle Information :

Vehicle 1 : 2017-2017 Freightliner Cascadia

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : All vehicles built with a NFD tandem rear axle

Production Dates : MAY 17, 2016 - APR 25, 2017

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2017-2017 Western Star 5700

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : All vehicles built with a NFD tandem rear axle

Production Dates : MAY 17, 2016 - APR 25, 2017

VIN Range 1 : Begin : NR End : NR

 Not sequential

Description of Defect :

Description of the Defect : The induction hardening on the output shaft may be too deep at the bolt hole for the yoke causing the area to be brittle. The brittle condition may lead to fracture of the output shaft during normal vehicle operation.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A sudden fracture of the through shaft at highway speed while descending a grade will render the compression brake ineffective and may lead to large debris on the road. These factors combined with the expected high failure rate increase the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

At the end of March 2017 DTNA received reports of failed through shafts on NFD axles. DTNA began an investigation to determine the scope and impact of the issue. During the investigation metallurgical analysis identified a potential issue with the heat treat of the through shaft. In May 2017, out of an abundance of caution, DTNA decided to conduct a voluntary recall on certain vehicles built with NFD axles.

Description of Remedy :

Description of Remedy Program : Affected vehicles will have the through shaft replaced. Repairs will be performed by Daimler Trucks North America authorized service facilities. Copies of the reimbursement plan will be submitted as a supplemental report when available.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : Customer notification will be made by first class mail using Daimler Trucks North America records to determine the customers affected.

Planned Dealer Notification Date : JUL 09, 2017 - JUL 09, 2017

Planned Owner Notification Date : JUL 09, 2017 - JUL 09, 2017

* NR - Not Reported