

Part 573 Safety Recall Report

18V-522

Manufacturer Name : Daimler Trucks North America LLC

Submission Date : AUG 08, 2018

NHTSA Recall No. : 18V-522

Manufacturer Recall No. : FL-784



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 : 116

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2018-2019 Freightliner Cascadia

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Vehicles within the referenced production dates equipped with a certain ZF pitman arm with a 14.6K or 14.7K rated axles.

Production Dates : FEB 09, 2017 - JUL 30, 2018

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The pitman arm supplier's engineering analysis has indicated there is a possibility of a slightly reduced fatigue life of the pitman arm. Any potential fracture of the component would only occur toward the end of life of the part.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If a crack occurs in the pitman arm and progresses completely through the component, it could result in separation of the part disconnecting the steering column from the steer axle, potentially leading to a loss of steering, increasing the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : ZF North America, INC.
Address : 800 Heath Street
Lafayette INDIANA 47904
Country : United States

Chronology :

March 2018, the pitman arm supplier notified DTNA of a forging revision for certain pitman arms. The supplier indicated that the pitman arms did not meet the supplier design specifications but were acceptable for use. The supplier did not recommend a replacement in the field at that time. June 2018, the supplier notified DTNA that the suspect pitman arms should be replaced due to the lower fatigue endurance limits of the currently installed pitman arm. The supplier recommended the pitman arm to be replaced at the next service interval once the new pitman arms are available. DTNA began an investigation to determine the scope of the issue. August 2018, while the supplier engineering analysis has shown that a failure in the field is unlikely, in an abundance of caution, DTNA decided to initiate a voluntary safety recall for vehicles equipped with the suspect pitman arm.

Description of Remedy :

Description of Remedy Program : The affected pitman arm will be replaced with a new pitman arm. 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 : OCT 06, 2018 - OCT 06, 2018

Planned Owner Notification Date : OCT 06, 2018 - OCT 06, 2018

* NR - Not Reported