

Defect Information Report

(Section 573.6)

FL-817

Date of Submission: *June 11, 2019*

Manufacturer: Daimler Trucks North America LLC
P.O. BOX 3849
Portland, Oregon 97208

Type of Report: Safety Defect Non-Compliance

Vehicle Information

Model Yr. Start: 2019 **Model Yr. End:** 2020

Make: *Freightliner*

Model: *Business Class M2*

Production Dates: **Begin:** *01/04/2019* **End:** *05/14/2019*

Model Yr. Start: 2020 **Model Yr. End:** 2020

Make: *Freightliner*

Model: *108SD*

Production Dates: **Begin:** *01/08/2019* **End:** *05/15/2019*

Descriptive Information: *Vehicles equipped with certain Meritor MX 120 EVO Front Drive Steer axles that Meritor has identified per the equipment recall 19E-036.*

Number potentially involved: 809 **Estimated percentage of involve with defect:** 0.1%

Defect / Noncompliance Description

For this Defect/Noncompliance:

Describe the defect or noncompliance: *Meritor states per NHTSA 19E-036, "Meritor MX 120 EVO axles were inadvertently assembled without oil in the wheel end system." Further, "assembling the axle without oil in the wheel end can result in over-heating of the wheel end bearings which can lead to damaged and/or seizing of bearings, plastic deformation of components, and eventually wheel end separation from the axle."*

Describe the safety risk: *Meritor states per NHTSA 19E-036, "Loss of vehicle control or property damage could result due to insufficient lubrication of the bearings in the wheel end system."*

If applicable, identify the manufacture of the defective or noncompliant component.

Meritor, Inc. 2135 West Maple Road Troy MI 48084

Chronology of Defect / Noncompliance Determination

Provide the chronology of events leading up to the defect decision or test data for the noncompliance decision.:

Mid May 2019, DTNA was notified by Meritor Inc. of two wheel off events on competitor vehicles from lack of oil in the front drive steer axle. DTNA and Meritor inspected MX EVO axles for the presence of oil at the affected truck manufacturing plants. Further, a single DTNA vehicle was identified during the manufacturing plant inspection with no oil in the front drive steer axle. This vehicle was repaired. DTNA has not received any reports of axles with no oil on vehicles delivered to customers. Late May 2019, Meritor notified DTNA of a NHTSA 573 submission on vehicles equipped with the Meritor MX EVO axles. In June 2019, due to Meritor filing an equipment recall 19E-036, and in an abundance of caution, DTNA has decided to recall the suspect vehicles identified by Meritor.

Identify the Remedy

Describe the defect/noncompliance remedy program, including the manufacture's plan for reimbursement.

Vehicles will be inspected for the presence of oil in the front drive steer hubs and repaired if necessary. 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.

Identify the Recall Schedule

Describe the recall schedule for notifications.:

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

Planned Dealer Notification Begin Date: 08/09/2019

Planned Dealer Notification End Date: 08/09/2019

Planned Owner Notification Begin Date: 08/09/2019

Planned Owner Notification End Date: 08/09/2019

Manufacture's identification code for this recall (if applicable): FL-817

DTNA Representative;



Andy Jones
Manager
Compliance and Regulatory Affairs