

Part 573 Safety Recall Report

21V-392

Manufacturer Name : Daimler Trucks North America, LLC**Submission Date :** JUL 13, 2021**NHTSA Recall No. :** 21V-392**Manufacturer Recall No. :** FL-889**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 : 8

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2019-2019 Freightliner eBusiness Class M2

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : HYBRID ELECTRIC

Descriptive Information : Certain Freightliner eBusiness Class M2 vehicles equipped with a Meritor 14Xe ePowertrain and certain motor stators that Meritor, Inc. has identified per equipment recall 21E-028.

Production Dates : SEP 08, 2018 - NOV 05, 2018

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Meritor states per NHTSA 21E-028, "The stator lug terminations were insufficiently crimped creating high resistance and ultimately excessive heat. "The operator may experience loss of power due to the accessory systems. The loss of power may lead to failure to propel and failure to energize the system."

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Meritor states per NHTSA 21E-028, "The operator may experience a loss of power to the accessory systems that can increase the risk of crash."

Description of the Cause : Meritor states per NHTSA 21E-028 "insufficiently crimped terminations"

Identification of Any Warning that can Occur : Meritor states per NHTSA 21E-028, "The operator can experience a warning from the supervisory controller preceding a loss of power."

Involved Components :

Component Name 1 : ePowertrain

Component Description : 14Xe

Component Part Number : A-3200A2653-657 or A-3200D2656-478

Supplier Identification :

Component Manufacturer

Name : Meritor, Inc

Address : 2135 West Maple Road
Troy Michigan 48084

Country : United States

Chronology :

On May 17, 2021, DTNA was notified of an equipment recall (21E-028) by its supplier, Meritor Inc. DTNA opened an investigation to determine the scope of the issue and to reconcile the list of vehicles that Meritor has provided with DTNA records. On May 21, 2021, DTNA made a determination to conduct a voluntary safety companion recall of the affected vehicles identified in Meritor's equipment recall 21E-028. June - July 2021, Meritor Inc. and DTNA have coordinated inspections and repairs for the impacted population, during this coordination, all DTNA impacted vehicles has been repaired prior to owner notifications, therefore, DTNA will not be notifying customers of recall.

Description of Remedy :

Description of Remedy Program : Inspections and repairs will be performed by Meritor for heat damage on the carrier terminal block. Vehicles with heat damage will be taken out of service and have the motor stators replaced. If no signs of heat damage are found, the vehicle will stay in service and the motor stator replacement will be scheduled as a preventive measure. Customers will be reimbursed for inspection process and defective parts by Meritor. Details of the reimbursement plan will be included in the owner's notification letter.

How Remedy Component Differs from Recalled Component : Meritor states per NHTSA 21E-028, "The remedied 14Xe ePowertrain will have stator lug terminations that are satisfactorily crimped."

Identify How/When Recall Condition was Corrected in Production : Meritor states per NHTSA 21E-028, "New crimp tool, training video and detailed work instructions provided to stakeholders."

Recall Schedule :

Description of Recall Schedule : All the vehicles in the population have been repaired, therefore DTNA will not be notifying customers.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported