

Part 573 Safety Recall Report

20V-251

Manufacturer Name : Daimler Trucks North America LLC**Submission Date :** MAY 05, 2020**NHTSA Recall No. :** 20V-251**Manufacturer Recall No. :** FL-850**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 : 5

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2019-2019 Freightliner Business Class M2

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Freightliner Business Class M2 vehicles equipped with a PowerDrive EV electric drivetrain with wire harnesses that facilitate communication among various control modules that Cummins Inc. has identified per equipment recall 20E-003.

Production Dates : AUG 27, 2018 - OCT 30, 2018

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Cummins states per NHTSA 20E-003, "A connector within the wire harness installed in the subject EV drivetrains may be susceptible to becoming unplugged. If the connector becomes unplugged, under certain circumstances, the communication between the control modules may be lost and the system may command off the high voltage contactors, resulting in unexpected loss of all systems powered by high voltage, including the traction drive system and power steering."

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Cummins states per NHTSA 20E-003, "A sudden and simultaneous loss of motive power and loss of power steering may increase the risk of a crash"

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : Powertrain

Component Description : PowerDrive EV Powertrain

Component Part Number : 4000EV/6000EV/7000EV

Supplier Identification :**Component Manufacturer**

Name : Cummins Inc.

Address : Box 3005, Mail Code 41303
Columbus INDIANA 47202-3005

Country : United States

Chronology :

On April 22, 2020, DTNA product Compliance and Regulatory Affairs received notification from Cummins of a quarterly recall completion report for equipment recall 20E-003. DTNA reviewed Cummins' Part 573 filing which indicated there was more than a single OEM affected. Although the completion report indicated that all of the affected DTNA vehicles had been remedied, DTNA Compliance and Regulatory Affairs recommended that a companion vehicle Part 573 should also be filed in addition to Cummins' equipment Part 573. On April 29, DTNA made a determination to file a defect information report on the five affected vehicles to supplement Cummins' equipment recall 20E-003.

Description of Remedy :

Description of Remedy Program : Cummins Inc. has reported completion of the affected DTNA field vehicles . Per NHTSA 20E-003, the remedy was to "install a cable tie around the connector body, routed under the connector locking tab, forcing it into locked position so that it cannot unplug."

How Remedy Component Differs NR
from Recalled Component :

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

Recall Schedule :

Description of Recall Schedule : Per Cummins' Quarterly Report, the affected vehicles in the field were reported repaired, therefore, DTNA will not be providing customer notifications related to this recall.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported