

# Part 573 Safety Recall Report

# 20V-686

**Manufacturer Name :** Daimler Trucks North America LLC

**Submission Date :** NOV 05, 2020

**NHTSA Recall No. :** 20V-686

**Manufacturer Recall No. :** FL-867



## Manufacturer Information :

## Population :

**Manufacturer Name :** Daimler Trucks North America LLC

**Number of potentially involved :** 104

**Address :** 4747 N. Channel Avenue

**Estimated percentage with defect :** 100 %

Portland OR 97217-3849

**Company phone :** 800-745-8000

## Vehicle Information :

**Vehicle 1 :** 2019-2021 Freightliner EconicSD

**Vehicle Type :** BUSES, MEDIUM & HEAVY VEHICLES

**Body Style :** OTHER

**Power Train :** NR

**Descriptive Information :** All Freightliner EconicSD manufactured within the above dates

**Production Dates :** JUN 24, 2019 - OCT 29, 2020

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

## Description of Defect :

**Description of the Defect :** The routing and securement of certain electrical power cables at the battery relay and ground cable may become damaged.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** A damaged power cable wire coming into contact with the ground cable at the battery relay may increase the risk of a thermal event from overloading the ground connection. Additionally, a damaged ground connection may also result in an unexpected engine stall without warning and inability to restart.

**Description of the Cause :** NR

**Identification of Any Warning that can Occur :** Pre-trip inspections include inspection of the battery and cable connections

## Involved Components :

Component Name 1 : Power Cables

Component Description : Power Cable Connection

Component Part Number : NR

## Supplier Identification :

### Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

## Chronology :

January – February 2020, DTNA received two complaints from the field of an engine shut down from a damaged ground connection. FCC began inspecting chassis' in the plant, and reviewing warranty claims. Neither plant inspections nor warranty data indicated any systemic issues.

June– August 2020, DTNA received a warranty claim indicating a no start condition from a damaged ground connection. This warranty claim was reviewed with engineering to compare with similar models manufactured in Europe, no systemic problems were found at the time. September – October 2020, DTNA continued researching this issue and received an additional warranty claim of a no start condition. During this review, engineering became aware of battery cable routing concerns. October 30, 2020, DTNA, with an abundance of caution, decided to initiate a voluntary safety recall to campaign the identified Freightliner EconicSD chassis to address potentially damaged ground and battery cables.

## Description of Remedy :

Description of Remedy Program : The left ground cable will be rerouted and receive a new connection joint. The battery cables will be reoriented and receive a new heat sleeve. Repairs will be performed by Daimler Trucks North America authorized service facilities. Details of the reimbursement plan will be included in the owner's notification letter.

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 : JAN 03, 2021 - JAN 03, 2021

Planned Owner Notification Date : JAN 03, 2021 - JAN 03, 2021

\* NR - Not Reported