

# Part 573 Safety Recall Report

# 20V-642

**Manufacturer Name :** Daimler Trucks North America LLC**Submission Date :** OCT 16, 2020**NHTSA Recall No. :** 20V-642**Manufacturer Recall No. :** FL-865**Manufacturer Information :****Population :**

Manufacturer Name : Daimler Trucks North America LLC

Number of potentially involved : 6,795

Address : 4747 N. Channel Avenue

Estimated percentage with defect : 100 %

Portland OR 97217-3849

Company phone : 800-745-8000

**Vehicle Information :**

Vehicle 1 : 2018-2019 Freightliner Cascadia

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Vehicles identified with automated manual transmissions with certain Eaton Fuller ECA Clutch between the affected build dates.

Production Dates : APR 10, 2017 - JUL 02, 2018

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2018-2019 Freightliner Business Class M2

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Vehicles identified with automated manual transmissions with certain Eaton Fuller ECA Clutch between the affected build dates.

Production Dates : APR 10, 2017 - JUL 02, 2018

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 3 : 2018-2019 Freightliner 108SD

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Vehicles identified with automated manual transmissions with certain Eaton Fuller ECA Clutch between the affected build dates.

Production Dates : APR 10, 2017 - JUL 02, 2018

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 4 : 2018-2019 Freightliner 114SD

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Vehicles identified with automated manual transmissions with certain Eaton Fuller ECA Clutch between the affected build dates.

Production Dates : APR 10, 2017 - JUL 02, 2018

VIN Range 1 : Begin : NR End : NR  Not sequential

Vehicle 5 : 2018-2019 Freightliner 122SD

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Vehicles identified with automated manual transmissions with certain Eaton Fuller ECA Clutch between the affected build dates.

Production Dates : APR 10, 2017 - JUL 02, 2018

VIN Range 1 : Begin : NR End : NR  Not sequential

Vehicle 6 : 2018-2019 Western Star 4700

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Vehicles identified with automated manual transmissions with certain Eaton Fuller ECA Clutch between the affected build dates.

Production Dates : APR 10, 2017 - JUL 02, 2018

VIN Range 1 : Begin : NR End : NR  Not sequential

Vehicle 7 : 2018-2019 Western Star 4900

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Vehicles identified with automated manual transmissions with certain Eaton Fuller ECA Clutch between the affected build dates.

Production Dates : APR 10, 2017 - JUL 02, 2018

VIN Range 1 : Begin : NR End : NR  Not sequential

Vehicle 8 : 2018-2019 Western Star 5700

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Vehicles identified with automated manual transmissions with certain Eaton Fuller ECA Clutch between the affected build dates.

Production Dates : APR 10, 2017 - JUL 02, 2018

VIN Range 1 : Begin :

NR

End : NR

Not sequential

## Description of Defect :

Description of the Defect : As per Eaton Corporation Recall 18E-102: "An internal component within the clutch assembly may be outside of specification and fail, which in special circumstances could cause such clutch component to inhibit clutch departure."

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : As per Eaton Corporation Recall 18E-102: "In the rare event that the clutch component fails in a manner that prevents the clutch from achieving proper departure, and created a condition that results in the transmission of enough driveline torque to prevent achieving a commanded neutral condition in the vehicle transmission, and the engine idles for a sufficient amount of time to cause driveline torque to increase as a result of loss of departure in the clutch, it is possible to achieve driveline torque sufficient to overcome the parking brakes, which could cause unintended vehicle motion, potentially resulting in a vehicle impact with prior warning."

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

## Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

## Supplier Identification :

**Component Manufacturer**

Name : Eaton Corporation  
Address : NR  
NR  
Country : NR

**Chronology :**

December 14, 2018, DTNA decided to conduct a voluntary safety recall FL803. Between then and September 2020, DTNA received no notification that the remedy to FL803 was insufficient. In September 2020, DTNA received a report of a vehicle with a clutch malfunction after FL803 recall repair that caused unintended motion of the vehicle. The FL803 recall repair for this vehicle was a transmission software update. As a result, DTNA reviewed the incident with the clutch supplier and confirmed that the unintended movement of the vehicle was due a clutch failure. As a result, on October 12, out of an abundance of caution, DTNA reasonably decided to conduct a voluntary recall as set forth in this report. This recall will supersede FL803.

**Description of Remedy :**

Description of Remedy Program : A software update will be performed and the clutches will be replaced. 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 : DEC 14, 2020 - DEC 14, 2020

Planned Owner Notification Date : DEC 14, 2020 - DEC 14, 2020

\* NR - Not Reported