

Part 573 Safety Recall Report

25V-046

Manufacturer Name : Daimler Trucks North America, LLC**Submission Date :** MAR 12, 2025**NHTSA Recall No. :** 25V-046**Manufacturer Recall No. :** F1017**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 : 810

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2020-2025 Freightliner eCascadia

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : HYBRID ELECTRIC

Descriptive Information : A defect, which relates to motor vehicle safety, exists in certain Model Year 2020 – 2025 Freightliner eCascadia and Model Year 2022-2026 eM2 vehicles. The affected vehicles are equipped with Electric Vehicle Power Distribution Module (EVDM). The recall population consists of vehicles manufactured from the start of production through January 2025, when the updated EVDM was fully implemented in production.

Production Dates : AUG 11, 2020 - JAN 13, 2025

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2022-2026 Freightliner eM2

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : HYBRID ELECTRIC

Descriptive Information : A defect, which relates to motor vehicle safety, exists in certain Model Year 2020 – 2025 Freightliner eCascadia and Model Year 2022-2026 eM2 vehicles. The affected vehicles are equipped with Electric Vehicle Power Distribution Module (EVDM). The recall population consists of vehicles manufactured from the start of production through January 2025, when the updated EVDM was fully implemented in production.

Production Dates : APR 12, 2021 - JAN 16, 2025

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Description of Defect :

Description of the Defect : A defect, which relates to motor vehicle safety, exists in certain Model Year 2020-2025 Freightliner eCascadia and Model Year 2022-2026 eM2 vehicles. The affected vehicles are equipped with Electric Vehicle Power Distribution Module (EVDM) where the connector plate assembly may pull away from and eventually separate from the housing, causing the pins to disconnect from one or more circuits.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The effects of the EVDM connector plate separating from the housing depend upon the circuit(s) that become disconnected. In the worst case, this may result in a loss of motive power to the vehicle without advanced warning, increasing the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : Depending on the circumstances and the circuit(s) that become disconnected, in some instances the driver may notice several instrument cluster messages and telltale lamps before the vehicle loses power.

Involved Components :

Component Name 1 : EVDM

Component Description : Electric Vehicle Power Distribution Module

Component Part Number : A66-30613-000

Component Name 2 : EVDM

Component Description : Electric Vehicle Power Distribution Module

Component Part Number : A66-35242-000

Supplier Identification :**Component Manufacturer**

Name : PKC Group

Address : 27500 Drake Rd Suite 250
Farmington Hills Michigan 48331

Country : United States

Chronology :

Refer to attached chronology.

Description of Remedy :

Description of Remedy Program : DTNA is developing the remedy for this recall and will amend the report once it is finalized. Repairs will be performed free of charge by Daimler Truck North America authorized service facilities. Details of the reimbursement plan will be included in the owner's notification letter. Owners are directed to seek reimbursement through authorized dealers.

How Remedy Component Differs from Recalled Component : Vehicles with the remedy component will have an EVDM that sufficiently adheres to the connector plate.

Identify How/When Recall Condition was Corrected in Production : DTNA fully implemented the updated EVDM in production mid January 2025.

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 : FEB 19, 2025 - FEB 19, 2025

Planned Owner Notification Date : JUN 30, 2025 - JUN 30, 2025

* NR - Not Reported