

Part 573 Safety Recall Report

22V-817

Manufacturer Name : Daimler Trucks North America, LLC**Submission Date :** OCT 18, 2024**NHTSA Recall No. :** 22V-817**Manufacturer Recall No. :** FL-958**Manufacturer Information :****Population :**

Manufacturer Name : Daimler Trucks North America, LLC

Number of potentially involved : 219,390

Address : 4747 N. Channel Avenue

Estimated percentage with defect : 1 %

Portland OR 97217-3849

Company phone : 800-745-8000

Vehicle Information :

Vehicle 1 : 2022-2022 Freightliner Business Class M2

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Only certain vehicles equipped with painted front axle modulator valves and Adaptive Cruise Control (ACC) technology are included in this recall.

Production Dates : NOV 01, 2021 - NOV 10, 2021

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

Vehicle 2 : 2021-2023 Western Star 49X

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Only certain vehicles equipped with painted front axle modulator valves and Adaptive Cruise Control (ACC) technology are included in this recall.

Production Dates : FEB 02, 2020 - MAR 26, 2022

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

Vehicle 3 : 2022-2022 Freightliner 114SD

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Only certain vehicles equipped with painted front axle modulator valves and Adaptive Cruise Control (ACC) technology are included in this recall.

Production Dates : NOV 09, 2021 - DEC 17, 2021

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

Vehicle 4 : 2022-2023 Western Star 47X

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Only certain vehicles equipped with painted front axle modulator valves and Adaptive Cruise Control (ACC) technology are included in this recall.

Production Dates : MAY 19, 2021 - MAR 22, 2022

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

Vehicle 5 : 2022-2022 Western Star 57X

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Only certain vehicles equipped with painted front axle modulator valves and Adaptive Cruise Control (ACC) technology are included in this recall.

Production Dates : NOV 03, 2021 - DEC 20, 2021

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

Vehicle 6 : 2017-2023 Freightliner Cascadia

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Only certain vehicles equipped with painted front axle modulator valves and Adaptive Cruise Control (ACC) technology are included in this recall.

Production Dates : MAY 03, 2016 - JUN 18, 2022

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

Vehicle 7 : 2019-2023 Freightliner Cascadia

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Only certain vehicles equipped with painted front axle modulator valves and Adaptive Cruise Control (ACC) technology are included in this recall.

Production Dates : MAR 12, 2018 - MAR 31, 2022

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

Description of Defect :

Description of the Defect : On certain vehicles, chemical corrosion could affect the functionality of the brake modulator valve, which during an Adaptive Cruise Control (ACC) braking event may result in full system pressure applied to one front wheel end causing brake pull from differential in brake force. Regular service brakes are unaffected.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A full system pressure applied to one front wheel end could lead to a brake pull resulting in a sudden change in vehicle direction due to uneven braking on the front axle increasing the risk of a motor vehicle crash.

Description of the Cause : Plastic enclosure and aluminum body allowed corrosion to occur.

Identification of Any Warning that can Occur : Driver's may get an ABS light prior to complete valve contamination.

Involved Components :

Component Name 1 : Single ABS Modulator Valve

Component Description : Quick Release Pneumatic Valve

Component Part Number : WAB472 196 037 0, WAB472 196 025 0

Supplier Identification :

Component Manufacturer

Name : ZF Group

Address : 12001 Tech Center Drive
Livonia Michigan 48150

Country : United States

Chronology :

Refer attachment.

Description of Remedy :

Description of Remedy Program : Affected vehicles will be inspected and have brake modulator valves replaced, as required. Eligible vehicles will get diagnostic software that can check valves for an emerging failure of the valve and will provide the driver with an in-vehicle alert. The remedy will be provided free of charge. Repairs will be performed by Daimler Trucks North America authorized service facilities. Customer notification will be done by first class mail using Daimler Trucks North America records to determine the customers affected. Daimler Truck North America shall be offering a refund for owner-paid repairs covered by this recall if the repair was performed prior to the date indicated in the reimbursement plan, which will be posted with owner's notification letter. Owners are directed to seek reimbursement through authorized dealer.

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. Eligible owners will be notified of the updated remedy in November 2024.

Planned Dealer Notification Date : DEC 30, 2022 - DEC 30, 2022

Planned Owner Notification Date : NOV 08, 2024 - NOV 08, 2024

* NR - Not Reported