



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

26V583

Manufacturer Name: Daimler Trucks North America, LLC

Submission Date: Sep 09, 2026

NHTSA Recall No.: 26V583

Manufacturer Recall No.: F1039

Manufacturer Information

Population

Manufacturer Name: Daimler Trucks North America, LLC

Address: 4747 N. Channel Avenue
Portland OR, 97217-3849

Total number of potentially involved: 2,404

Estimated percentage with defect: 100%

Vehicle Information

Vehicle 1: 2022-2022 WESTERN STAR 49X

Product Category: Buses, Medium & Heavy Vehicles

Product Type: Truck

Fuel / Propulsion: Compression Ignition Fuel

Production Dates: Jul 13, 2021 - Jul 28, 2021

Number of potentially involved: 2

Descriptive Information:

Certain Model Year 2020 – 2023 Freightliner Cascadia and Western Star 49X vehicles with a 4x2 axle configuration received a software only recall remedy under FL958 (NHTSA Recall# 22V817) and FL966 (NHTSA Recall# 23V073). While the software remedy is the appropriate remedy for other chassis configurations, it is incompatible with these vehicles.

Vehicle 2: 2021-2023 FREIGHTLINER CASCADIA

Product Category: Buses, Medium & Heavy Vehicles

Product Type: Truck

Fuel / Propulsion: Compressed Natural Gas

Production Dates: Nov 16, 2020 - Jan 24, 2022

Number of potentially involved: 2,210

Descriptive Information:

Certain Model Year 2020 – 2023 Freightliner Cascadia and Western Star 49X vehicles with a 4x2 axle configuration received a software only recall remedy under FL958 (NHTSA Recall# 22V817) and FL966

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(NHTSA Recall# 23V073). While the software remedy is the appropriate remedy for other chassis configurations, it is incompatible with these vehicles.

Vehicle 3: 2020-2023 FREIGHTLINER CASCADIA

Product Category: Buses, Medium & Heavy Vehicles

Product Type: Truck

Fuel / Propulsion: Compression Ignition Fuel

Production Dates: Aug 28, 2019 - Mar 22, 2022

Number of potentially involved: 2,402

Descriptive Information:

Certain Model Year 2020 – 2023 Freightliner Cascadia and Western Star 49X vehicles with a 4x2 axle configuration received a software only recall remedy under FL958 (NHTSA Recall# 22V817) and FL966 (NHTSA Recall# 23V073). While the software remedy is the appropriate remedy for other chassis configurations, it is incompatible with these vehicles.

Defect / Noncompliance Description

Description of the defect or noncompliance:

A defect, which relates to motor vehicle safety, exists in certain Model Year 2020 – 2023 Freightliner Cascadia and Western Star 49X vehicles which received a software only recall remedy that is incompatible with the vehicles' chassis configuration. The software remedy was intended to provide early warning to the operator about the presence of corrosion in the modulator valve. Chemical corrosion could affect the functionality of the brake modulator valve, which during an external braking event may result in full system pressure applied to one front wheel end causing a brake pull differential in braking force. Regular service brakes are unaffected.

FMVSS1:

FMVSS2:

Description of the safety risk, including crash, fire, death, injury:

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 system braking on the front axle increasing the risk of a motor vehicle crash.

Description of the cause:

Identification of any warning that can occur:

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Drivers may observe an ABS malfunction light prior to complete chemical corrosion contamination of the modulator valve.

Component Manufacturer

Tier of Supplier: Tier 1
Supplier Type: OEM
Name: ZF Group
Address: 12001 Tech Center Drive
Livonia MI, 48150
Country: United States

Involved Components

Component Name 1: Single ABS Modulator Valve
Component Description: Quick Release Pneumatic Valve
Component Part Number: WAB472 196 037 0

Component Name 2: Single ABS Modulator Valve
Component Description: Quick Release Pneumatic Valve
Component Part Number: WAB472 196 025 0

Chronology

During an internal process review in late August 2026, DTNA engineering staff became aware that a number of vehicles with 4x2 axle configurations had received a software only remedy under recalls FL958 (NHTSA Recall# 22V817) and FL966 (NHTSA Recall# 23V073) where a hardware replacement was the intended remedy for these vehicles. Upon further investigation and analysis of the impact of the software remedy on these vehicles, it was confirmed that the software remedy would not effectively address the defect on these vehicles due to an incompatibility between the vehicles and the software. Accordingly, on September 8, 2026, DTNA decided to conduct a safety recall to address this issue. At this time, there have not been reports of unexpected brake pulls on the affected population. No reports of accidents, fatalities and injury have been reported related to this issue.

Related NHTSA Recall Number: 23V073, 22V817

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Description of Remedy

Remedy Type:

Consumer Advisories: ☐ Do Not Drive ☐ Park Outside

Description of remedy program:

Affected vehicles will have brake modulator valves replaced. 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:

The original recall remedy was a software only solution that may not detect the presence of corrosion on the configuration of the affected units. The new recall remedy will be a hardware replacement as opposed to a software only remedy.

Identify how/when recall condition was corrected in production:

The recall condition only involves post-production vehicles which incorrectly received a software only recall remedy and does not affect vehicles in production.

Reimbursement Plan

Manufacturer used general reimbursement plan on file.

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: Sep 29, 2026 - Sep 29, 2026 ☐ No Dealers

Planned Interim Owner Notification Date: ☐ No Owners

Planned Remedy Owner Notification Date: Nov 08, 2026 - Nov 08, 2026 ☐ Phased Recall

Date when VIN will be searchable: