



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V760

Manufacturer Name: Daimler Trucks North America, LLC

Submission Date: Nov 04, 2025

NHTSA Recall No.: 25V760

Manufacturer Recall No.: F1027

Manufacturer Information

Population

Manufacturer Name: Daimler Trucks North
America, LLC
Address: 4747 N. Channel Avenue
Portland OR, 97217-3849

Total number of potentially involved: 18,783
Estimated percentage with defect: 2%

Vehicle Information

Vehicle 1: 2022-2022 WESTERN STAR 48X RHD

Product Category: Buses, Medium & Heavy Vehicles

Product Type:

Fuel / Propulsion: Compression Ignition Fuel

Production Dates: Mar 24, 2021 - Mar 24, 2021

Number of potentially involved: 1

Descriptive Information:

A defect, which relates to motor vehicle safety, exists in Model Year 2020-2026 Freightliner 108SD, 114SD, Business Class M2 and 122SD and Western Star 47X, 49X, 48X and 4700. The affected vehicles may have improperly installed fasteners on the axle clamp group. The recall population was determined based on a review of production records and includes vehicles from the start of production of the Tuftrac Gen 2 suspension until implementation of torque audits at each relevant manufacturing facility.

Vehicle 2: 2023-2023 WESTERN STAR 4700

Product Category: Buses, Medium & Heavy Vehicles

Product Type: Other

Fuel / Propulsion: Compression Ignition Fuel

Production Dates: Feb 10, 2022 - Feb 10, 2022

Number of potentially involved: 1

Descriptive Information:

A defect, which relates to motor vehicle safety, exists in Model Year 2020-2026 Freightliner 108SD, 114SD, Business Class M2 and 122SD and Western Star 47X, 49X, 48X and 4700. The affected vehicles may have improperly installed fasteners on the axle clamp group. The recall population was determined based on a review of production records and includes vehicles from the start of production

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of the Tuftrac Gen 2 suspension until implementation of torque audits at each relevant manufacturing facility.

Vehicle 3: 2020-2026 WESTERN STAR 49X

Product Category: Buses, Medium & Heavy Vehicles

Product Type: Other

Fuel / Propulsion: Compression Ignition Fuel

Production Dates: Mar 20, 2019 - Sep 15, 2025

Number of potentially involved: 1,967

Descriptive Information:

A defect, which relates to motor vehicle safety, exists in Model Year 2020-2026 Freightliner 108SD, 114SD, Business Class M2 and 122SD and Western Star 47X, 49X, 48X and 4700. The affected vehicles may have improperly installed fasteners on the axle clamp group. The recall population was determined based on a review of production records and includes vehicles from the start of production of the Tuftrac Gen 2 suspension until implementation of torque audits at each relevant manufacturing facility.

Vehicle 4: 2021-2026 WESTERN STAR 47X

Product Category: Buses, Medium & Heavy Vehicles

Product Type: Other

Fuel / Propulsion: Compression Ignition Fuel

Production Dates: Jul 08, 2020 - Sep 18, 2025

Number of potentially involved: 4,929

Descriptive Information:

A defect, which relates to motor vehicle safety, exists in Model Year 2020-2026 Freightliner 108SD, 114SD, Business Class M2 and 122SD and Western Star 47X, 49X, 48X and 4700. The affected vehicles may have improperly installed fasteners on the axle clamp group. The recall population was determined based on a review of production records and includes vehicles from the start of production of the Tuftrac Gen 2 suspension until implementation of torque audits at each relevant manufacturing facility.

Vehicle 5: 2021-2023 FREIGHTLINER 122SD

Product Category: Buses, Medium & Heavy Vehicles

Product Type: Other

Fuel / Propulsion: Compression Ignition Fuel

Production Dates: Jan 22, 2020 - Dec 21, 2022

Number of potentially involved: 457

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Descriptive Information:

A defect, which relates to motor vehicle safety, exists in Model Year 2020-2026 Freightliner 108SD, 114SD, Business Class M2 and 122SD and Western Star 47X, 49X, 48X and 4700. The affected vehicles may have improperly installed fasteners on the axle clamp group. The recall population was determined based on a review of production records and includes vehicles from the start of production of the Tuftrac Gen 2 suspension until implementation of torque audits at each relevant manufacturing facility.

Vehicle 6: 2021-2026 FREIGHTLINER BUSINESS CLASS M2

Product Category: Buses, Medium & Heavy Vehicles

Product Type: Other

Fuel / Propulsion: Compressed Natural Gas

Production Dates: Feb 07, 2020 - Apr 04, 2025

Number of potentially involved: 4,677

Descriptive Information:

A defect, which relates to motor vehicle safety, exists in Model Year 2020-2026 Freightliner 108SD, 114SD, Business Class M2 and 122SD and Western Star 47X, 49X, 48X and 4700. The affected vehicles may have improperly installed fasteners on the axle clamp group. The recall population was determined based on a review of production records and includes vehicles from the start of production of the Tuftrac Gen 2 suspension until implementation of torque audits at each relevant manufacturing facility.

Vehicle 7: 2020-2026 FREIGHTLINER BUSINESS CLASS M2

Product Category: Buses, Medium & Heavy Vehicles

Product Type: Other

Fuel / Propulsion: Compression Ignition Fuel

Production Dates: Aug 15, 2019 - Sep 02, 2025

Number of potentially involved: 4,678

Descriptive Information:

A defect, which relates to motor vehicle safety, exists in Model Year 2020-2026 Freightliner 108SD, 114SD, Business Class M2 and 122SD and Western Star 47X, 49X, 48X and 4700. The affected vehicles may have improperly installed fasteners on the axle clamp group. The recall population was determined based on a review of production records and includes vehicles from the start of production of the Tuftrac Gen 2 suspension until implementation of torque audits at each relevant manufacturing facility.

Vehicle 8: 2021-2026 FREIGHTLINER 114SD

Product Category: Buses, Medium & Heavy Vehicles

Product Type: Other

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A defect, which relates to motor vehicle safety, exists in Model Year 2020-2026 Freightliner 108SD, 114SD, Business Class M2 and 122SD and Western Star 47X, 49X, 48X and 4700. The affected vehicles may have improperly installed fasteners on the axle clamp group. The recall population was determined based on a review of production records and includes vehicles from the start of production of the Tuftrac Gen 2 suspension until implementation of torque audits at each relevant manufacturing facility.

Vehicle 9: 2020-2026 FREIGHTLINER 114SD**Product Category:** Buses, Medium & Heavy Vehicles**Product Type:** Other**Fuel / Propulsion:** Compression Ignition Fuel**Production Dates:** Aug 09, 2019 - Sep 04, 2025**Number of potentially involved:** 5,535**Descriptive Information:**

A defect, which relates to motor vehicle safety, exists in Model Year 2020-2026 Freightliner 108SD, 114SD, Business Class M2 and 122SD and Western Star 47X, 49X, 48X and 4700. The affected vehicles may have improperly installed fasteners on the axle clamp group. The recall population was determined based on a review of production records and includes vehicles from the start of production of the Tuftrac Gen 2 suspension until implementation of torque audits at each relevant manufacturing facility.

Vehicle 10: 2020-2026 FREIGHTLINER 108SD**Product Category:** Buses, Medium & Heavy Vehicles**Product Type:** Other**Fuel / Propulsion:** Compression Ignition Fuel**Production Dates:** Sep 12, 2019 - Sep 03, 2025**Number of potentially involved:** 1,215**Descriptive Information:**

A defect, which relates to motor vehicle safety, exists in Model Year 2020-2026 Freightliner 108SD, 114SD, Business Class M2 and 122SD and Western Star 47X, 49X, 48X and 4700. The affected vehicles may have improperly installed fasteners on the axle clamp group. The recall population was determined based on a review of production records and includes vehicles from the start of production of the Tuftrac Gen 2 suspension until implementation of torque audits at each relevant manufacturing facility.

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Defect / Noncompliance Description

Description of the defect or noncompliance:

A defect, which relates to motor vehicle safety, exists in Model Year 2020-2026 Freightliner 108SD, 114SD, Business Class M2 and 122SD and Western Star 47X, 49X, 48X and 4700. The affected vehicles may have improperly torqued fasteners on the axle clamp group.

FMVSS1:

FMVSS2:

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

If the fasteners are not properly torqued, they may loosen over time and could fail. If two or more fasteners within the same axle clamp group fail, the clamp group could release the axle leading to a dynamic thrust angle axle misalignment, impacting the driver's ability to maintain control of the vehicle and increasing the risk of a crash.

Description of the cause:

Identification of any warning that can occur:

Loose fasteners could be noticeable during a pre-trip inspection or routine maintenance, which for heavy-duty vehicles vocational vehicles of this type occurs every 10,000 miles.

Component Manufacturer

Tier of Supplier:

Supplier Type:

Name: Daimler Truck

Address: 4747 N. Channel Avenue
Portland OR, 97217

Country: United States

Involved Components

Component Name 1: BOLT

Component Description: HEXAGON, BLACK, M18 X 1.5 X230

Component Part Number: 23-14068-230

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Component Name 2: CLAMP

Component Description: AXLE, UPPER, 117, LEFT HAND/RIGHT HAND

Component Part Number: 11-30302-000

Component Name 3: RETAINER

Component Description: AXLE, REAR, 117, LEFT HAND/RIGHT HAND

Component Part Number: 11-30226-000

Chronology

In February 2025, following two recently received individualized field reports from in-use vehicles of loose suspension fasteners on vehicles with a TufTrac Gen 2 suspension and an initial engineering analysis of potential outcomes, DTNA initiated an investigation. This specific suspension option is used exclusively on specialized heavy duty vocational vehicles, not used in high mileage operation (e.g. refuse trucks, concrete mixers, or dump bodies). DTNA reviewed the issue and initial findings with NHTSA in March 2025 and in April 2025. At that time DTNA did not have an indication of a systemic issue given the heavy duty application and low number of claims. DTNA reasonably believed that if a suspension fastener came loose the issue would likely be caught and addressed in suspension checks within pre-trip inspections and frequent maintenance intervals that are required for heavy-duty vocational vehicles of this sort. Accordingly, DTNA decided to continue monitoring the issue. Nonetheless, DTNA implemented various improvements to the manufacturing process.

From late April through mid-July 2025, as increasing numbers of vehicles with this optional suspension began accumulating miles, DTNA received an increasing number of reports relating to loose, broken, and missing casting bolts. Four reports alleged an axle shift or impact to steerability. Consequently, DTNA decided to reopen the investigation in August 2025 and rereview the failure rate and potential failure outcomes. Based on new information related to the potential severity of failure outcomes, on October 29, 2025, DTNA decided to conduct a safety recall to address this issue. DTNA is aware of 274 warranty claims occurring between June 29, 2020, and September 29, 2025, 21 of field reports occurring between January 31, 2022, and October 15, 2025, and 10 of incident reports occurring between April 24, 2025, and August 11, 2025, potentially related to this issue. There have been no reports of deaths or injuries reported on this issue.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type:

Consumer Advisories: Do Not Drive Park Outside

Description of remedy program:

DTNA is preparing the remedy, which is currently under development. Repairs will be performed free of

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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:

Identify how/when recall condition was corrected in production:

Torque audits are performed for each TufTrac Gen 2 rear suspension vehicle at each of DTNA's related manufacturing plants as of the following dates; 8 September 2025 for Mt. Holly plant, 23rd September 2025 for Portland plant, 10th July 2025 for Santiago plant, and 11th August 2025 for Cleveland plant.

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: Nov 24, 2025 - Nov 24, 2025 No Dealers

Planned Interim Owner Notification Date: No Owners

Planned Remedy Owner Notification Date: Jan 03, 2026 - Jan 03, 2026 Phased Recall

Date when VIN will be searchable: