

# Part 573 Safety Recall Report

# 24V-736

**Manufacturer Name :** Daimler Trucks North America, LLC**Submission Date :** NOV 18, 2024**NHTSA Recall No. :** 24V-736**Manufacturer Recall No. :** F1010**Manufacturer Information :****Population :**

Manufacturer Name : Daimler Trucks North America, LLC

Number of potentially involved : 620

Address : 4747 N. Channel Avenue

Estimated percentage with defect : 3 %

Portland OR 97217-3849

Company phone : 800-745-8000

**Vehicle Information :**

Vehicle 1 : 2025-2025 FCCC XCM Chassis

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

**Descriptive Information :** The recall population includes certain model year 2025 Freightliner Cascadia, model year 2025 Western Star 49X and model year 2025 Freightliner Custom Chassis XCM and XCP Chassis equipped with certain Cummins X15 fuel pumps (Option Number FP10323) that were manufactured between certain production dates identified by the engine supplier. The recall population also includes some model year 2025 Freightliner Cascadia, and model year 2023 through 2025 Western Star 49X vehicles equipped with suspect Cummins X15 fuel pumps installed as replacement equipment or with a remanufactured or replacement engine.

Production Dates : AUG 01, 2024 - SEP 04, 2024

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2025-2025 FCCC XCP Chassis

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

**Descriptive Information :** The recall population includes certain model year 2025 Freightliner Cascadia, model year 2025 Western Star 49X and model year 2025 Freightliner Custom Chassis XCM and XCP Chassis equipped with certain Cummins X15 fuel pumps (Option Number FP10323) that were manufactured between certain production dates identified by the engine supplier. The recall population also includes some model year 2025 Freightliner Cascadia, and model year 2023 through 2025 Western Star 49X vehicles equipped with suspect Cummins X15 fuel pumps installed as replacement equipment or with a remanufactured or replacement engine.

Production Dates : JUL 26, 2024 - SEP 09, 2024

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2025-2025 Freightliner Cascadia

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

**Descriptive Information :** The recall population includes certain model year 2025 Freightliner Cascadia, model year 2025 Western Star 49X and model year 2025 Freightliner Custom Chassis XCM and XCP Chassis equipped with certain Cummins X15 fuel pumps (Option Number FP10323) that were manufactured between certain production dates identified by the engine supplier. The recall population also includes some model year 2025 Freightliner Cascadia, and model year 2023 through 2025 Western Star 49X vehicles equipped with suspect Cummins X15 fuel pumps installed as replacement equipment or with a remanufactured or replacement engine.

Production Dates : JAN 25, 2024 - OCT 25, 2024

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2023-2025 Western Star 49X

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

**Descriptive Information :** The recall population includes certain model year 2025 Freightliner Cascadia, model year 2025 Western Star 49X and model year 2025 Freightliner Custom Chassis XCM and XCP Chassis equipped with certain Cummins X15 fuel pumps (Option Number FP10323) that were manufactured between certain production dates identified by the engine supplier. The recall population also includes some model year 2025 Freightliner Cascadia, and model year 2023 through 2025 Western Star 49X vehicles equipped with suspect Cummins X15 fuel pumps installed as replacement equipment or with a remanufactured or replacement engine.

Production Dates : SEP 23, 2022 - SEP 19, 2024

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 2025 Freightliner Cascadia, model year 2023 through 2025 Western Star 49X and model year 2025 Freightliner Custom Chassis XCM and XCP Chassis. DTNA's supplier Cummins per NHTSA Recall filing 24E-078 states, "The fuel pump barrels installed on some of the engines in the subject population may have been built using low fatigue strength parts, making them susceptible to fracture."

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** DTNA's supplier Cummins per NHTSA Recall filing 24E-078 states, "If a fuel pump barrel fractures, an external fuel leak and sudden loss of fuel pressure

may occur, potentially causing the engine to stall without the ability to restart. An engine stall without the ability to restart may increase the risk of a crash.”

**Description of the Cause :** DTNA's supplier Cummins per NHTSA Recall filing 24E-078 states, “Defective parts have incomplete heat treat scale removal and nonconforming shot peening coverage, resulting in low fatigue strength. A quality issue in the heat treatment process created a nonconforming, abnormal surface layer with reduced hardness on some of the parts. This softer surface layer could potentially prevent the shot peening operation from being fully effective.”

**Identification of Any Warning that can Occur :** DTNA's supplier Cummins per NHTSA Recall filing 24E-078 states, “The vehicle operator may experience reduced performance and / or may see a warning lamp when fuel pressure drops below the commanded value. Persons in or around the vehicle may also see or smell diesel fuel.”

## Involved Components :

**Component Name 1 :** Cummins X15 Fuel Pump

**Component Description :** Fuel Pump Option Number FP10323

**Component Part Number :** D103019BX03

## Supplier Identification :

### Component Manufacturer

**Name :** Cummins Inc.

**Address :** Box 3005

Columbus Indiana 47202-3005

**Country :** United States

## Chronology :

On September 25, 2024, DTNA was provided a copy of a recall report submitted by Cummins, Inc. (24E-078) as well as a list of affected engine serial numbers. DTNA commenced an investigation into the issue and found preliminary information indicating that some engines in the suspect range of serial numbers provided by the supplier were installed in vehicles. On October 1, 2024, DTNA decided to conduct a recall of vehicles equipped with the subject engines. DTNA is not aware of any warranty claims, field service reports, deaths, injuries, or property damage claims related to this issue. On October 4, 2024, DTNA amended the defect report to correct a typographical error in the description of the safety risk. On November 12, 2024, DTNA amended the defect report to add 22 more vehicles in the population. On November 14, 2024, DTNA identified certain US domiciled

vehicles incorrectly believed to have been exported, and DTNA identified there was one engine that the supplier was supposed to have corrected prior to installation in a vehicle but had not. Additionally, on the same day, the supplier advised DTNA that it had identified a small number of suspect parts and engines with suspect parts from the aftermarket had been installed in DTNA vehicles. On November 18, 2024, DTNA amended the DIR population to update the affected population of vehicles and engines accordingly.

## Description of Remedy :

Description of Remedy Program : DTNA's supplier Cummins per NHTSA Recall filing 24E-078 states, "The remedy is to replace the suspect fuel pump barrels (two (2) barrels per fuel pump) with new verified parts."

How Remedy Component Differs from Recalled Component : DTNA's supplier Cummins per NHTSA Recall filing 24E-078 states, " The remedy components have been made to the correct heat treatment and shot peening specifications, resulting in the expected component fatigue strength."

Identify How/When Recall Condition was Corrected in Production : NR

## Recall Schedule :

Description of Recall Schedule : Cummins will provide the remedy for this recall through its repair network and will submit all quarterly completion rate reports. The dealer notification date listed is the date that Cummins states that it intends to launch the campaign. DTNA will submit copies of the customer notification issued by Cummins following their receipt.

Planned Dealer Notification Date : OCT 16, 2024 - OCT 16, 2024

Planned Owner Notification Date : NOV 22, 2024 - NOV 22, 2024

\* NR - Not Reported