

# Part 573 Safety Recall Report

# 22V-443

**Manufacturer Name :** Daimler Trucks North America, LLC**Submission Date :** JUN 28, 2022**NHTSA Recall No. :** 22V-443**Manufacturer Recall No. :** FL-941**Manufacturer Information :****Population :**

Manufacturer Name : Daimler Trucks North America, LLC

Number of potentially involved : 17

Address : 4747 N. Channel Avenue

Estimated percentage with defect : 100 %

Portland OR 97217-3849

Company phone : 800-745-8000

**Vehicle Information :**

Vehicle 1 : 2022-2022 Freightliner Cascadia

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Specific vehicles with a limited production braking system.

Production Dates : OCT 28, 2021 - DEC 17, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : In certain specific scenarios where the primary brake system loses functionality and at the same time, the redundant braking system fails, two unlikely events that would need to occur independently and simultaneously, there is the possibility that the emergency braking system would not engage.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the emergency braking system does not engage when it is required, loss of braking ability may occur which increases the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : An amber warning light and a low air indicator will both appear on the dash when braking systems are not functioning properly

**Involved Components :**

Component Name 1 : Valve

Component Description : Double check valve

Component Part Number : BW 278614

## Supplier Identification :

### Component Manufacturer

Name : Bendix Commercial Vehicle Systems, LLC

Address : 3550 Chester Road  
Avon Ohio 44011

Country : United States

## Chronology :

In calendar year 2021, DTNA theorized that a failure of two independent systems at the same time could cause some lack of brake functionality but considered the likelihood of occurrence so low as to not present an unreasonable risk to motor vehicle safety. In February 2022, DTNA was able to create the simultaneous occurrence of those two failures on a test vehicle, with no accident occurring. DTNA promptly began an investigation of the regulatory and safety impacts. At that time, DTNA determined that the system is compliant with all applicable regulations, including (but not limited to) the emergency brake provisions of FMVSS 121. DTNA considered various safety modes of operation. To the best of DTNA's knowledge, there are zero warranty claims and zero field reports concerning this issue. DTNA is not aware of any death or injury related to this issue. On June 15, 2022, DTNA decided that, although the likelihood of the dual-simultaneous occurrences being extremely low, that out of an abundance of caution DTNA would perform a voluntary safety recall campaign for this very specific group of vehicles.

## Description of Remedy :

Description of Remedy Program : A double check valve will be added to all vehicles. Repairs will be performed by Daimler Truck North America authorized service facilities. 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 dealers.

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.  
Planned Dealer Notification Date : AUG 21, 2022 - AUG 21, 2022  
Planned Owner Notification Date : AUG 21, 2022 - AUG 21, 2022

\* NR - Not Reported