

Part 573 Safety Recall Report

22V-374

Manufacturer Name : Daimler Trucks North America, LLC**Submission Date :** JUN 03, 2022**NHTSA Recall No. :** 22V-374**Manufacturer Recall No. :** FL-936**Manufacturer Information :****Population :**

Manufacturer Name : Daimler Trucks North America, LLC

Number of potentially involved : 4

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 limited production vehicles that are equipped with a double check valve for towing or decking purposes.

Production Dates : NOV 16, 2021 - DEC 17, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : On a specific DTNA-owned truck used for testing purposes, the double check valve was found to be trapping air in the backup pneumatic air circuit under rare situations. Trapped air may cause unintended or prolonged service brake application, which may result in rear axle to lock while the vehicle is in motion. Out of an abundance of caution, DTNA is recalling the limited population of vehicles built to date with the same, unique valve configuration. Note as of June 3, 2022: DTNA has removed the particular double check valve from all affected vehicles, thereby eliminating the known defect.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Rear axle locking up while the vehicle is in motion may result in generation of additional frictional force, which may cause the brake components to fail prematurely due to over time heat buildup. In rare cases, especially if the axle lock up is ignored by the driver, may increase the vehicle stopping distance, increasing the risk of a crash. As of today, DTNA is not aware of any incidents due to this defect. Note as of June 3, 2022: DTNA has removed the particular double check valve from all affected vehicles, thereby eliminating the known

safety risk.
Description of the Cause : NR
Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : Double Check Valve
Component Description : Pneumatic Valve
Component Part Number : BW 278614

Supplier Identification :

Component Manufacturer

Name : Bendix Corp Heavy Vehicle Systems Group
Address : 100 Jessica Ln
Del Rio Texas 78840-8527
Country : United States

Chronology :

On or about May 5, 2022, DTNA received a notification from its Engineering group that, while testing a specific DTNA owned vehicle that had not been sold to commerce, there was a situation that resulted in an unintended brake application. At that time, DTNA believed the issue to be an isolated occurrence on only one vehicle with unknown cause and unknown population. DTNA promptly began an investigation into that vehicle and other vehicles like it, which were produced in only a very limited production run. On or about May 16, DTNA determined that the occurrence could occur on a population of 4 vehicles, as listed on the prior 573 report. On or about May 18, 2022, after DTNA verified the limited population of vehicles potentially subject to the defect to the extent necessary to declare a recall and file that 573 report, out of abundance of caution, DTNA decided to conduct a voluntary safety recall campaign for this very specific group of vehicles to remove the double check valve from the backup pneumatic circuit. As of today, DTNA is not aware of any incidents due to this defect. June 3, 2022, DTNA captured and repaired the 4 vehicles at DTNA's own expense.

Description of Remedy :

Description of Remedy Program : No more vehicles remain in the population so an owner notification no longer remains necessary.
Daimler Truck North America captured and repaired the vehicles at DTNA's own expense.

How Remedy Component Differs from Recalled Component : NR

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

Recall Schedule :

Description of Recall Schedule : No more vehicles remain in the population so an owner notification no longer remains necessary.

Planned Dealer Notification Date : JUL 23, 2022 - JUL 23, 2022

Planned Owner Notification Date : JUL 23, 2022 - JUL 23, 2022

* NR - Not Reported