

Part 573 Safety Recall Report

21V-007

Manufacturer Name : Daimler Trucks North America, LLC**Submission Date :** JAN 21, 2021**NHTSA Recall No. :** 21V-007**Manufacturer Recall No. :** FL872**Manufacturer Information :****Population :**

Manufacturer Name : Daimler Trucks North America, LLC

Number of potentially involved : 4,341

Address : 4747 N. Channel Avenue

Estimated percentage with defect : 100 %

Portland OR 97217-3849

Company phone : 800-745-8000

Vehicle Information :

Vehicle 1 : 2020-2022 Freightliner Cascadia

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Cascadia sleeper trucks with Bridgestone R284, R268, or R283S ECOPIA steer axle tires and in conjunction with a specific air dam.

Production Dates : FEB 05, 2019 - JAN 08, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : In the interests of safety, DTNA is filing this report in connection with incidents of certain Bridgestone steer tire tread separation and blow-outs during operation. As of the date of this report, and while root cause has not been determined, DTNA's best understanding is that the defect mechanism may be potentially caused by elevated tire temperatures during vehicle operation, leading to tire failure and loss of vehicle control. DTNA notes that there are multiple possible factors that might contribute to Bridgestone tire failures, including under inflation, road speed, overloading, application usage, high ambient temperature and aerodynamic features. DTNA may supplement this report with updated information pursuant to 49 C.F.R. 573.6(b), as appropriate.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Tread separation and/or blow-outs during operation may result in a loss of vehicle control.

Description of the Cause : NR

Identification of Any Warning : Drivers must conduct pre & post trip inspections of tire sidewall and tread condition, maintain proper tire pressures as required by the supplier, observe

that can Occur : tire speed ratings, and take cautionary measures when warnings of low tire pressure and/or elevated tire temperatures are indicated on driver's notification screen at the dash panel on those trucks equipped with Tire Pressure Monitoring Systems (TPMS).

Involved Components :

Component Name 1 : Bridgestone R284, R268, R283S ECOPIA

Component Description : steer tires

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : Bridgestone Americas, Inc.

Address : NR

NR

Country : United States

Chronology :

In or about August 2020, DTNA was made aware of several steer tire failures. DTNA began investigating and during the investigation, DTNA received additional failure reports mid through late September 2020, prompting meetings and discussions with the supplier, Bridgestone, to better understand the failures. Between October 2020 through December 2020, DTNA engaged the tire supplier several times, field personnel visited customers, and conducted additional testing to understand the nature of the issue, the safety consequences, and the possible population of affected vehicles. DTNA Compliance openly and transparently discussed this topic with NHTSA's Office of Defects Investigation (ODI) during this time period. DTNA's best, good-faith understanding throughout this time period was that the issue was under-inflation. As DTNA continued to investigate the issue, new reports of failures were received. While no root cause has been determined due to multiple, heat-contributing factors to the tire and out of an abundance of caution, on January 8, 2021, DTNA reasonably decided to conduct a voluntary safety recall. On January 12, 2021, DTNA added an additional tire model to the population to be included in the recall.

Description of Remedy :

Description of Remedy Program : In the absence of better information about the population, and out of an abundance of caution, based upon our current, good faith understanding, DTNA will perform the following corrective action: the aforementioned steer tires will be replaced. Repairs will be performed through Daimler Trucks North America authorized service facilities by authorized tire mounting and balancing contractors. Customer notification will be done by first class mail using Daimler Trucks North America records to determine the customers affected. Details of the reimbursement plan will be included in the owner's notification letter.

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 : MAR 13, 2021 - MAR 13, 2021

Planned Owner Notification Date : MAR 13, 2021 - MAR 13, 2021

* NR - Not Reported