

Part 573 Safety Recall Report

20V-529

Manufacturer Name : Daimler Trucks North America, LLC**Submission Date :** APR 23, 2021**NHTSA Recall No. :** 20V-529**Manufacturer Recall No. :** FL-861**Manufacturer Information :****Population :**

Manufacturer Name : Daimler Trucks North America, LLC

Number of potentially involved : 10,359

Address : 4747 N. Channel Avenue

Estimated percentage with defect : 4 %

Portland OR 97217-3849

Company phone : 800-745-8000

Vehicle Information :

Vehicle 1 : 2018-2019 Freightliner Custom Chass XCL chassis

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Certain motorhome chassis equipped with a valve stem extension and stabilizer configured with a specific tire valve stem and wheel combination.

Production Dates : FEB 20, 2017 - AUG 26, 2020

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2018-2021 Freightliner Custom Chass XCM chassis

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Certain motorhome chassis equipped with a valve stem extension and stabilizer configured with a specific tire valve stem and wheel combination.

Production Dates : FEB 20, 2017 - AUG 26, 2020

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2017-2021 Freightliner Custom Chass XCR Chassis

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Certain motorhome chassis equipped with a valve stem extension and stabilizer configured with a specific tire valve stem and wheel combination.

Production Dates : FEB 20, 2017 - AUG 26, 2020

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 4 : 2018-2021 Freightliner Custom Chass XCS Chassis

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Certain motorhome chassis equipped with a valve stem extension and stabilizer configured with a specific tire valve stem and wheel combination.

Production Dates : FEB 20, 2017 - AUG 26, 2020

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 5 : 2018-2021 Freightliner Custom Chass MC Chassis

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Certain motorhome chassis equipped with a valve stem extension and stabilizer configured with a specific tire valve stem and wheel combination.

Production Dates : FEB 20, 2017 - AUG 26, 2020

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : On affected chassis, the tire valve stem extension for the inner wheel may contact the outer wheel rim opening and become damaged. Extensive damage to the valve stem extension may result in a loss of tire pressure of the inner wheel.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Motorhome vehicle drivers may not be required to hold a commercial driver's license and daily pre-trip inspections may not be required which would enable early detection of the issue. The potentially affected chassis population may not be equipped with a factory tire pressure monitoring system and visual inspection of the inner tire on a single drive axle motor home is difficult due to the close proximity of the motorhome body. Due to the high failure rate and reduced detectability a loss of air pressure in the inner tire on a vehicle with a single drive axle may result in an overloaded outer tire. While DTNA has not received any reports of an incident related to this defect, extended driving with an overloaded tire may increase the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : Operators may identify an audible rattling noise from the stem extension rubbing against the wheel opening while driving. Visual inspection during inspection or during maintenance may reveal stabilizer is dislocated, damage to the stem extension, or the rim, and low tire pressure of the inner tire.

Involved Components :

Component Name 1 : wheel/rim outer

Component Description : wheel/rim

Component Part Number : ACC40620

Component Name 2 : wheel/rim inner

Component Description : wheel/rim

Component Part Number : ACC50487

Component Name 3 : wheel/rim inner

Component Description : wheel/rim

Component Part Number : ACC51487

Component Name 4 : Extension stabilizer

Component Description : rubber stabilizer

Component Part Number : 13-10232-000

Component Name 5 : Stem extension

Component Description : valve extension

Component Part Number : 13-10026-000

Component Name 6 : Valve stem

Component Description : tire valve stem

Component Part Number : 13-10303-000

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR
NR
Country : NR

Chronology :

January of 2020, NHTSA notified DTNA of an owner questionnaire that may be related to FL-764. Also in January 2020 DTNA opened an investigation to review the report, additional warranty claims, and reevaluate the scope of FL-764. February to June 2020 DTNA held on-going monthly reviews sharing finding details with NHTSA ODI regarding warranty claims, VOQ's, and returned part analysis. July 2020 DTNA further expanded the warranty analysis to include multiple configurations and a larger vehicle population for DTNA internal review. August 2020, during DTNAs continuing efforts to analyze data it was determined that the complaints were isolated to configuration involving a certain valve stem when configured with certain outer and inner wheels. On-going investigation continues to determine the root cause(s) of failure for this configuration. In August 2020 DTNA, in an abundance of caution due to the expected high failure rate of 4%, decided to initiate a voluntary recall to campaign certain motorhome chassis equipped with a valve stem extension and stabilizer configured with a specific tire valve stem and wheel combinations.

Description of Remedy :

Description of Remedy Program : The inner wheel valve stem stabilizers will be inspected and the valve stems adjusted or replaced as needed. Repairs will be performed by Daimler Trucks North America authorized service facilities. 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 : OCT 30, 2020 - OCT 30, 2020

Planned Owner Notification Date : OCT 30, 2020 - OCT 30, 2020

* NR - Not Reported