

Part 573 Safety Recall Report

21V-921

Manufacturer Name : Daimler Trucks North America, LLC**Submission Date :** FEB 09, 2022**NHTSA Recall No. :** 21V-921**Manufacturer Recall No. :** FL912**Manufacturer Information :****Population :**

Manufacturer Name : Daimler Trucks North America, LLC

Number of potentially involved : 19,016

Address : 4747 N. Channel Avenue

Estimated percentage with defect : 1 %

Portland OR 97217-3849

Company phone : 800-745-8000

Vehicle Information :

Vehicle 1 : 2018-2022 Freightliner Custom Chass MBC

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : On vehicles equipped with a certain valve stem extension and a stabilizer configured with a specific tire valve stem and wheel combination.

Production Dates : DEC 19, 2017 - JAN 08, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2017-2023 Freightliner Custom Chass MC

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : On vehicles equipped with a certain valve stem extension and a stabilizer configured with a specific tire valve stem and wheel combination.

Production Dates : FEB 21, 2017 - NOV 18, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2018-2022 Freightliner Custom Chass MT55

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : On vehicles equipped with a certain valve stem extension and a stabilizer configured with a specific tire valve stem and wheel combination.

Production Dates : MAR 02, 2017 - NOV 12, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 4 : 2018-2022 Freightliner Custom Chass S2C

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : On vehicles equipped with a certain valve stem extension and a stabilizer configured with a specific tire valve stem and wheel combination.

Production Dates : SEP 01, 2017 - NOV 08, 2021

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 5 : 2018-2022 Freightliner Custom Chass S2G

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : On vehicles equipped with a certain valve stem extension and a stabilizer configured with a specific tire valve stem and wheel combination.

Production Dates : SEP 20, 2017 - SEP 02, 2021

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 6 : 2018-2022 Freightliner Custom Chass S2RV

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : On vehicles equipped with a certain valve stem extension and a stabilizer configured with a specific tire valve stem and wheel combination.

Production Dates : FEB 22, 2017 - NOV 18, 2021

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 7 : 2018-2019 Freightliner Custom Chass XBR

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : On vehicles equipped with a certain valve stem extension and a stabilizer configured with a specific tire valve stem and wheel combination.

Production Dates : APR 10, 2017 - MAR 13, 2018

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 8 : 2018-2020 Freightliner Custom Chass XBS

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : On vehicles equipped with a certain valve stem extension and a stabilizer configured with a specific tire valve stem and wheel combination.

Production Dates : AUG 14, 2017 - MAR 13, 2019

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 9 : 2017-2019 Freightliner Custom Chass XCL

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : On vehicles equipped with a certain valve stem extension and a stabilizer configured with a specific tire valve stem and wheel combination.

Production Dates : FEB 06, 2018 - OCT 30, 2018

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 10 : 2017-2022 Freightliner Custom Chass XCM

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : On vehicles equipped with a certain valve stem extension and a stabilizer configured with a specific tire valve stem and wheel combination.

Production Dates : FEB 21, 2017 - NOV 18, 2021

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 11 : 2017-2023 Freightliner Custom Chass XCR

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : On vehicles equipped with a certain valve stem extension and a stabilizer configured with a specific tire valve stem and wheel combination.

Production Dates : FEB 20, 2017 - NOV 17, 2021

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 12 : 2017-2022 Freightliner Custom Chass XCS

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : On vehicles equipped with a certain valve stem extension and a stabilizer configured with a specific tire valve stem and wheel combination.

Production Dates : FEB 22, 2017 - NOV 15, 2021

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. Damage to the valve stem extension may result in a loss of tire pressure of the inner wheel. This is a follow-on recall to 20V529 (DTNA # FL861), improving the remedy.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Damage to the tire's valve stem may lead to loss of air pressure, which, if unnoticed, could lead to a flat tire or on dual-wheels an overloaded tire. In extreme situations, rapid loss of tire pressure could 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 : Outer Wheel

Component Description : Outer Aluminum wheel

Component Part Number : ACC40620

Component Name 2 : Inner Wheel

Component Description : Inner steel wheel

Component Part Number : ACC50487 or ACC51487

Component Name 3 : Extension Stabilizer

Component Description : Rubber Valve Stem Extension Stabilizer

Component Part Number : 13-10232-000

Component Name 4 : Valve Stem Extension

Component Description : Inner Valve Stem Extension

Component Part Number : 13-10026-000

Component Name 5 : Valve Stem

Component Description : Inner Wheel Valve Stem

Component Part Number : 13-10303-000 or 13-10027-000

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

In September of 2021, DTNA received two Vehicle Owner Questionnaires (VOQs) from customers complaining of valve stem(s) continuing to make contact with the outer wheel hand hole after having recall 20V529 (DTNA # FL861) performed. At the time of the original recall, based upon the information available at the time, DTNA reasonably believed its original defect remedy to be adequate. Based upon the more recent information, however, DTNA promptly opened an investigation and began reviewing the information from these VOQs. In late September, DTNA received an additional VOQ with a similar complaint with additional information that caused the scope of the investigation to widen. In October of 2021, DTNA received an additional VOQ and continued investigating. In November of 2021, DTNA reviewed

Customer and dealer complaint tickets and discovered possible instances where the previous recall remedy may not have been completely effective. In mid-November, out of an abundance of caution, DTNA decided to conduct a recall to institute a different remedy. In February 2022, DTNA discovered a claim from a dealer who may have reinstalled suspect components from vehicles that were remedied with the recall fix prior to release from the factory. After investigating the issue, it was discovered that the aftermarket parts system did not reflect the correct, remedied condition of the affected vehicles. Out of an abundance of caution, DTNA expanded the population to include units updated prior to shipping from the factory for increased visibility on units updated at the factory, to take steps intended to prevent vehicles from reverting to the pre-remedied state.

Description of Remedy :

Description of Remedy Program : The inner valve stem extension and stabilizer will be removed. 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 : JAN 21, 2022 - JAN 21, 2022

Planned Owner Notification Date : JAN 21, 2022 - JAN 21, 2022

* NR - Not Reported