

Part 573 Safety Recall Report

21V-207

Manufacturer Name : Daimler Trucks North America, LLC**Submission Date :** MAR 24, 2021**NHTSA Recall No. :** 21V-207**Manufacturer Recall No. :** FL-882**Manufacturer Information :****Population :**

Manufacturer Name : Daimler Trucks North America, LLC

Number of potentially involved : 22

Address : 4747 N. Channel Avenue

Estimated percentage with defect : 100 %

Portland OR 97217-3849

Company phone : 800-745-8000

Vehicle Information :

Vehicle 1 : 2021-2021 Thomas Built Buses C2 Saf-T-Liner School Buses

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain buses built with axial mounted brake calipers and a particular valve stem.

Production Dates : AUG 17, 2020 - MAR 01, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : On all buses in the population, the tire valve stem extension for the inner wheel makes contact with the disc brake caliper which wears down the stem material. Excessive damage to the valve stem extension may result in a loss of tire pressure of the inner wheel which could lead to tire deflation.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The potentially affected bus population may not be equipped with a factory tire pressure monitoring system and only a thorough visual inspection may detect the contact between the caliper and stem. The failure of the tire could occur at any time during the operation of dropping off/picking up children. Deflated tires can increase the risk of a crash due to drivability concerns. Furthermore, an inactive bus may require the transfer of children to an alternate bus for transport in an unpredictable location which may not be safe.

Description of the Cause : NR

Identification of Any Warning that can Occur : A thorough visual inspection may detect the contact between the caliper and stem. Operator may hear a scraping noise from the brake caliper rubbing against the stem while driving or braking.

Involved Components :

Component Name 1 : Valve Stem

Component Description : VLV STM, 5/8 375 150 21 57

Component Part Number : 681 401 21 13

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

On February 19th, 2021, DTNA was notified by the dealer of the delivery of a bus with flat inner tires. On February 22nd, 2021, DTNA opened an investigation for potential problem identification. The investigation revealed that during a visual inspection of the tire, the valve stem was contacting the disc brake caliper and had been worn through enough to cause a leak. In early March 2021 DTNA, in an abundance of caution, decided to initiate a voluntary recall on this configuration.

Description of Remedy :

Description of Remedy Program : The valve stems will be replaced to ensure enough clearance with the brake caliper. 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 : MAY 22, 2021 - MAY 22, 2021

Planned Owner Notification Date : MAY 22, 2021 - MAY 22, 2021

* NR - Not Reported