

Part 573 Safety Recall Report

22V-379

Manufacturer Name : Daimler Trucks North America, LLC

Submission Date : MAY 26, 2022

NHTSA Recall No. : 22V-379

Manufacturer Recall No. : FL935



Manufacturer Information :

Population :

Manufacturer Name : Daimler Trucks North America, LLC

Number of potentially involved : 2,549

Address : 4747 N. Channel Avenue

Estimated percentage with defect : 100 %

Portland OR 97217-3849

Company phone : 800-745-8000

Vehicle Information :

Vehicle 1 : 2017-2022 FCCC XC

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Vehicles built with SpartanLync supplied TPMS systems and equipped with Multiplexed Cab Architecture within the production dates listed above.

Production Dates : DEC 15, 2015 - JUL 22, 2021

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : Incorrect tire temperature and/or pressure values could be reported on the instrument cluster under certain conditions.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In the event of an actual tire pressure or temperature event, the driver may not recognize an actual low tire pressure or high tire temperature condition, which may result in a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : The values displayed are so far from normal and occur instantly, for example jumping several hundred degrees in a matter of seconds (which is not physically possible), that could be an indication that the issue is not a real tire problem but a mere TPMS anomaly.

Involved Components :

Component Name 1 : MODULE-TPMS,CANBUS,J1939,500K

Component Description : TPMS Control Module

Component Part Number : 66-05404-001

Component Name 2 : MODULE-TPMS,CANBUS,J1939,500K

Component Description : TPMS Control Module

Component Part Number : A66-02189-49D

Supplier Identification :

Component Manufacturer

Name : SpartanLync

Address : NR

Burlington Foreign States L7L 6B3

Country : Canada

Chronology :

In July of 2020, DTNA became aware of two NHTSA VOQs for alleged erroneous readings for the Tire Pressure Monitoring System ("TPMS"). In coordination with NHTSA via DTNA's voluntary safety evaluation list review process, DTNA began gathering information on the vehicles and circumstances of the events through its investigation process. DTNA performed a warranty search and found one warranty claim that matched the complaint alleged in the VOQ and received an additional complaint from the field. DTNA expanded its search for any additional field reports and warranty claims in an attempt to identify any other potential complaints. In the meantime, DTNA engineering began testing and evaluation efforts to duplicate the complainants' circumstances and assess for possible variables between the chassis and second stage assembly processes. In early fall 2020, while working with the supplier, DTNA was able to duplicate and confirm the alleged complaint. With these findings, DTNA provided an update to NHTSA about its review of the topic and management direction.

In or about October 2020, DTNA management reviewed the topic and subsequently voted not to issue a recall due to it not rising to the level of an unreasonable risk to Motor Vehicle Safety. In or about July 2021 NHTSA and DTNA began to reassess the topic based on an additional VOQ recently received.

In late 2021 into early 2022 DTNA presented to NHTSA investigative details as to the TPMS's system changes made in production to improve the systems signal strength and display of tire information to the driver.

In March of 2022, DTNA issued Field Service Campaign SF644 to remedy the complainant descriptions of the issues with the early generation of the TPMS. DTNA considered that the issue may not meet some customers' expectations and in the vein of customer satisfaction decided to perform a field service campaign to correct customer concerns. Continued in the attachment

Description of Remedy :

Description of Remedy Program : The software for the TPMS control module will be updated by Daimler Truck North America authorized service facilities. Daimler Truck North America shall be offering a refund for owner-paid repairs covered by this recall if the repair was performed prior to the date indicated in the reimbursement plan, which will be posted with owner's notification letter. Owners are directed to seek reimbursement through authorized dealers.

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 : JUL 25, 2022 - JUL 25, 2022

Planned Owner Notification Date : JUL 25, 2022 - JUL 25, 2022

* NR - Not Reported