

Part 573 Safety Recall Report

22V-340

Manufacturer Name : Daimler Trucks North America, LLC

Submission Date : JUN 27, 2022

NHTSA Recall No. : 22V-340

Manufacturer Recall No. : FL934



Manufacturer Information :

Population :

Manufacturer Name : Daimler Trucks North America, LLC

Number of potentially involved : 23

Address : 4747 N. Channel Avenue
Portland OR 97217-3849

Estimated percentage with defect : 100 %

Company phone : 800-745-8000

Vehicle Information :

Vehicle 1 : 2021-2022 FCCC MT50e

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Supplier alerted FCCC that they had discovered a potential for failure in certain FCCC MT50e model walk-in vans are equipped with a rotary knob managing transmission shift position functionality. If a potentiometer in the switch is damaged, a plausibility error could occur, causing the part to send out a message that will be coded as drive (D) position rather than the appropriate error (ERR) position.

Production Dates : NOV 05, 2020 - APR 11, 2022

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : MT50e electric walk-in vans are equipped with a rotary DNRP selector that has two potentiometers inside. Out of an abundance of caution, the supplier did fault-injection testing to determine what would happen in certain unlikely failure modes. In one case, the supplier reported that an unlikely failure mode, if one of the potentiometers is damaged, it could cause a plausibility error that the part would send out a message coded as the D position rather than the appropriate ERR position. Therefore, if this part has damage, there is potential that the vehicle could have Drive selected without the driver's intent, contributing to an increased risk for crash or injury.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Failure mode could result in an unintended shift into drive.

Description of the Cause : NR

Identification of Any Warning that can Occur : No known warning.

Involved Components :

Component Name 1 : Stalk Switch Right Shifter

Component Description : Stalk Switch Right Shifter with Park Position

Component Part Number : 06-87751-008

Supplier Identification :

Component Manufacturer

Name : BCS Automotive Interface Solutions

Address : Industriestr. 2-8
Germany Foreign States 78315

Country : Germany

Chronology :

On a document dated May 9, 2022, BCS alerted DTNA of DNPR Plausibility Error Observations. Additional communication from the supplier (dated May 10, 2022) was received advising to limit all test vehicles equipped with this part to test track evaluation environments due to the Plausibility Error. DTNA promptly began an investigation; no warranty claims or other communications were found for this type of failure. May 13, 2022 out of an abundance of caution, DTNA decided to conduct a voluntary recall on MT50e walk-in vans. On June 3, 2022, we became aware of additional units that had shipped prior to the recall determination and amended the population accordingly. On June 27, 2022, we amended the start dates to match the population update from June 3, 2020, no impact to vehicle population. To date: DTNA has no reason to believe that the fault, artificially created in supplier fault injection testing, has ever occurred in the real world.

Description of Remedy :

Description of Remedy Program : Inspection and repair of the Stalk Switch Right Shifter, if required, will be performed 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 14, 2022 - JUL 14, 2022

Planned Owner Notification Date : JUL 14, 2022 - JUL 14, 2022

* NR - Not Reported