

Part 573 Safety Recall Report

22V-914

Manufacturer Name : Daimler Trucks North America, LLC

Submission Date : APR 07, 2023

NHTSA Recall No. : 22V-914

Manufacturer Recall No. : FL-961



Manufacturer Information :

Population :

Manufacturer Name : Daimler Trucks North America, LLC

Address : 4747 N. Channel Avenue

Portland OR 97217-3849

Company phone : 800-745-8000

Number of potentially involved : 23

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2022 FCCC MT50e Walk-In Van

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : DTNA discovered a potential for noncompliance with FMVSS 102 in certain Freightliner Custom Chassis MT50e model electric walk-in vans are equipped with a certain rotary knob managing transmission shift position functionality. This rotary knob was not used in vehicle production, so no new vehicles are affected; the affected knob was only used in repairing a prior defect under recall FL934. A software failure, that is immediately found on the Stalk Switch, Right rotary shifter upon first installation and use, produces the following effect: if the stalk is positioned in the "P" position, the value of reverse is broadcasted putting the truck and cluster in reverse; if the stalk is positioned in the "R" position, the value of neutral is broadcasted putting the truck in Neutral. Out of abundance of caution, DTNA elected to recall a group of MT50e units that had the Stalk Switch Right, rotary shifter replaced within the remedy of FL934. Separately, DTNA is sequestering all affected parts and, if any got into the aftermarket, complementing the vehicle recall with a parallel parts recall. Basis for Determination of the Recall Population: At the current time, MT50e electric walk-in vans built from November 5, 2020 to April 11, 2022 that have received the remedy to recall FL934 are included in the recall population.

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

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Noncompliance :

Description of the Noncompliance : MT50e electric walk-in vans are equipped with a rotary DNRP selector. FCCC Engineering conducted testing on a part determined to have failed at first use from a dealer and bodybuilder. The stalk switch in testing produced a mismatch between the Shifter Indicator and the Gear of the Truck and Display. This is a noncompliance with FMVSS 102 S3.1.4, which requires that "identification of shift positions, including ... the position selected, shall be displayed in view of the driver" under certain conditions.

FMVSS 1 : NR

FMVSS 2 : 102 - Trans shift lever seq/starter interlock/trans braking effect

Description of the Safety Risk : Non-compliance and the incorrect indication of transmission selection could result in an unintended shift into reverse and potentially a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : As the defect will only occur while a vehicle is being repaired, a cautious technician or driver may notice a disagreement between the cluster display and the gear selection and, presuming the normal procedure to chock wheels of a vehicle being repaired, will likely notice no more than the vehicle struggling against the chock blocks.

Involved Components :

Component Name 1 : Stalk Switch Right Shifter

Component Description : Stalk Switch Right Shifter with Park Position

Component Part Number : DTNA: 06-87751-008 BCS: 17045623-01

Supplier Identification :

Component Manufacturer

Name : BCS Automotive Interface Solutions GmbH

Address : Industriestr. 2-8

Radolfzell Foreign States 78315

Country : Germany

Chronology :

On December 1, 2022, a DTNA employee stationed at a bodybuilder found two stalk switches potentially

reporting incorrectly on vehicles not whose construction was not yet complete and which therefore were not yet delivered to the final customer. At or about that time, the DTNA CST contacted FCCC Engineering and installed replacement parts on the vehicle. Following this DTNA, through its subsidiary, FCCC arranged to have parts tested at FCCC's Engineering Validation Center. On December 5, DTNA determined there was a defect. Subsequently, on or about December 5, 2022, FCCC engineering alerted Quality of the defect discovered at the bodybuilder and confirmed to be a supplier software defect during testing. DTNA, through its subsidiary FCCC, immediately began an investigation. December 9, 2022 out of an abundance of caution, DTNA decided to conduct a voluntary recall on MT50e walk-in vans based on the potential for a noncompliance with FMVSS 102.

There were no warranty claims nor any other sources of information about this issue other than the DTNA employee's report regarding the vehicles under construction.

Description of Remedy :

Description of Remedy Program : Daimler Truck North America authorized service facilities will inspect the stalk switch right shifter and replace as necessary. 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 : FEB 06, 2023 - FEB 06, 2023

Planned Owner Notification Date : FEB 06, 2023 - FEB 06, 2023

* NR - Not Reported