

Part 573 Safety Recall Report

24V-141

Manufacturer Name : Daimler Coaches North America**Submission Date :** FEB 23, 2024**NHTSA Recall No. :** 24V-141**Manufacturer Recall No. :** TI 86.10T24282A**Manufacturer Information :**

Manufacturer Name : Daimler Coaches North America

Address : 2477 Deerfield Drive

Fort Mill SC 29715

Company phone : 800-206-9728

Population :

Number of potentially involved : 77

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2022-2024 Mercedes Benz Tourrider Business

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The recall population was based on manufacturing records and lift platform installation records at the US PDI center. The VIN range reflects all possible vehicles that could potentially experience the problem.

Production Dates : MAY 03, 2021 - MAR 31, 2023

VIN Range 1 : Begin : WEBS404H0N3286453 End : WEBS404H0R3294414 Not sequential

Vehicle 2 : 2022-2024 Mercedes Benz Tourrider Premium

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The recall population was based on manufacturing records and lift platform installation records at the US PDI center. The VIN range reflects all possible vehicles that could potentially experience the problem.

Production Dates : MAY 02, 2022 - NOV 30, 2023

VIN Range 1 : Begin : weBS504H8N3289176 End : WEBS50AH4R3400784 Not sequential**Description of Defect :**

Description of the Defect : As per Braun equipment recall 24E-017: Under certain conditions, the wheelchair lift manufactured by BraunAbility and installed in certain Mercedes-Benz Tourrider coaches, may exhibit premature outer barrier (OB) deployment while the lift platform is traveling from the 'stow' position to ground level.

FMVSS 1 : NR

FMVSS 2 : 403 - Platform lift systems

Description of the Safety Risk : As per Braun 24E-017: The outer barrier (OB) is used to protect the wheelchair and occupant from rolling away unintentionally during transport out of the vehicle. An unintended rollaway without the outer barrier (OB) retention deployed, could possibly result in injury or death to a wheelchair occupant.

Description of the Cause : As per Braun 24E-017: The cause is an incorrectly located ground sensing pressure sensor, which is responsible for opening the outer overrun flap.

Identification of Any Warning that can Occur : The outer barrier (OB) deploys prematurely.

Involved Components :

Component Name 1 : NULC65S32X60I Lift

Component Description : Wheelchair platform lift

Component Part Number : NULC65S32X60I

Supplier Identification :

Component Manufacturer

Name : BraunAbility/Braun Corporation

Address : 631 West 11th St

Winamac Indiana 46996

Country : United States

Chronology :

January 2024: Daimler Buses Engineering in Germany carried out a load test with the wheelchair lift, in which a defect with the outer barrier (OB) deployment was noted.

February 01, 2024: Daimler Buses informed the wheelchair lift supplier, BraunAbility.

February 01~12, 2024: Internal investigation at BraunAbility.

February 12, 2024: BraunAbility informed Daimler Buses that this defect was a safety relevant issue and an 'Equipment Recall' would be submitted to NHTSA.

February 12 ~ 20, 2024: Investigation by Daimler Coaches North America (DCNA) as to which vehicles were installed with Braun platform lifts as this installation occurs at the US PDI center based on specific customer orders, not at the Daimler Buses manufacturing facility.

February 15, 2024: BraunAbility formally notifies DCNA of the defect.
February 15, 2024: Braun submits Part 573 to NHTSA and recall number 24E-017 is assigned.
February 21, 2024: Daimler Buses GmbH determined a safety recall regarding this issue affecting certain Mercedes-Benz Tourrider Business and Tourrider Premium coaches.

Description of Remedy :

Description of Remedy Program : As per Braun 24E-017: Relocation of the ground sensing pressure switch from after the cylinder flow control valve, to before the cylinder flow valve. Repairs will be performed via Braun or DCNA trained personnel and any repairs completed by customers/dealers via the repair bulletin (TI) will be reimbursed via the DCNA warranty system. No repairs were completed by customers prior to the announcement of the recall, so reimbursement is not required.

How Remedy Component Differs from Recalled Component : Location of the ground sensing pressure switch from 'after' the control valve to 'before' the control valve.

Identify How/When Recall Condition was Corrected in Production : This lift platform is not installed at production but at the DCNA PDI center based on specific customer order.

Recall Schedule :

Description of Recall Schedule : Daimler Coaches North America (DCNA) does not operate via a traditional 'dealer' network. Dates noted are to satisfy the recall portal. Noted dates (or before) are when DCNA customers/fleet operators will be notified of affected vehicles in their fleet(s).

Planned Dealer Notification Date : APR 19, 2024 - APR 19, 2024

Planned Owner Notification Date : APR 19, 2024 - APR 19, 2024

* NR - Not Reported