

Part 573 Safety Recall Report

24V-316

Manufacturer Name : Daimler Vans USA, LLC**Submission Date :** MAY 06, 2024**NHTSA Recall No. :** 24V-316**Manufacturer Recall No. :** VS3EBOOSTF**Manufacturer Information :**

Manufacturer Name : Daimler Vans USA, LLC

Address : One Mercedes-Benz Drive
Sandy Springs GA 30328

Company phone : 8777628267

Population :

Number of potentially involved : 184

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2024-2024 Mercedes-Benz eSprinter

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : VAN

Power Train : HYBRID ELECTRIC

Descriptive Information : The recall population was determined through production records.

Production Dates : MAR 21, 2024 - APR 08, 2024

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Mercedes-Benz AG ("MBAG"), the manufacturer of Mercedes-Benz vehicles, has determined that on certain eSprinter (907 platform) vehicles, the fallback level of the power brake assist might not meet the force requirements.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In this case in the event of an electrical fault the brake booster would erroneously activate a limited fallback level. As a result, the brake pedal forces would be considerably higher compared to the intended fallback level. This might increase the risk of a crash in such a scenario.

Description of the Cause : Due to a deviation in the development process, the fallback level of the power brake assist might not have been implemented as required .

Identification of Any Warning that can Occur : The driver will not receive a warning due to the nature of the failure mechanism.

Involved Components :

Component Name 1 : ESP Software

Component Description : ESP Software

Component Part Number : A9079029008

Component Name 2 : ESP Software

Component Description : ESP Software

Component Part Number : A9079020005

Component Name 3 : ESP Software

Component Description : ESP Software

Component Part Number : A9079023306

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

In late January 2024, MBAG identified an irregularity concerning the fallback level of the power brake assist system during routine development test drives. In response, the company launched comprehensive investigations throughout February and March 2024. These initial steps included additional testing aimed at replicating the observed behavior and identifying the precise failure mechanism.

Subsequently, during April 2024 M-AG conducted extensive analyses to ascertain the potential impact of the observed behavior. These analyses involved the identification of severity and scope of the failure scenario. In parallel with these efforts, MB AG proactively initiated corrective measures within its production processes and began identifying the potentially affected vehicle population on this basis.

On April 26, 2024, MBAG determined that a potential safety risk cannot be ruled out and decided to conduct a recall.

MBAG can confirm there are no warranty claims, field or service reports (such as the numbers of deaths and/or injuries) and other information related to this defect in the USA.

Description of Remedy :

Description of Remedy Program : As a precautionary measure, an authorized Mercedes-Benz Sprinter dealer will update the ESP control unit software. Pursuant to 49 C.F.R. § 577.11(e), MBUSA does not plan to provide notice about pre-notice reimbursement to owners since none of the involved vehicles would have been previously subject to the condition described and all remain covered under the new vehicle warranty.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : A change in the development process ensures that this issue can no longer occur from April 9, 2024 onwards.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign on May 10, 2024. A copy of all communications will be provided when available. Owners will be notified of the voluntary recall campaign before Jul 1, 2024.

Planned Dealer Notification Date : MAY 10, 2024 - MAY 10, 2024

Planned Owner Notification Date : JUL 01, 2024 - JUL 01, 2024

* NR - Not Reported