

Part 573 Safety Recall Report

22V-131

Manufacturer Name : Daimler Vans USA, LLC**Submission Date :** MAR 17, 2022**NHTSA Recall No. :** 22V-131**Manufacturer Recall No. :** VS3VADREH**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 : 2,153

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2021 MERCEDES BENZ Sprinter

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Based on the analysis of the production information, the affected population was determined to be certain Sprinter vehicles (VS30, Platform 907 with RWD and Code CB4) produced from February 1, 2021 to September 12, 2021.

Production Dates : MAR 30, 2021 - SEP 12, 2021

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 and Freightliner vans, has determined that the torsion bar on certain Sprinter vehicles from platform 907 (VS30) was not bolted to the torsion bar linkage in accordance with design specifications during front axle assembly by the component supplier. The shim on the torsion bar was incorrectly installed between the nut and the torsion bar, rather than between the ball stud and the torsion bar.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Due to the incorrect assembly, the torsion bar may not meet operational strength requirements. Settling effects may occur between the journal flange and the torsion bar. These effects reduce the bolt preload at the connection, which increases fatigue on the journal and could lead to a fatigue fracture of the journal, increasing the risk of a crash.

Description of the Cause : NR

Identification of Any Warning : A driver might notice metallic noises (rattling) from the affected bolt that can Occur : connection while driving.

Involved Components :

Component Name 1 : Torsion Bar Linkage Left

Component Description : Torsion Bar Linkage Left

Component Part Number : A9073200502

Component Name 2 : Torsion Bar Linkage Right

Component Description : Torsion Bar Linkage Right

Component Part Number : A9073200602

Component Name 3 : Screw

Component Description : Screw

Component Part Number : N000000003276

Supplier Identification :

Component Manufacturer

Name : BENTELEER JIT Duesseldorf GMBH

Address : Rather Str. 49A

Duesseldorf Foreign States 40476

Country : Germany

Chronology :

Please see attached document.

Description of Remedy :

Description of Remedy Program : An authorized Mercedes-Benz or Freightliner dealer will correct the position of the shim and replace the torsion bar linkage.

Pursuant to 49 C.F.R. § 577.11(e), Mercedes-Benz Vans does not plan to provide notice about pre-notice reimbursement to owners since all involved vehicles remain covered under the new vehicle warranty.

How Remedy Component Differs from Recalled Component : The bolt connection of the front axle torsion bar to the front axle torsion bar linkage is assembled between ball stud and the torsion bar according to the design specification.

Identify How/When Recall Condition was Corrected in Production : Immediately after recognizing the error during front axle assembly, in June 2021, the component supplier implemented revised work instructions and corresponding employee training to ensure the correct assembly of the torsion bar linkage.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign in April 2022. A copy of all communications will be provided when available. Owners will be notified approximately one week after the recall launches to dealers.

Planned Dealer Notification Date : APR 04, 2022 - APR 04, 2022

Planned Owner Notification Date : APR 11, 2022 - APR 11, 2022

* NR - Not Reported