

Part 573 Safety Recall Report

23V-101

Manufacturer Name : Daimler Vans USA, LLC**Submission Date :** FEB 17, 2023**NHTSA Recall No. :** 23V-101**Manufacturer Recall No. :** 5491810**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 :** 350**Estimated percentage with defect :** 100 %**Vehicle Information :****Vehicle 1 :** 2022-2022 Mercedes-Benz Sprinter**Vehicle Type :** BUSES, MEDIUM & HEAVY VEHICLES**Body Style :** VAN**Power Train :** NR**Descriptive Information :** The recall population was determined through production records.**Production Dates :** FEB 17, 2022 - MAY 06, 2022**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 Sprinter (907 platform) vehicles equipped with electrically adjustable front swivel-seats, the electrical wiring harness might become damaged over time when a front swivel seat is adjusted.**FMVSS 1 :** NR**FMVSS 2 :** NR**Description of the Safety Risk :** In the event of a damaged wiring harness, it cannot be ruled out that the function of the side airbag installed in the seat back might be impaired. This could increase the risk of injury.**Description of the Cause :** Due to a deviation in the development process, the wiring harness on the rotary seat frame may have been routed with an insufficient length to the seat adjustment motor.**Identification of Any Warning that can Occur :** Before the issue occurs, the driver will not receive a warning due to the nature of the failure mechanism.

When the issue occurs, the driver might notice the SRS indicator lamp illuminated in the instrument cluster.

Involved Components :

Component Name 1 : Cable Strap

Component Description : Cable Strap

Component Part Number : A0009956790

Component Name 2 : Main Line Kit

Component Description : Main Line Kit

Component Part Number : A9075407465

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

At the end of February 2022, based on an internal Mercedes-Benz audit at a production plant, MBAG found that in certain Sprinter (907 platform) vehicles with both electrically adjustable front seats and a swivel seat frame, the wiring harness on the rotary frame was not routed with the necessary length to the seat adjustment motor. As a result, the seat adjustment motor might contact the retaining clip of the electrical wiring harness and might damage the electrical wiring harness over time when a front swivel seat is adjusted.

All vehicles that had not been released from the plant were checked and reworked as needed to meet the routing specification of the wiring harness.

Also at that time, MBAG implemented adjustments in the production process to ensure the wiring harness was installed according to the specification.

In May 2022, MBAG introduced a new mounting clip for the electrical wiring harness in production to eliminate the risk of wiring damage due to contact with the seat adjustment motor.

Though MBAG received no field reports related to damage to the wiring harness, beginning in July 2022 the company initiated an evaluation of the potential consequences of damage to the wiring harness during vehicle operation. When that analysis identified potential effects on side airbag functioning, the company conducted further investigations and tests in order to identify a potential root cause, failure mechanism and potential impact on airbag performance.

Based on the above investigations and analyses, in late 2022 and early 2023 MBAG identified the population of vehicles potentially affected by damage to the wiring harness.

On February 10, 2023, MBAG determined that a potential safety risk cannot be ruled out and decided to conduct a recall.

MBAG is aware of no warranty claims, field or service reports, or reports of property damage, death or injury related to this defect.

Description of Remedy :

Description of Remedy Program : As a precautionary measure, an authorized Mercedes-Benz dealership will inspect the installation of the wiring harness and will attach it properly.

How Remedy Component Differs from Recalled Component : Properly attach wiring harness to the seat base.

Identify How/When Recall Condition was Corrected in Production : A change in the routing of the electrical wiring harness ensures that this issue can no longer occur from May 5, 2022 onwards.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign on 4/7/2023. A copy of all communications will be provided when available. Owner notification will begin approximately one week after dealer notification.

Planned Dealer Notification Date : APR 07, 2023 - APR 07, 2023

Planned Owner Notification Date : APR 14, 2023 - APR 14, 2023

* NR - Not Reported