

Part 573 Safety Recall Report

24V-371

Manufacturer Name : Mercedes-Benz USA, LLC**Submission Date :** JUN 28, 2024**NHTSA Recall No. :** 24V-371**Manufacturer Recall No. :** 2024060009**Manufacturer Information :**

Manufacturer Name : Mercedes-Benz USA, LLC
Address : 13470 International Parkway
 Jacksonville FL 32218
Company phone : 1-877-496-3691

Population :

Number of potentially involved : 18
Estimated percentage with defect : 100 %

Vehicle Information :**Vehicle 1 :** 2023-2023 Mercedes-Benz Mercedes-AMG C43 4MATIC**Vehicle Type :** LIGHT VEHICLES**Body Style :** 4-DOOR**Power Train :** GAS

Descriptive Information : Mercedes-Benz 2023 C43 4MATIC, 18 Vehicles. The recall population was determined through production records. Vehicles outside of the recall population have the seat wiring harness routed according to current production specifications.

Production Dates : MAR 10, 2023 - APR 14, 2023**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 Model Year ("MY") 2023 C-Class (206 platform) vehicles equipped with AMG Performance Seats, the seat wiring harness routing might not meet current production specifications.

FMVSS 1 : NR**FMVSS 2 :** NR

Description of the Safety Risk : In this case, the seat wiring harness of the driver and front passenger seat might become damaged when the seatback is fully reclined. As a consequence, it cannot be ruled out that the functionality of the airbags installed in the affected seat might be impaired. This could increase the risk of injury in the event of a crash with airbag deployment.

Description of the Cause : Due to a deviation in the vehicle development process, the seat wiring harness routing might not meet current production specifications.

Identification of Any Warning that can Occur : When the wiring is damaged, the driver might notice a red warning message regarding an airbag malfunction in the instrument cluster.

Involved Components :

Component Name 1 : SEAT ELECTRICAL WIRING HARNESS

Component Description : SEAT ELECTRICAL WIRING HARNESS

Component Part Number : A2065403873

Component Name 2 : SEAT ELECTRICAL WIRING HARNESS

Component Description : SEAT ELECTRICAL WIRING HARNESS

Component Part Number : A2065403973

Supplier Identification :**Component Manufacturer**

Name : MBAG

Address : NR

NR

Country : NR

Chronology :

At the end of March 2023, MBAG launched initial investigations based on internal reports during vehicle end-of-line testing. MBAG found that in certain vehicles equipped with AMG performance seats, the seat wiring harness might not have been routed with the required distance between the seat frame and the fastening location.

As an immediate measure, MBAG initiated a plant campaign to check and rework vehicles that remained in MBAG's control to reroute the seat wiring harness.

In May 2023, MBAG implemented a production adjustment to the routing of the wiring harness with reduced tolerances for vehicles equipped with AMG Performance Seats.

In parallel the ongoing root cause analysis concluded that in isolated cases, the routing of the seat wiring harness might result in the seat frame contacting the harness. Such contact could result in damage to the harness and certain wiring.

From June 2023, MBAG evaluated potential consequences of a damaged wiring harness in the affected vehicles. This analysis identified that this issue could affect the operation of the thorax-pelvis side airbag and PRESAFE impulse side airbag. In late 2023, MBAG then conducted additional investigations and testing to identify the potential failure mechanism and impact on the performance or behavior of these airbags over the vehicle's lifetime.

Based on the above investigations and analyses, from April through May 2024, MBAG determined the potentially affected vehicle population in the field.

On May 17, 2024, MBAG determined that a potential safety risk in the identified vehicle population cannot be ruled out and decided to conduct a recall.

MBAG is aware of no field reports, warranty claims, or other information (such as the numbers of deaths and/or injuries) related to this defect worldwide.

Description of Remedy :

Description of Remedy Program : An authorized Mercedes-Benz dealer will check the seat wiring harness routing on the affected vehicles and rework it, if necessary.

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 : Vehicles outside of the recall population have the seat wiring harness routed according to current production specifications.

Remedy Part No:
SEAT ELECTRICAL WIRING HARNESS A2065403873
SEAT ELECTRICAL WIRING HARNESS A2065403973

Identify How/When Recall Condition was Corrected in Production : A change in the routing and a reduction of tolerances ensures that this issue can no longer occur from May 25, 2023 onwards.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign on June 3, 2024. Owners will be notified of the voluntary recall campaign on or before July 12, 2024. A copy of all communications will be provided when available.

Planned Dealer Notification Date : JUN 03, 2024 - NR

Planned Owner Notification Date : JUL 12, 2024 - NR

* NR - Not Reported