

Part 573 Safety Recall Report

24V-658

Manufacturer Name : Mercedes-Benz USA, LLC**Submission Date :** SEP 09, 2024**NHTSA Recall No. :** 24V-658**Manufacturer Recall No. :** NR**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 : 4

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2024-2024 Mercedes-Benz GLC 300

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Mercedes-Benz 2024 GLC 300 3 Vehicles. The recall population was determined through production records. Vehicles outside of the recall population have integral carrier welds that meet current production specifications.

Production Dates : JAN 18, 2024 - JAN 18, 2024

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2024-2024 Mercedes-Benz Mercedes-AMG GLC 43

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Mercedes-Benz Mercedes-AMG 22024 GLC 43 1 Vehicle. The recall population was determined through production records. Vehicles outside of the recall population have integral carrier welds that meet current production specifications.

Production Dates : JAN 18, 2024 - JAN 18, 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 Model Year ("MY") 2024 GLC (254 platform) vehicles, the integral carrier welds might not meet current production specifications.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In this case, the durability of the integral carrier might be affected over the vehicle's lifetime. As a result, the controllability of the vehicle might be affected, which could increase the risk of a crash.

Description of the Cause : Due to a deviation in the production process at a welding material supplier, the material of the welds on certain integral carriers might not meet specifications.

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 : Integral carrier

Component Description : Integral carrier

Component Part Number : A2546200000

Supplier Identification :

Component Manufacturer

Name : Safra SpA

Address : Via Averolda 13/15
Travagliato (BS) Foreign States 25039

Country : Italy

Chronology :

In January 2024, MBAG became aware of a potential deviation in the welding process of a single integral carrier, resulting in an increased occurrence of welding splatter. As an immediate reaction, in early 2024, MBAG launched an investigation together with the supplier of the welding material to analyze the nature of the deviation. In parallel, MBAG initiated plant campaigns to rework vehicles still in access to MBAG.

In March 2024, the supplier identified a deviation in the production process of the welding material was causing the observed deviation and determined a batch of potentially affected welding material. Based on this determination from April through August 2024, MBAG analyzed the potential effects of the suspect welding material on the integral carrier. These analyses included thorough material testing and simulations. Based on the affected batch of welding materials, MBAG determined the potentially affected vehicle population.

On August 30, 2024, MBAG determined that a potential safety risk could not be ruled out and decided to conduct a recall.

MBAG can confirm there are no field reports, warranty claims, crashes or reports of property damage, fatalities, or injury related to this defect worldwide.

Description of Remedy :

Description of Remedy Program : As a precautionary measure, an authorized Mercedes-Benz dealer will replace the integral carrier on the affected vehicles.

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 integral carrier welds that meet current production specifications.

Remedy Part No:
Integral carrier A2546200000
Bolt A0009901537
Bolt A0009907618

Identify How/When Recall Condition was Corrected in Production : A change in the production procedure at the welding material supplier ensures that this issue can no longer occur from January 23, 2024 onwards.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign on September 16, 2024. Owners will be notified of the voluntary recall campaign before November 8, 2024. A copy of all communications will be provided when available.

Planned Dealer Notification Date : SEP 16, 2024 - NR

Planned Owner Notification Date : NOV 08, 2024 - NR

* NR - Not Reported