

Part 573 Safety Recall Report

24V-170

Manufacturer Name : Mercedes-Benz USA, LLC**Submission Date :** MAR 28, 2024**NHTSA Recall No. :** 24V-170**Manufacturer Recall No. :** 2024030016**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 : 9

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2022-2023 Mercedes-Benz AMG G 63

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Mercedes-Benz 2022-2023 AMG G 63 5 Vehicles. The recall population was determined through production records. Vehicles outside of the recall population have been filled with the specified air-conditioning refrigerant.

Production Dates : JUN 28, 2022 - APR 20, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2023-2023 Mercedes-Benz G 550

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Mercedes-Benz 2023 G 550 4 Vehicles. The recall population was determined through production records. Vehicles outside of the recall population have been filled with the specified air-conditioning refrigerant.

Production Dates : JUN 28, 2022 - APR 20, 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 the air-conditioning system in certain Model Year ("MY") 2022-2023 G-Class (463 platform) vehicles might not have been filled with the specified refrigerant.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In this case, the affected vehicles might not be filled with the specified refrigerant type. Thus, in the event of a refrigerant leak as a consequence of a crash, the risk of fire might be increased.

Description of the Cause : Due to a deviation in the vehicle production process, certain vehicles might not be filled with the specified air-conditioning refrigerant.

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 : REFRIGERANT

Component Description : REFRIGERANT

Component Part Number : A0009890448

Supplier Identification :

Component Manufacturer

Name : MBAG

Address : NR

NR

Country : NR

Chronology :

In mid-2023, during a standard quality audit in the production plant, MBAG became aware of a data mismatch between the refrigerant that was filled into a certain vehicle as well as the intended and documented refrigerant. As a consequence, thorough analyses were initiated to identify the consequences of the data mismatch. In August 2023, those analyses concluded that certain vehicles might have been filled with an incorrect refrigerant and initiated an investigation to determine potentially affected vehicles and consequences. Generally, two refrigerant variants are in use, while depending on the country of destination, a specific variant of refrigerant must be filled into the vehicles. Until the end of 2023, MBAG reviewed the production data of all suspect vehicles and compared the production data of all vehicles with the certified and intended refrigerant variant. On this basis, the population of potentially affected vehicles was identified. Since potential consequences vary with the type of incorrect refrigerant filled, this information was necessary to determine potential consequences from January 2024 onwards. On February 23, 2024, 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 reports, or other information (such as the numbers of deaths and/or injuries) related to this defect in the USA.

Description of Remedy :

Description of Remedy Program : An authorized Mercedes-Benz dealer will replace the air-conditioning refrigerant in the affected vehicles.

How Remedy Component Differs from Recalled Component : Vehicles outside of the recall population have been filled with the specified air-conditioning refrigerant.

Remedy Part No: REFRIGERANT / R134 A A0009890348

Identify How/When Recall Condition was Corrected in Production : A change in the vehicle production procedure ensures that this issue can no longer occur from April 21, 2023 onwards.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign on March 8, 2024. Owners will be notified of the voluntary recall campaign before April 12, 2024. A copy of all communications will be provided when available.

Planned Dealer Notification Date : MAR 08, 2024 - NR

Planned Owner Notification Date : APR 12, 2024 - NR

* NR - Not Reported