

Part 573 Safety Recall Report

22V-112

Manufacturer Name : Mercedes-Benz USA, LLC**Submission Date :** MAR 28, 2022**NHTSA Recall No. :** 22V-112**Manufacturer Recall No. :** 2022030019**Manufacturer Information :****Population :**

Manufacturer Name : Mercedes-Benz USA, LLC

Number of potentially involved : 24

Address : 13470 International Parkway

Estimated percentage with defect : 100 %

Jacksonville FL 32218

Company phone : 1-877-496-3691

Vehicle Information :

Vehicle 1 : 2022-2022 Mercedes-Benz EQS 450

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : Mercedes-Benz 2022 EQS 450 3 Vehicles The recall population was determined through production records. Vehicles outside of the recall population have grounding connections bolted according to current production specifications.

Production Dates : MAY 26, 2021 - DEC 23, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2022-2022 Mercedes-Benz EQS 450+

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : Mercedes-Benz 2022 EQS 450+ 16 Vehicles The recall population was determined through production records. Vehicles outside of the recall population have grounding connections bolted according to current production specifications.

Production Dates : MAY 26, 2021 - DEC 23, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2022-2022 Mercedes-Benz EQS 580 4Matic

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : Mercedes-Benz 2022 EQS 580 4Matic 4 Vehicles The recall population was determined through production records. Vehicles outside of the recall population have grounding connections bolted according to current production specifications.

Production Dates : MAY 26, 2021 - DEC 23, 2021

VIN Range 1 : Begin : NR **End :** NR Not sequential

Vehicle 4 : 2022-2022 Mercedes-Benz Mercedes-AMG EQS 53 4Matic+

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : Mercedes-Benz 2022 Mercedes-AMG EQS 53 4Matic+ 1 Vehicle The recall population was determined through production records. Vehicles outside of the recall population have grounding connections bolted according to current production specifications.

Production Dates : MAY 26, 2021 - DEC 23, 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 vehicles, has determined that on certain Model Year ("MY") 2022 EQS (297 platform) vehicles, a ground connection on the front-left longitudinal member, as well as the potential equalization for the electric auxiliary heater in the motor compartment, might not have been secured according to current production specifications.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : An incorrectly bolted ground connection could result in an increased electrical resistance at the connection. The combination of potentially high electrical currents flowing through this connection and an increased electrical resistance could increase the risk of fire. In the event of an interruption with this ground connection, the left headlamp might not function, among other potential components.

Description of the Cause : Due to a deviation in the production process, the bolting of the ground connection at the front-left longitudinal carrier as well as the potential equalization for the electric auxiliary heater in the motor compartment might not meet current production 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 : Ground Connection W52/8

Component Description : Nut and bolt

Component Part Number : A0009911403

Component Name 2 : Potential Equalization

Component Description : Nut and bolt

Component Part Number : A0009916703

Supplier Identification :**Component Manufacturer**

Name : MBAG

Address : NR

Foreign States

Country : Germany

Chronology :

In October 2021, MBAG launched initial investigations based on a finding in the production plant indicating that a ground connection and a potential equalization might not have been secured properly.

In November 2021, two more reports on internal vehicles within the distribution process were detected.

Accordingly, MBAG initiated a plant rework campaign to check and, if necessary, rework vehicles in this regard.

In parallel, MBAG conducted analyses to identify potentially affected vehicles in the field and potential consequences.

In general, neither field complaints nor other reports associated with the described issue above were received.

However, on February 18, 2022, MBAG determined that a potential safety risk could not be completely ruled out and decided to conduct a recall.

Description of Remedy :

Description of Remedy Program : An authorized Mercedes-Benz dealer will check the ground connection and the potential equalization on the affected vehicles and, if necessary, tighten them according to specifications.

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 : Grounding connections bolted according to current production specifications.

Nut and bolt (Ground Connection W52/8)
A0009911403

Nut and bolt (Potential Equalization)
A0009916703

Identify How/When Recall Condition was Corrected in Production : A change in the production procedure in the vehicle plant ensures that this issue can no longer occur from December 24, 2021 onwards.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign on March 4, 2022. Owners will be notified of the voluntary recall campaign before April 29, 2022. A copy of all communications will be provided when available

Planned Dealer Notification Date : MAR 04, 2022 - NR

Planned Owner Notification Date : APR 08, 2022 - NR

* NR - Not Reported