

Part 573 Safety Recall Report

22V-261

Manufacturer Name : Mercedes-Benz USA, LLC**Submission Date :** MAY 20, 2022**NHTSA Recall No. :** 22V-261**Manufacturer Recall No. :** 2022050005**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 : 129

Estimated percentage with defect : 3 %

Vehicle Information :

Vehicle 1 : 2021-2021 Mercedes-Benz GLC 300

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz 2021 GLC 300 29 Vehicles The recall population was determined through production records. Vehicles outside of the recall population have headlamp electrical connector sealing plugs installed according to current production specifications.

Production Dates : MAY 31, 2021 - JUN 28, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2021-2021 Mercedes-Benz GLC 300 4Matic

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz 2021 GLC 300 4Matic 82 Vehicles The recall population was determined through production records. Vehicles outside of the recall population have headlamp electrical connector sealing plugs installed according to current production specifications.

Production Dates : MAY 31, 2021 - JUN 28, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2021-2021 Mercedes-Benz Mercedes-AMG GLC 43 4Matic

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz 2021 Mercedes-AMG GLC 43 4Matic 11 Vehicles The recall population was determined through production records. Vehicles outside of the recall population have headlamp electrical connector sealing plugs installed according to current production specifications.

Production Dates : MAY 31, 2021 - JUN 28, 2021

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

Vehicle 4 : 2021-2021 Mercedes-Benz Mercedes-AMG GLC 63 4Matic

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz 2021 Mercedes-AMG GLC 63 4Matic 6 Vehicles The recall population was determined through production records. Vehicles outside of the recall population have headlamp electrical connector sealing plugs installed according to current production specifications.

Production Dates : MAY 31, 2021 - JUN 28, 2021

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

Vehicle 5 : 2021-2021 Mercedes-Benz Mercedes-AMG GLC 63 S 4Matic

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz 2021 Mercedes-AMG GLC 63 S 4Matic 1 Vehicles The recall population was determined through production records. Vehicles outside of the recall population have headlamp electrical connector sealing plugs installed according to current production specifications.

Production Dates : MAY 31, 2021 - JUN 28, 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") 2021 GLC (253 platform) vehicles, the electrical connection to the headlamps might not be watertight.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In the event of moisture ingress into the electrical connection, the sealing integrity of the connection might be impaired. In this case, a failure of the

headlamps could not be ruled out and subsequently, the risk of a crash might increase.

Description of the Cause : Due to a deviation in the production process of a supplier, certain connector sealing plugs might not be installed in the connector housings according to current production specifications.

Identification of Any Warning that can Occur : Before the issue occurs, the driver may be made aware of the issue by fogged headlamps.
When the issue occurs, the driver is informed by a warning message in the instrument cluster.

Involved Components :

Component Name 1 : Plug Connector (non LED-Headlamp)

Component Description : Plug Connector

Component Part Number : A0525456026

Component Name 2 : Plug Connector (LED-Headlamp)

Component Description : Plug Connector

Component Part Number : A0525455626

Supplier Identification :

Component Manufacturer

Name : DAS Dräxlmaier Automotivsysteme GmbH

Address : Landshuter Str. 100

Vilsbiburg Foreign States 84137

Country : Germany

Chronology :

In June 2021, MBAG started the investigation due to moisture being detected in a headlamp during a tightness test of a vehicle at the vehicle plant. Further analysis indicated that sealing plugs in a connector housing were not correctly installed. As a precautionary measure, a plant action was released to check all available vehicles in the plant. Furthermore, all potentially affected wiring harnesses in stock were inspected. In parallel, a root cause analysis was started in cooperation with the supplier to identify any possible deviation along with

determining the potentially affected production period. During execution of the plant action, several thousand vehicles were checked. As a result, in a few vehicles sealing plugs were not correctly installed. Therefore, the analysis of potential impacts began in the end of October 2021. At the beginning of January 2022, the range of potentially affected wiring harnesses was evaluated. Subsequently, it was possible to identify potentially affected vehicles. Further investigations were conducted in February 2022 to determine if the issue may affect both headlamps on the vehicle at the same time. On April 8, 2022, MBAG determined that a potential safety risk cannot be ruled out and decided to conduct a recall.

Description of Remedy :

Description of Remedy Program : An authorized Mercedes-Benz dealer will check the sealing plugs on the headlamp electrical connection and headlamps with regards to the affected vehicles and replace, 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 : Headlamp electrical connector sealing plugs installed according to current production specifications. Remedy part: A0005457880 - Sealing plugs

Identify How/When Recall Condition was Corrected in Production : A change in the production procedure of our supplier ensures that this issue can no longer occur from July 09, 2021 onwards.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign on April 22, 2022. Owners will be notified of the voluntary recall campaign on or before June 03, 2022. A copy of all communications will be provided when available.

Planned Dealer Notification Date : APR 22, 2022 - NR

Planned Owner Notification Date : JUN 03, 2022 - NR

* NR - Not Reported