

Part 573 Safety Recall Report

21V-990

Manufacturer Name : Mercedes-Benz USA, LLC**Submission Date :** AUG 01, 2022**NHTSA Recall No. :** 21V-990**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 : 38,312

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2019-2020 Mercedes-Benz A220

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz 2019-2020 A-Class 17,078 Vehicles

The recall population was determined through extensive corrosion endurance testing of manufactured parts.

Vehicles outside of the recall population have a sufficient corrosion protection of the integral carrier.

Production Dates : MAY 02, 2019 - JUL 17, 2020

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2020-2020 Mercedes-Benz GLB250

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Mercedes-Benz 2020 GLB-Class 21,219 Vehicles

The recall population was determined through extensive corrosion endurance testing of manufactured parts.

Vehicles outside of the recall population have a sufficient corrosion protection of the integral carrier.

Production Dates : MAY 02, 2019 - JUL 17, 2020

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 3 : 2021-2021 Mercedes-Benz AMG GLB35

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Mercedes-Benz 2021 AMG GLB-Class 6 Vehicles

The recall population was determined through extensive corrosion endurance testing of manufactured parts.

Vehicles outside of the recall population have a sufficient corrosion protection of the integral carrier.

Production Dates : MAY 02, 2019 - JUL 17, 2020

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") 2019-2021 A-Class (177 platform) and GLB-Class (247 platform) vehicles, the corrosion protection of the integral carrier of the front axle might not be sustained over the lifetime of the vehicle.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Under specific environmental influences, corrosion of the integral carrier of the front axle might occur after several years. As a result, depending on the intensity and location of the corrosion, an impairment of the structural durability of the integral carrier as well as the connection to other components cannot be ruled out. In this case, vehicle steering might be affected which could potentially increase the risk of a crash.

Description of the Cause : Due to a production deviation at a supplier, the corrosion protection of certain integral carriers might not be sufficient.

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 : A1776207101

Supplier Identification :

Component Manufacturer

Name : Gestamp

Address : Parque Empresarial Boroa P2-A4
Amorebieta-Etxano Bizkaia Foreign States 48340

Country : Spain

Chronology :

MBAG conducts regular internal corrosion endurance testing of manufactured parts. In May 2020, MBAG received isolated reports from its internal corrosion endurance testing indicating that the corrosion protection on certain integral carrier components of front axles did not meet MBAG specifications. MBAG immediately launched an internal investigation into this issue. In parallel, over the next several months, MBAG reviewed its supplier's production of the integral carrier component to ensure that the part was manufactured with corrosion protection that met required specifications.

From July 2020 until May 2021, MBAG engaged in an extensive investigation to determine the range of potentially affected vehicles by retrieving parts from the field and testing them according to MBAG's corrosion endurance testing procedures. For investigation, MBAG retrieved used parts obtained from vehicles in the field systematically in a way such that MBAG had representative samples from all relevant production periods to help MBAG define the production date range of potentially affected vehicles.

In parallel and until November 2021, MBAG conducted extensive tests to assess the potential safety effects of corrosion of the integral carrier component. Among other things, integral carriers were prepared in the corrosion endurance testing facilities to simulate different progress of corrosion and were then thoroughly tested in vehicles.

Although no defects were identified during the testing and no field complaints worldwide have been reported, MBAG determined on December 10, 2021 to initiate a recall out of an abundance of caution as a safety risk cannot be fully ruled out.

Description of Remedy :

Description of Remedy Program : An authorized Mercedes-Benz dealer, will check the integral carrier on the affected vehicles and replace 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 : Corrosion protection of the integral carrier according to specifications.

from Recalled Component : Remedy Parts Num: Integral carrier A1776207101

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 20, 2020 onwards.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign on December 27, 2021. Owners notified of the voluntary recall campaign by an interim letter on January 28, 2022. Final letter mailed after remedy is available on July 29, 2022. A copy of all communications will be provided when available.

Planned Dealer Notification Date : DEC 27, 2021 - NR

Planned Owner Notification Date : JAN 28, 2022 - NR

* NR - Not Reported