

Part 573 Safety Recall Report

22V-314

Manufacturer Name : Mercedes-Benz USA, LLC**Submission Date :** JUN 13, 2022**NHTSA Recall No. :** 22V-314**Manufacturer Recall No. :** 2022050011**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 : 88

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2021 Mercedes-Benz GLB 250

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Mercedes-Benz 2021 GLB-Class 88 vehicles. The recall population was determined through production and diagnostics records. Vehicles not affected have the correct level sensor linkage connection according to current production specifications.

Production Dates : APR 20, 2021 - APR 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 GLB (247 platform) vehicles, the level sensor linkage on the rear axle might not have been installed correctly.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In this case, the leveling of the headlamp system could calibrate in the opposite direction if the rear seat, trunk or third row of seats were loaded appropriately. Subsequently, glare to oncoming traffic cannot be ruled out, which could increase the risk of a crash.

Description of the Cause : Due to a deviation in the rework process, the level sensor linkage on the rear axle might not have been installed according to 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 : Level Sensor Linkage

Component Description : Level Sensor Linkage

Component Part Number : A2473204604

Supplier Identification :**Component Manufacturer**

Name : KHT-Fahrzeugteile GmbH

Address : Industriestrasse 13

Grevenbroich Foreign States 41516

Country : Germany

Chronology :

In the mid of July 2021, MBAG launched initial investigations based on an internal finding. From end of July 2021 onwards, a plant rework campaign was implemented in order to check and rework all potentially affected vehicles, which were still accessible by MBAG.

In August and September 2021, a remedy and a possibility for future error prevention was developed. At the same time it was concluded that the level sensor linkage might not have been installed according to specifications during a vehicle rework process. From October 2021 onwards, possible consequences as well as relevant regulations for vehicles in the field were analyzed. These investigations together with several test drives starting in December 2021 and tests on the headlamp test bench starting in January 2021 were performed until April 2022. In parallel, further analyses were performed to identify if any vehicles in the field might be affected. MBAG can confirm there are no warranty claims, field or service reports, and other information (such as the numbers of deaths and/or injuries) related to this defect in the USA. On May 2, 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 level sensor linkage on the affected vehicles and rework, 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 : Installed level sensor linkage according to current production specifications. A2473204604 Level Sensor Linkage

Identify How/When Recall Condition was Corrected in Production : A change in the rework procedures ensures that this issue can no longer occur from July 30, 2021 onwards

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign on May 16, 2022. Owners will be notified of the voluntary recall campaign on June 10, 2022. A copy of all communications will be provided when available.

Planned Dealer Notification Date : MAY 16, 2022 - NR

Planned Owner Notification Date : JUN 10, 2022 - NR

* NR - Not Reported