Part 573 Safety Recall Report

Manufacturer Name :Mercedes-Benz USA, LLCSubmission Date :MAY 09, 2022NHTSA Recall No. :22V-314Manufacturer Recall No. :NR

Manufacturer Information :

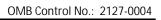
Manufacturer Name :Mercedes-Benz USA, LLCAddress :13470 International Parkway
Jacksonville FL 32218Company phone :1-877-496-3691

Vehicle Information :

Vehicle 1 :	2021-2021 Mercedes-Benz GLB 250	
	LIGHT VEHICLES	
Body Style :		
Power Train :		
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 Image: NR Image: NR	

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.



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Number of potentially involved :

Estimated percentage with defect : 100 %

Population :

22V-314

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Involved Components :

Component Name 1:	Level Sensor Linkage
Component Description :	Level Sensor Linkage
Component Part Number ·	A2473204604

Supplier Identification :

Component Manufacturer

Name :KHT-Fahrzeugteile GmbHAddress :Industriestrasse 13Grevenbroich Foreign States 41516Country :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.

The information contained in this report was submitted pursuant to 49 CFR §573

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.
	Installed level sensor linkage according to current production specifications. A2473204604 Level Sensor Linkage
	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 before July 8, 2022. A copy of all communications will be provided when available.

Planned Dealer Notification Date :MAY 16, 2022 - NRPlanned Owner Notification Date :JUL 08, 2022 - NR

* NR - Not Reported