

Part 573 Safety Recall Report

22V-098

Manufacturer Name : Mercedes-Benz USA, LLC

Submission Date : MAR 25, 2022

NHTSA Recall No. : 22V-098

Manufacturer Recall No. : 2022030015



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 : 6

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2020-2020 Mercedes-Benz GLE 350

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Mercedes-Benz 2020 GLE-Class 6 Vehicles.

The recall population was determined through production records. Vehicles outside of the recall have the wiring harness properly secured at the prefuse box.

Production Dates : JUL 07, 2018 - DEC 04, 2018

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") 2020 GLE-Class (167 platform) vehicles, the wiring harness to the prefuse box in the engine compartment might not be properly secured according to current production specifications.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In this case, the wiring harness to the prefuse box might experience vibrations while driving. Over time, this might result in fuses to open unintentionally within the prefuse box. Subsequently, certain fused systems or components may deactivate (for example steering assist, headlamps, wiper system). In that case, depending on the affected system, the risk of a crash might be increased.

Description of the Cause : Due to a deviation in the development process, the affected vehicles might not be equipped with a cable retainer to secure the wiring harness at the prefuse box.

Identification of Any Warning When the issue occurs, the driver might notice a corresponding warning that can Occur : message in the instrument cluster for the system or component affected.

Involved Components :

Component Name 1 : fuse box in the engine compartment

Component Description : fuse box

Component Part Number : A 167 540 44 28

Supplier Identification :

Component Manufacturer

Name : Kromberg and Schubert Mexico

Address : Parque Industrial Colinas del Rincón

Libramiento Sur Km. 3.5 San Francisco del Rincón, Gto Foreign States No. 2000,

Country : Mexico

Chronology :

In September 2018, MBAG acted in response to a report from the supplier, who had discovered the subject condition in a standard validation test of parts. First analyses indicated vibrations of the wiring harness to be an issue. To eliminate the possibility of excess vibrations of the wiring harness, MBAG asked the supplier to develop a fix immediately. As a preventive measure, the supplier implemented a cable retainer to secure the wiring harness. MBAG reviewed logistics documents together with the supplier to determine which vehicles might potentially be affected. The review determined that all potentially affected vehicles remained in MBAG's control. MBAG reworked all potentially affected vehicles (installing the cable retainer) that were in access by the end of 2018. In the beginning of 2019, the company assumed that all potentially affected vehicles had been reworked and no unreworked vehicles had been released from the plant.

In the course of a standard review of prior plant actions in February 2020, it was detected that some potentially affected vehicles may have left the plant without being reworked. Further analyses to determine which vehicles had reached the field and possible consequences in the field were initiated. From March to June 2020, MBAG operations were severely restricted due to the COVID-19 pandemic.

As operations began to resume in June 2020, the issue was considered to occur at a later point of time in the vehicle's lifetime.

In August 2021, after continuous field monitoring, no cases from the field were detected. Analyses resumed again and in December 2021, possible consequences during the lifetime of the vehicles were finally determined. It could not be ruled out with certainty that in a very unlikely case due to an unfavorable combination of cable routing and driving situation, the described issue could potentially occur over the lifetime

of the vehicle.
Please see chronology supplement.

Description of Remedy :

Description of Remedy Program : An authorized Mercedes-Benz dealer , will replace the prefuse box on the affected vehicles.
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 : Prefuse Box
Remedy Part No: fuse box A 167 540 44 28

Identify How/When Recall Condition was Corrected in Production : The implementation of an additional cable retainer ensures that this issue can no longer occur from December 05, 2018 onwards.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign on February 25, 2022. Owners will be notified of the voluntary recall campaign by a final letter will be mailed on April 8, 2022.
A copy of all communications will be provided when available.

Planned Dealer Notification Date : FEB 25, 2022 - NR

Planned Owner Notification Date : APR 08, 2022 - NR

* NR - Not Reported