

Part 573 Safety Recall Report

22V-466

Manufacturer Name : Mercedes-Benz USA, LLC

Submission Date : SEP 29, 2022

NHTSA Recall No. : 22V-466

Manufacturer Recall No. : 2022070006



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 : 81

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2020-2020 Mercedes-Benz GLS 450

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 35 vehicles The recall population was determined through production records. Vehicles outside of the recall population have the wiring harness routed according to current production specifications.

Production Dates : APR 29, 2019 - FEB 13, 2020

VIN Range 1 : Begin : NR **End :** NR

☐ Not sequential

Vehicle 2 : 2020-2020 Mercedes-Benz GLS 580

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 46 vehicles The recall population was determined through production records. Vehicles outside of the recall population have the wiring harness routed according to current production specifications.

Production Dates : APR 29, 2019 - FEB 13, 2020

VIN Range 1 : Begin : NR **End :** NR

☐ Not sequential

Description of Noncompliance :

Description of the Noncompliance : Mercedes-Benz AG ("MBAG"), the manufacturer of Mercedes-Benz vehicles, has determined that on certain Model Year ("MY") 2020 GLS (167 platform) vehicles, the wiring harness for a front airbag sensor might be damaged in the event of a front impact. In such instances, the requirements of FMVSS 208. S25.3 regarding occupant load in one specific crash test might not be fully satisfied.

FMVSS 1 : 208 - Occupant crash protection

FMVSS 2 : NR

Description of the Safety Risk : In certain frontal crash circumstances, a second-stage frontal airbag deployment may be triggered when only a first-stage deployment is required. In such instances, the requirements of FMVSS 208.S25.3 regarding occupant load in one specific crash test might not be fully satisfied.

Therefore, a non-compliance cannot be ruled out for the specific frontal crash condition of a rigid wall with 100% overlap at 0 degrees at a speed between 13 and 16 mph for an unbelted 5th percentile adult female in an “out-of-position” scenario.

This specific crash situation may increase the risk of injury.

Description of the Cause : Due to a deviation in the development and production process, the wiring harness for a front airbag sensor might be positioned incorrectly.

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 : Wiring harness

Component Description : Wiring harness

Component Part Number : A 167 540 19 37

Supplier Identification :

Component Manufacturer

Name : Mercedes-Benz AG

Address : NR

Foreign States

Country : Germany

Chronology :

In March 2019, MBAG identified a deviation from its specifications for airbag deployment during an internal crash test. At this point, MBAG determined the deviation did not affect safety. Nevertheless, in July 2019 MBAG initiated a plant action to rework all affected vehicles. As part of a review of open plant actions in August 2021, MBAG determined that some vehicles might have been released from the production plant prior to being reworked. In the following months, MBAG conducted an extensive investigation to identify potentially affected

vehicles in the field and possible effects of the wiring harness positioning issue described above. Starting in January 2022, the investigation focused on possible implications regarding vehicle safety regulations in the U.S. and Canada. On June 25, 2022, MBAG determined that a non-compliance could not be ruled out for one specific crash test for a small number of vehicles released to the U.S. and Canada. Therefore, MBAG is filing this non-compliance report. MBAG confirms that it has received no warranty claims, field or service reports, or reports of deaths or injuries related to this non-compliance.

Description of Remedy :

Description of Remedy Program :	An authorized Mercedes-Benz dealer will correct the wiring harness routing 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 :	Vehicles outside of the recall population have the wiring harness routed according to current production specifications. Remedy part: A 167 540 19 37
Identify How/When Recall Condition was Corrected in Production :	A change in the development procedure ensures that this issue can no longer occur from February 14, 2020 onwards.

Recall Schedule :

Description of Recall Schedule :	Dealers will be notified of the pending voluntary recall campaign on July 8, 2022. Owners were notified of the voluntary recall campaign on August 22, 2022. A copy of all communications will be provided when available.
Planned Dealer Notification Date :	AUG 05, 2022 - NR
Planned Owner Notification Date :	AUG 22, 2022 - NR

* NR - Not Reported