

Part 573 Safety Recall Report

19V-820

Manufacturer Name : Mercedes-Benz USA, LLC.**Submission Date :** MAR 13, 2020**NHTSA Recall No. :** 19V-820**Manufacturer Recall No. :** 2020020021**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 : 2,427

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2019-2019 Mercedes-Benz G550 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 463.261 YC6B 1425 Vehicles

The recall population was determined through production records. Vehicles outside of the affected vehicle population have front door wiring harnesses installed according to current production specifications.

Production Dates : JAN 11, 2018 - DEC 03, 2018

VIN Range 1 : Begin : WDCYC6BJKX299441 End : WDCYC7HJ5KX309466 Not sequential

Vehicle 2 : 2019-2019 Mercedes-Benz G63 AMG

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 463.277 YC7H 1002 Vehicles

The recall population was determined through production records. Vehicles outside of the affected vehicle population have front door wiring harnesses installed according to current production specifications.

Production Dates : JUN 11, 2018 - DEC 03, 2018

VIN Range 1 : Begin : WDCYC6BJKX299441 End : WDCYC7HJ5KX309466 Not sequential

Description of Defect :

Description of the Defect : Mercedes-Benz AG ("MBAG"), the manufacturer of Mercedes-Benz vehicles, has determined that on certain MY 2019 G-Class vehicles (463 platform) the front door wiring harnesses might not be routed according to current production specifications.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the front door wiring harness is not routed according to current production specifications, the opening and closing of the front doors might cause individual wires to become damaged.

Damage to certain wires could impact the performance of certain safety features such as the side impact restraint system, the automatic unlocking of the door in the event of a crash, or the vehicle location in the event of an emergency call. Impact to these features could increase the risk of injury in the event of a crash.

Description of the Cause : Due to a suboptimal routing of the wiring harness in the area between vehicle body and front door, individual wires might be damaged by the movement of the opening and closing of the front doors.

Identification of Any Warning that can Occur : The customer will not receive an advance warning due to the nature of the failure mechanism.
When the issue occurs, the customer may be made aware by different warning messages in the instrument cluster, depending on the affected function.

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

At the end of September 2018, MBAG launched an investigation based on an individual field report describing an instance in which a customer reported an SRS warning message in the instrument cluster that was linked to a damaged wire in the front door wiring harness. The initial analysis of this single instance indicated that damage to the pressure sensor wire potentially led to increased resistance and an active SRS lamp. Mercedes began an investigation into whether damaged wire harnesses were occurring in the field and the potential consequences. Similar reports of damaged wire harnesses were infrequent -- a requisite number of returned parts to conduct a thorough analysis was collected by May/June, 2019. Please see chronology supplement.

Description of Remedy :

Description of Remedy Program : An authorized Mercedes-Benz dealer will modify the routing of the front door wiring harness or replace the wiring harness in the event of damages.

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 : The routing of the wiring harness will be modified, or the wiring harness replaced, as needed.

A006989848510
A4636820040 – Damping panel
A4638204007 – Wiring Harness
A4638204107 – Wiring Harness
A4638204207 – Wiring Harness
A4638204307 – Wiring Harness

Identify How/When Recall Condition was Corrected in Production : A change in the routing of the wiring harness ensures that this issue can no longer occur on vehicles produced from Dec 11, 2018 (final inspection date) onwards.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign on November 22, 2019. Owners will be notified of the voluntary recall campaign via interim customer letter on January 06, 2020. A copy of all communications will be provided when available.

Planned Dealer Notification Date : NOV 22, 2019 - NR

Planned Owner Notification Date : JAN 06, 2020 - NR

* NR - Not Reported