

# Part 573 Safety Recall Report

# 19V-820

**Manufacturer Name :** Mercedes-Benz USA, LLC.**Submission Date :** NOV 15, 2019**NHTSA Recall No. :** 19V-820**Manufacturer Recall No. :** NR**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 : WDCYC6BJXKX299441 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 : WDCYC6BJXKX299441 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 initial investigations based on an individual field report describing an instance in which a customer allegedly experienced an SRS warning message in the instrument cluster, linked to a damaged wire in the front door wiring harness.

In the course of initial investigations, the root cause of the damaged wire could not clearly be identified. An optimization of the wiring harness routing was identified, and subsequently introduced into series production at the end of November 2018. At that time, it was not believed that the routing of the wiring harness was the only root cause for the issue. Therefore, detailed investigation into further possible root causes continued.

As MBAG received additional reports of what appeared to be possibly related complaints, MBAG continued its evaluation of the condition to understand whether there were any other potentially contributing factors, including efforts to obtain additional vehicles from the field. However, acquiring vehicles that actually exhibited this complaint for the planned vehicle investigations proved to be challenging. These further vehicle investigations were conducted in May and 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 approximately one week after launch to the dealers on January 14, 2019. A copy of all communications will be provided when available.

**Planned Dealer Notification Date :** NOV 22, 2019 - NR

**Planned Owner Notification Date :** JAN 14, 2020 - NR

\* NR - Not Reported