

Part 573 Safety Recall Report

20V-047

Manufacturer Name : Mercedes-Benz USA, LLC**Submission Date :** FEB 08, 2023**NHTSA Recall No. :** 20V-047**Manufacturer Recall No. :** 2020020016**Manufacturer Information :****Population :**

Manufacturer Name : Mercedes-Benz USA, LLC

Number of potentially involved : 28

Address : 13470 International Parkway

Estimated percentage with defect : 100 %

Jacksonville FL 32218

Company phone : 1-877-496-3691

Vehicle Information :

Vehicle 1 : 2019-2019 Mercedes-Benz AMG GT63 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 290.688 7X8J 18 Vehicles

The recall population was determined through production records. Vehicles outside of the affected vehicle population have the fixing clip mounted according to current production specifications.

Production Dates : MAY 24, 2018 - DEC 06, 2018

VIN Range 1 : Begin : WDD7X8JB0KA000267 End : WDD7X8JBXKA001426 Not sequential

Vehicle 2 : 2019-2019 Mercedes-Benz AMG GT63S 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 290.689 7X8K 10 Vehicles

The recall population was determined through production records. Vehicles outside of the affected vehicle population have the fixing clip mounted according to current production specifications.

Production Dates : MAY 24, 2018 - DEC 06, 2018

VIN Range 1 : Begin : WDD7X8KB2KA001290 End : WDD7X8KBXKA000212 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 GT-Class vehicles (290 platform), the mounting of a fixing clip on a wiring harness of the automatic transmission might not meet current production specifications.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the wiring harness fixation clip is not mounted according to current production specification, the wiring harness might chafe against the drive shaft and become damaged over time. This could lead to an interruption of the electrical wires and then a loss of propulsion, resulting in a stalling of the vehicle and an increased crash risk.

In addition, if a specific wire within the harness is damaged, the manual and automatic Park "P"-selection might not be available. However, the vehicle is still secured against unintended rolling with the electric parking brake.

Description of the Cause : Due to a deviation in the assembly process, the mounting of a fixing clip on a wiring harness of the automatic transmission might not meet current production specifications.

Identification of Any Warning that can Occur : The customer will not receive an advance warning of incorrect mounting of the wiring harness fixation clips. However, if the wiring harness is damaged and the vehicle cannot be shifted into Park, there will be a message displayed in the instrument cluster.

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

As part of its standard quality review process, MBAG conducted vehicle testing on certain dynamic samples. This process identified excessive amounts of noise emanating from some of the sample parts. In mid-November 2018, MBAG initiated an investigation to understand the condition further. It was found that the noise was due to contact between the wire harness and the driveshaft and was influenced by the placement of the fixing clip. In early December 2018, a plant action was initiated and the process for installing the fixing clip was revised and all vehicles at the plant were reworked. During the course of an audit of open plant actions, in August 2019, MBAG reviewed the current issue. It began to evaluate the potential consequences of the prior mounting of the fixing clip and later found that depending on which line(s) of the wiring harness was affected, there was a potential for the vehicle propulsion to be affected. MBAG also reviewed the vehicles affected by the plant action and found that some vehicles had been released prior to being reworked at the plant, including 28 vehicles that were sold to the US market. On January 17, 2020, MBAG decided to conduct a recall to address the vehicles in the field. 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.

Description of Remedy :

Description of Remedy Program : An authorized Mercedes-Benz dealer will check the mounting of the fixing clip and the wiring harness on the affected vehicles and correct or replace them, 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.

How Remedy Component Differs from Recalled Component : fixing clip mounting according to specifications.
Wiring Harness- Part Number A2905407206 Wiring Harness – Part Number A2905407306
Wiring Harness – Part Number A2905407406
Wiring Harness – Part Number A2905407506
Wiring Harness – Part Number A2905409106
Wiring Harness – Part Number A2905409206

Identify How/When Recall Condition was Corrected in Production : A change in the assembly process ensures that this issue can no longer occur from Dec 07, 2018 onwards.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign on February 3, 2020. Owners will be notified of the voluntary recall campaign approximately one week after launch to the dealers on March 13, 2020. A copy of all communications will be provided when available.

Planned Dealer Notification Date : FEB 03, 2020 - NR

Planned Owner Notification Date : MAR 13, 2020 - NR

* NR - Not Reported