

# Part 573 Safety Recall Report

# 17V-713

**Manufacturer Name :** Mercedes-Benz USA, LLC.

**Submission Date :** NOV 29, 2017

**NHTSA Recall No. :** 17V-713

**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 :** 8,043

**Estimated percentage with defect :** 100 %

## Vehicle Information :

**Vehicle 1 :** 2016-2017 Mercedes-Benz G 550 4MATIC

**Vehicle Type :** LIGHT VEHICLES

**Body Style :** SUV

**Power Train :** GAS

**Descriptive Information :** 463.239 YC3K 3260 Vehicles The recall population was determined by identifying all vehicles with potentially affected software versions. Vehicles not recalled have the new software.

**Production Dates :** MAY 20, 2015 - OCT 20, 2017

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

Not sequential

**Vehicle 2 :** 2016-2017 Mercedes-Benz G 63 AMG

**Vehicle Type :** LIGHT VEHICLES

**Body Style :** SUV

**Power Train :** GAS

**Descriptive Information :** 463.273 YC7D 4456 Vehicles The recall population was determined by identifying all vehicles with potentially affected software versions. Vehicles not recalled have the new software.

**Production Dates :** MAY 20, 2015 - OCT 20, 2017

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

Not sequential

**Vehicle 3 :** 2016-2017 Mercedes-Benz G 65 AMG

**Vehicle Type :** LIGHT VEHICLES

**Body Style :** SUV

**Power Train :** GAS

**Descriptive Information :** 463.275 YC7F 327 Vehicles The recall population was determined by identifying all vehicles with potentially affected software versions. Vehicles not recalled have the new software.

Production Dates : MAY 20, 2015 - OCT 20, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Daimler AG (DAG), the manufacturer of Mercedes-Benz vehicles, has determined that on certain G-Class vehicles (463 platform) with DISTRONIC PLUS the Electronic Stability Program (ESP) software may malfunction under certain conditions. Should the communication between DISTRONIC PLUS and ESP be lost while driving, and where DISTRONIC PLUS is activated, the engine torque at the time of the communication loss would be maintained for that duration.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The engine torque would be provided regardless of vehicle speed, driving situation or driver brake application. The vehicle can be stopped at all times by firmly applying the brake or by shifting the transmission into neutral. However, significantly increased brake force application might be necessary depending on the actual engine torque. Subsequently, the braking and/or stopping distance might increase. This may increase the risk of a crash.

Description of the Cause : This issue might occur due to incorrectly programmed ESP software.

Identification of Any Warning  
that can Occur : NR

**Supplier Identification :****Component Manufacturer**

Name : Robert Bosch GmbH

Address : Steiermaerker Strasse 3-5

Stuttgart-Feuerbach FOREIGN STATES 70469

Country : Germany

**Chronology :**

In August 2017, DAG launched initial investigations based on a test drive where the subject condition outlined above had been reported.

The investigations indicated in September 2017 that the issue was caused by incorrectly programmed ESP software.

Subsequently, the ESP software was corrected and in October 2017, tests were conducted to confirm the effectiveness of the remedy.

In parallel, the potentially affected vehicles were determined.  
In November 2017, DAG determined that a potential safety risk cannot be ruled out.

## Description of Remedy :

Description of Remedy Program : As a precautionary measure an authorized Mercedes-Benz dealer, will program the ESP control unit with new software. Pursuant to 49 C.F.R. § 577.11(e), MBUSA does not plan to provide notice about pre-notice reimbursement to owners since all involved vehicles remain covered under the new vehicle warranty.

How Remedy Component Differs from Recalled Component : New ESP software version A463 902 55 02

Identify How/When Recall Condition was Corrected in Production : A change in the ESP software ensures that this issue can no longer occur on vehicles produced from October 30, 2017 onwards.

## Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the voluntary recall campaign in November 2017. A copy of all communications will be provided when available. Owners will be notified in December 2017, and/or approximately one week after recall launch to the dealers.

Planned Dealer Notification Date : NOV 28, 2017 - NR

Planned Owner Notification Date : DEC 06, 2017 - NR

\* NR - Not Reported