

# Part 573 Safety Recall Report

# 19V-892

**Manufacturer Name :** Mercedes-Benz USA, LLC.**Submission Date :** DEC 13, 2019**NHTSA Recall No. :** 19V-892**Manufacturer Recall No. :** NR**Manufacturer Information :****Population :**

Manufacturer Name : Mercedes-Benz USA, LLC.

Number of potentially involved : 129

Address : 13470 International Parkway

Estimated percentage with defect : 100 %

Jacksonville FL 32218

Company phone : 1-877-496-3691

**Vehicle Information :**

Vehicle 1 : 2015-2018 Mercedes-Benz CLA250 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 117.346 SJ4G 37 Vehicles

The recall population was determined through production records. Vehicles outside the recall population have a correctly calibrated occupant classification system for the front passenger seat.

Production Dates : JAN 19, 2015 - OCT 26, 2017

VIN Range 1 : Begin : WDDSJ4GB0FN206943 End : WDDSJ4GBXJN561868  Not sequential

Vehicle 2 : 2015-2018 Mercedes-Benz CLA250

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 117.344 SJ4E 90 Vehicles

The recall population was determined through production records.

Vehicles outside the recall population have a correctly calibrated occupant classification system for the front passenger seat.

Production Dates : JAN 19, 2015 - OCT 26, 2017

VIN Range 1 : Begin : WDDSJ4EB0FN244417 End : WDDSJ4EBXJN594968  Not sequential

Vehicle 3 : 2017-2018 Mercedes-Benz CLA45 AMG

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 117.352 SJ5C 2 Vehicles

The recall population was determined through production records.

Vehicles outside the recall population have a correctly calibrated occupant classification system for the front passenger seat.

Production Dates : JAN 19, 2015 - OCT 26, 2017

VIN Range 1 : Begin : WDDSJ5CB6HN437523 End : WDDSJ5CB2JN539178  Not sequential

## Description of Defect :

Description of the Defect : Mercedes-Benz AG ("MBAG"), the manufacturer of Mercedes-Benz vehicles, has determined that on certain MY15-18 CLA (117 platform) vehicles, the calibration of the Occupant Classification System (OCS) for the front passenger seat might not meet current production specifications.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the OCS is not calibrated according to production specifications, an installed child seat might be classified as an occupant, or a small and light occupant might be classified as a child seat. Therefore, the passenger airbag might be activated despite a mounted child seat.

Conversely, the front passenger airbag might be deactivated despite an occupant sitting on the front passenger seat.

Both cases would increase the risk of injuries to the passenger in case of a crash necessitating an airbag deployment.

Description of the Cause : Due to a production deviation at a supplier, some seats may have been installed with incorrect calibration parameters for the seat occupant classification system.

Identification of Any Warning that can Occur : The customer may be made aware of the status of the passenger airbag by the PASSENGER AIRBAG ON / OFF lamp in the lower center console.

## Supplier Identification :

### Component Manufacturer

Name : Adient Ltd. & Co. KG

Address : Industriestraße 20-30

Burscheid FOREIGN STATES 51399

Country : Germany

## Chronology :

In September 2019, MBAG's product regulation team became aware of a supplier's report from November 2017, which was believed to be related to a recall already decided in August 2018 (18V-514). The report states that a software change had been made earlier in November 2017. This software change related to the calibration of the occupant classification system on seats provided by that supplier. The supplier reported that within its facilities, a seat is placed into a Force Application Machine (FAM), which determines the correct calibration for the seat based on the seat variant and various physical dimensions. There was a possibility that if a seat had been rejected or if the calibration was incomplete, the FAM would nonetheless retain the information relevant to that seat and apply it to the following seat, which could be of a different seat variant, therefore causing a wrong calibration. In the thorough analysis of the report, it became apparent that it had a different root cause than the recall conducted in 2018. After confirming that the 2018 recall did not involve the same vehicle population, MBAG promptly investigated the potential impact of the FAM calibration concerns. This included the extent to which the passenger airbag status displays were accurately capturing the occupancy status of the potentially affected seats and the extent to which seats may have received an accurate calibration even if the calibration was set for the previous seat in the FAM.

Please see Chronology Supplement

## Description of Remedy :

Description of Remedy Program : An authorized Mercedes-Benz dealer, will replace the passenger seat cushion on the affected vehicles

How Remedy Component Differs from Recalled Component : Passenger seat cushion equipped with correct calibration parameters of the OCS.

Seat Cusion  
A1179100001  
A1179100301  
A1179100401  
A1179100501  
A1179100601  
A1179100701  
A1179100801  
A1179105800  
A1179109900  
A1769100109  
A1769101309  
A1769103305  
A1769103405  
A1769103705  
A1769107309  
A1769107907  
A1769108207  
A1769108407  
A1769108507  
A1769108607

A1769108707  
A1769108807  
A1769108907  
A1769109107  
A1769109207  
A1769109307  
A1769109407  
A1769109707  
A1769109708  
A1769109908  
A2469102604  
A2469102704  
A2469102904  
A2469103004  
A2469103104  
A2469103204  
A2469103304  
A2469103504  
A2469103604  
A2469104004  
A2469105404  
A2469105504  
A2469105604  
A2469105803  
A2469105804  
A2469106304  
A2469106404  
A2469106604  
A2469106704

Identify How/When Recall Condition was Corrected in Production : A change in the production procedure of our supplier ensures that this issue can no longer occur from Nov 03, 2017 onwards.

### Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign on December 20, 2019. Owners will be notified of the voluntary recall campaign approximately one week after launch to the dealers on February 11, 2020. A copy of all communications will be provided when available.

Planned Dealer Notification Date : DEC 20, 2019 - NR

Planned Owner Notification Date : FEB 11, 2020 - NR

\* NR - Not Reported