

Part 573 Safety Recall Report

19V-892

Manufacturer Name : Mercedes-Benz USA, LLC.**Submission Date :** FEB 10, 2020**NHTSA Recall No. :** 19V-892**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 : 129

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 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 2 : 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 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 via interim letter on February 7, 2020. A copy of all communications will be provided when available.

Planned Dealer Notification Date : DEC 20, 2019 - NR

Planned Owner Notification Date : FEB 07, 2020 - NR

* NR - Not Reported