

Part 573 Safety Recall Report

19V-788

Manufacturer Name : Mercedes-Benz USA, LLC.

Submission Date : MAR 24, 2020

NHTSA Recall No. : 19V-788

Manufacturer Recall No. : 2020020017



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 : 29,720

Estimated percentage with defect : 5 %

Vehicle Information :

Vehicle 1 : 2019-2019 Mercedes-Benz CLS450 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 257.359 2J5K 799 Vehicles

The recall population was determined through production records. Vehicles outside of the recall population have front seatbelt buckles manufactured according to current production specifications.

Production Dates : JUN 02, 2018 - OCT 31, 2018

VIN Range 1 : Begin : WDC0G4JB0KF480456 End : WDDZH8KBXKA572130 Not sequential

Vehicle 2 : 2019-2019 Mercedes-Benz GT63 AMG Four Door 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 290.688 7X8J 3 Vehicles

The recall population was determined through production records. Vehicles outside of the recall population have front seatbelt buckles manufactured according to current production specifications.

Production Dates : JUN 02, 2018 - OCT 31, 2018

VIN Range 1 : Begin : WDC0G4JB0KF480456 End : WDDZH8KBXKA572130 Not sequential

Vehicle 3 : 2018-2019 Mercedes-Benz E300

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 213.048 ZF4J 6524 Vehicles

The recall population was determined through production records. Vehicles outside of the recall population have front seatbelt buckles manufactured according to current production specifications.

Production Dates : JUN 02, 2018 - OCT 31, 2018

VIN Range 1 : Begin : WDC0G4JB0KF480456 End : WDDZH8KBXKA572130 Not sequential

Vehicle 4 : 2018-2019 Mercedes-Benz E300 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 213.049 ZF4K 4316 Vehicles

The recall population was determined through production records. Vehicles outside of the recall population have front seatbelt buckles manufactured according to current production specifications.

Production Dates : JUN 02, 2018 - OCT 31, 2018

VIN Range 1 : Begin : WDC0G4JB0KF480456 End : WDDZH8KBXKA572130 Not sequential

Vehicle 5 : 2018-2018 Mercedes-Benz E400 Wagon 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : 213.266 ZH6G 9 Vehicles

The recall population was determined through production records. Vehicles outside of the recall population have front seatbelt buckles manufactured according to current production specifications.

Production Dates : JUN 02, 2018 - OCT 31, 2018

VIN Range 1 : Begin : WDC0G4JB0KF480456 End : WDDZH8KBXKA572130 Not sequential

Vehicle 6 : 2018-2018 Mercedes-Benz E400 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 213.066 ZF6G 1 Vehicles

The recall population was determined through production records. Vehicles outside of the recall population have front seatbelt buckles manufactured according to current production specifications.

Production Dates : JUN 02, 2018 - OCT 31, 2018

VIN Range 1 : Begin : WDC0G4JB0KF480456 End : WDDZH8KBXKA572130 Not sequential

Vehicle 7 : 2018-2018 Mercedes-Benz E43 AMG 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 213.064 ZF6E 60 Vehicles

The recall population was determined through production records. Vehicles outside of the recall population have front seatbelt buckles manufactured according to current production specifications.

Production Dates : JUN 02, 2018 - OCT 31, 2018

VIN Range 1 : Begin : WDC0G4JB0KF480456 End : WDDZH8KBXKA572130 Not sequential

Vehicle 8 : 2018-2019 Mercedes-Benz E63S AMG 4MATIC Wagon

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : 213.289 ZH8K 202 Vehicles

The recall population was determined through production records. Vehicles outside of the recall population have front seatbelt buckles manufactured according to current production specifications.

Production Dates : JUN 02, 2018 - OCT 31, 2018

VIN Range 1 : Begin : WDC0G4JB0KF480456 End : WDDZH8KBXKA572130 Not sequential

Vehicle 9 : 2019-2019 Mercedes-Benz E53 AMG 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 213.061 ZF6B 503 Vehicles

The recall population was determined through production records. Vehicles outside of the recall population have front seatbelt buckles manufactured according to current production specifications.

Production Dates : JUN 02, 2018 - OCT 31, 2018

VIN Range 1 : Begin : WDC0G4JB0KF480456 End : WDDZH8KBXKA572130 Not sequential

Vehicle 10 : 2019-2019 Mercedes-Benz E450 Wagon

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : 213.268 ZH6J 1047 Vehicles

The recall population was determined through production records. Vehicles outside of the recall population have front seatbelt buckles manufactured according to current production specifications.

Production Dates : JUN 02, 2018 - OCT 31, 2018

VIN Range 1 : Begin : WDC0G4JB0KF480456 End : WDDZH8KBXKA572130 Not sequential

Vehicle 11 : 2018-2019 Mercedes-Benz E63 AMG 4MATIC Wagon

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : 213.089 ZF8K 1059 Vehicles

The recall population was determined through production records. Vehicles outside of the recall population have front seatbelt buckles manufactured according to current production specifications.

Production Dates : JUN 02, 2018 - OCT 31, 2018

VIN Range 1 : Begin : WDC0G4JB0KF480456 End : WDDZH8KBXKA572130 Not sequential

Vehicle 12 : 2019-2019 Mercedes-Benz G550 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 463.261 YC6B 1237 Vehicles

The recall population was determined through production records. Vehicles outside of the recall population have front seatbelt buckles manufactured according to current production specifications.

Production Dates : JUN 02, 2018 - OCT 31, 2018

VIN Range 1 : Begin : WDC0G4JB0KF480456 End : WDDZH8KBXKA572130 Not sequential

Vehicle 13 : 2019-2019 Mercedes-Benz G63 AMG

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 463.277 YC7H 723 Vehicles

The recall population was determined through production records. Vehicles outside of the recall population have front seatbelt buckles manufactured according to current production specifications.

Production Dates : JUN 02, 2018 - OCT 31, 2018

VIN Range 1 : Begin : WDC0G4JB0KF480456 End : WDDZH8KBXKA572130 Not sequential

Vehicle 14 : 2019-2019 Mercedes-Benz GLC300 Coupe 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 253.349 0J4K 1987 Vehicles

The recall population was determined through production records. Vehicles outside of the recall population have front seatbelt buckles manufactured according to current production specifications.

Production Dates : JUN 02, 2018 - OCT 31, 2018

VIN Range 1 : Begin : WDC0G4JB0KF480456 End : WDDZH8KBXKA572130 Not sequential

Vehicle 15 : 2019-2019 Mercedes-Benz GLC300
Vehicle Type : LIGHT VEHICLES
Body Style : SUV
Power Train : GAS

Descriptive Information : 253.948 0G4J 1464 Vehicles

The recall population was determined through production records. Vehicles outside of the recall population have front seatbelt buckles manufactured according to current production specifications.

Production Dates : JUN 02, 2018 - OCT 31, 2018

VIN Range 1 : Begin : WDC0G4JB0KF480456 End : WDDZH8KBXKA572130 Not sequential

Vehicle 16 : 2019-2019 Mercedes-Benz GLC300 4MATIC
Vehicle Type : LIGHT VEHICLES
Body Style : SUV
Power Train : GAS

Descriptive Information : 253.949 0G4K 1459 Vehicles

The recall population was determined through production records. Vehicles outside of the recall population have front seatbelt buckles manufactured according to current production specifications.

Production Dates : JUN 02, 2018 - OCT 31, 2018

VIN Range 1 : Begin : WDC0G4JB0KF480456 End : WDDZH8KBXKA572130 Not sequential

Vehicle 17 : 2019-2019 Mercedes-Benz GLC350e 4MATIC
Vehicle Type : LIGHT VEHICLES
Body Style : SUV
Power Train : HYBRID ELECTRIC

Descriptive Information : 253.954 0G5E 1370 Vehicles

The recall population was determined through production records. Vehicles outside of the recall population have front seatbelt buckles manufactured according to current production specifications.

Production Dates : JUN 02, 2018 - OCT 31, 2018

VIN Range 1 : Begin : WDC0G4JB0KF480456 End : WDDZH8KBXKA572130 Not sequential

Vehicle 18 : 2019-2019 Mercedes-Benz GLC43 AMG Coupe 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 253.364 0J6E 654 Vehicles

The recall population was determined through production records. Vehicles outside of the recall population have front seatbelt buckles manufactured according to current production specifications.

Production Dates : JUN 02, 2018 - OCT 31, 2018

VIN Range 1 : Begin : WDC0G4JB0KF480456 End : WDDZH8KBXKA572130 Not sequential

Vehicle 19 : 2019-2019 Mercedes-Benz GLC43 AMG 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 253.964 0G6E 1338 Vehicles

The recall population was determined through production records. Vehicles outside of the recall population have front seatbelt buckles manufactured according to current production specifications.

Production Dates : JUN 02, 2018 - OCT 31, 2018

VIN Range 1 : Begin : WDC0G4JB0KF480456 End : WDDZH8KBXKA572130 Not sequential

Vehicle 20 : 2019-2019 Mercedes-Benz GLC63 AMG Coupe 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 253.388 0J8J 172 Vehicles

The recall population was determined through production records. Vehicles outside of the recall population have front seatbelt buckles manufactured according to current production specifications.

Production Dates : JUN 02, 2018 - OCT 31, 2018

VIN Range 1 : Begin : WDC0G4JB0KF480456 End : WDDZH8KBXKA572130 Not sequential

Vehicle 21 : 2018-2019 Mercedes-Benz GLC63S Coupe AMG 4MATIC
Vehicle Type : LIGHT VEHICLES
Body Style : SUV
Power Train : GAS

Descriptive Information : 253.389 0J8K 252 Vehicles

The recall population was determined through production records. Vehicles outside of the recall population have front seatbelt buckles manufactured according to current production specifications.

Production Dates : JUN 02, 2018 - OCT 31, 2018

VIN Range 1 : Begin : WDC0G4JB0KF480456 End : WDDZH8KBXKA572130 Not sequential

Vehicle 22 : 2019-2019 Mercedes-Benz GLC63 AMG 4MATIC
Vehicle Type : LIGHT VEHICLES
Body Style : SUV
Power Train : GAS

Descriptive Information : 253.988 0G8J 541 Vehicles

The recall population was determined through production records. Vehicles outside of the recall population have front seatbelt buckles manufactured according to current production specifications.

Production Dates : JUN 02, 2018 - OCT 31, 2018

VIN Range 1 : Begin : WDC0G4JB0KF480456 End : WDDZH8KBXKA572130 Not sequential

Vehicle 23 : 2019-2019 Mercedes-Benz CLS450
Vehicle Type : LIGHT VEHICLES
Body Style : 4-DOOR
Power Train : GAS

Descriptive Information : 257.358 2J5J 923 Vehicles

The recall population was determined through production records. Vehicles outside of the recall population have front seatbelt buckles manufactured according to current production specifications.

Production Dates : JUN 02, 2018 - OCT 31, 2018

VIN Range 1 : Begin : WDC0G4JB0KF480456 End : WDDZH8KBXKA572130 Not sequential

Vehicle 24 : 2019-2019 Mercedes-Benz GT63S AMG Four-Door 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 290.689 7X8K 8 Vehicles

The recall population was determined through production records. Vehicles outside of the recall population have front seatbelt buckles manufactured according to current production specifications.

Production Dates : JUN 02, 2018 - OCT 31, 2018

VIN Range 1 : Begin : WDC0G4JB0KF480456 End : WDDZH8KBXKA572130 Not sequential

Vehicle 25 : 2019-2019 Mercedes-Benz CLS53 AMG 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 257.361 2J6B 595 Vehicles

The recall population was determined through production records. Vehicles outside of the recall population have front seatbelt buckles manufactured according to current production specifications.

Production Dates : JUN 02, 2018 - OCT 31, 2018

VIN Range 1 : Begin : WDC0G4JB0KF480456 End : WDDZH8KBXKA572130 Not sequential

Description of Defect :

Description of the Defect : Mercedes-Benz AG ("MBAG"), the manufacturer of Mercedes-Benz vehicles, has determined that on certain Model Year 2018-2019 ("MY") GLC-Class (253 platform), E-Class (213 platform), CLS-Class (257 platform), GT (290 platform) and G-Class (463 platform) vehicles, certain front seat belt buckles might not have been manufactured according to current production specification. A correctly latched seat belt could be erroneously detected as not latched.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The occupants would be made aware by both a warning symbol in the instrument cluster as well as by an acoustic signal that warns instantly at the start of the drive. As a result, neither the electric PRE-SAFE®-function nor the pretensioner would be activated in the event of a crash in which the restraint systems are activated. Thus, the full effect of the restraint system could be impaired, increasing the risk of injury for the front passengers.

Description of the Cause : Due to a production deviation at a supplier, certain seat belt buckles might not have been manufactured according to current production specification.

Identification of Any Warning that can Occur : The customer will be made aware of the issue by a warning signal and the seat belt warning lamp in the instrument cluster.

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : Autoliv B.V. & Co. KG

Address : P O Box 109

Elmshorn FOREIGN STATES 25337

Country : Germany

Chronology :

In October 2018, MBAG received complaints about securely latched seat belt buckles not being identified as such. Parts which had been retrieved from the field were reassembled into test vehicles, and MBAG was able to duplicate the complaint. The topic was communicated back to the supplier, who quickly installed a 100% End-of-Line check within their production process. A root cause for the complaint could not be identified at this point, and a taskforce was created to thoroughly analyze the issue. The analysis indicated that the geometrical dimensions of the sub-components of the seat belt buckle apparently had an impact on the described issue. MBAG and the supplier developed a check process and tool to validate this hypothesis. Through numerous tests on actual seat belt buckles, the analysis revealed that the failure could occur with seat belt buckle housings from one specific sub-supplier, if the latch plate was intentionally inserted in a skewed orientation into the buckle. In late August 2019, MBAG was made aware of two VOQs that reported issues similar to the topic being investigated and similar to the issue underlying a prior recall (18V-839). MBAG explained to NHTSA at that time that the issues were distinct and attributable to components. MBAG advised NHTSA that its review of the issue, including vehicle scope, was ongoing.

Please see Chronology Supplement.

Description of Remedy :

Description of Remedy Program : An authorized Mercedes-Benz dealer will check the relevant seat belt buckles in the affected vehicles and 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 all involved vehicles remain covered under the new vehicle warranty.

How Remedy Component Differs from Recalled Component : Replacement seatbelt buckles manufactured according to current production specification. Replacement part numbers vary by model and variant. Seatbelt Buckle - A2138600169, A2058600169, A2058600769, A2058600869.

Identify How/When Recall Condition was Corrected in Production : A change in the production procedure of the supplier ensures that this issue can no longer occur from November 1, 2018 onwards.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign on November 08, 2019. Owners will be notified of the recall via interim letter on December 20, 2019. A copy of all communications will be provided when available.

Planned Dealer Notification Date : NOV 08, 2019 - NR

Planned Owner Notification Date : DEC 20, 2019 - NR

* NR - Not Reported