

Part 573 Safety Recall Report

19V-571

Manufacturer Name : Mercedes-Benz USA, LLC.**Submission Date :** DEC 06, 2019**NHTSA Recall No. :** 19V-571**Manufacturer Recall No. :** 2019100016**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 : 457

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2018-2019 Mercedes-Benz SL450

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : 231.466 JK6G 232 Vehicles

The recall population was determined through production records. Vehicles outside the recall population have unaffected front passenger airbags that have material sewn according to production specification.

Production Dates : MAR 20, 2018 - NOV 22, 2018

VIN Range 1 : Begin : WDDJK6GA0JF053785 End : WDDJK7KA1JF053758 Not sequential

Vehicle 2 : 2018-2018 Mercedes-Benz SL65 AMG

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : 231.479 JK7K 1 Vehicle

The recall population was determined through production records. Vehicles outside the recall population have unaffected front passenger airbags that have material sewn according to production specification.

Production Dates : MAR 20, 2018 - NOV 22, 2018

VIN Range 1 : Begin : WDDJK6GA0JF053785 End : WDDJK7KA1JF053758 Not sequential

Vehicle 3 : 2019-2019 Mercedes-Benz SL63 AMG

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : 231.474 JK7E 38 Vehicles

The recall population was determined through production records. Vehicles outside

the recall population have unaffected front passenger airbags that have material sewn according to production specification.

Production Dates : MAR 20, 2018 - NOV 22, 2018

VIN Range 1 : Begin : WDDJK6GA0JF053785 End : WDDJK7KA1JF053758 Not sequential

Vehicle 4 : 2018-2019 Mercedes-Benz SL550

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : 231.473 JK7D 186 Vehicles

The recall population was determined through production records. Vehicles outside the recall population have unaffected front passenger airbags that have material sewn according to production specification.

Production Dates : MAR 20, 2018 - NOV 22, 2018

VIN Range 1 : Begin : WDDJK6GA0JF053785 End : WDDJK7KA1JF053758 Not sequential

Description of Defect :

Description of the Defect : Daimler AG, ("DAG"), the manufacturer of Mercedes-Benz vehicles, has determined that on certain Model Year ("MY") 2018-2019 SL-Class vehicles (231 platform), the front passenger airbag material may not have been sewn according to production specifications.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In the event of a crash an airbag deployment, the circumferential seam in the passenger airbag material might tear, possibly affecting the performance of the airbag, which might increase the risk of injury for the front passenger.

Description of the Cause : Due to a production deviation at a supplier, a certain batch of passenger airbag material may not have been sewn according to production specification.

Identification of Any Warning that can Occur : The customer will not receive an advance warning due to the nature of the failure mechanism.

Supplier Identification :

Component Manufacturer

Name : Joyson Safety Systems Aschaffenburg GmbH

Address : Bahnweg 1

Aschaffenburg FOREIGN STATES D-63743

Country : Germany

Chronology :

At the end of September 2018, DAG was informed by its airbag supplier that the airbag material seam separated in a single case during the deployment of a front passenger airbag in conformity of production ("COP") testing of the instrument cluster with the airbag, carried out by the instrument cluster supplier. In November 2018, DAG was informed by the instrument cluster supplier of a second, similar occurrence during COP testing. Analysis of the front passenger airbag after deployment showed a small tear at the circumferential seam of the airbag material and an investigation was initiated. The investigation initially indicated a production error as a potential root cause for the tearing of the airbag material at the seam.

In December 2018, working together with the supplier, DAG initiated further analyses. These analyses included numerical simulations and physical testing on potentially affected airbags in order to determine whether the small seam tears that were previously observed might adversely affect impact occupant protection in a crash.

The supplier completed its testing and reported back to Daimler in March 2019. The supplier concluded that, while the front passenger airbag material might slightly tear at the circumferential seam during an airbag deployment, the supplier's analysis did not indicate that the airbag's restraint function would be impaired, and therefore the occupant protection would not be adversely impacted.

Please see supplement for complete chronology.

Description of Remedy :

Description of Remedy Program : As a precautionary measure an authorized Mercedes-Benz dealer will replace the passenger airbag on the affected vehicles.

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 : Unaffected front passenger airbags have material sewn according to production specification . A2318601300 - Beifahrerairbag

Identify How/When Recall Condition was Corrected in Production : A change in the production procedure of DAG's supplier ensures that this issue can no longer occur from November 23, 2018 onwards.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign on August 9, 2019. Owners will be notified of the recall via interim letter on September 13, 2019. An additional notification will be sent once the remedy is available. A copy of all communications will be provided when available.

Planned Dealer Notification Date : AUG 09, 2019 - NR

Planned Owner Notification Date : SEP 13, 2019 - NR

* NR - Not Reported