

Part 573 Safety Recall Report

20V-172

Manufacturer Name : Mercedes-Benz USA, LLC.**Submission Date :** MAR 20, 2020**NHTSA Recall No. :** 20V-172**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 : 224

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2020-2020 Mercedes-Benz GLE-Class

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Mercedes-Benz 2020 GLE-Class (167 platform) 179 vehicles.

The recall population was determined through production records. For vehicles outside of the affected vehicle population, the rear crossmember is welded according to current production specifications.

Production Dates : SEP 21, 2019 - OCT 28, 2019

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2020-2020 Mercedes-Benz GLS-Class

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Mercedes-Benz 2020 GLS-Class (X 167 Platform) 45 vehicles.

The recall population was determined through production records. For vehicles outside of the affected vehicle population, the rear crossmember is welded according to current production specifications.

Production Dates : SEP 21, 2019 - OCT 28, 2019

VIN Range 1 : Begin : NR End : NR

 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 ("MY") 2020 GLE-Class (167 platform) and GLS-Class (X167 platform) vehicles, the tensile strength of the welds on the rear crossmember might not meet current production specifications.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : When the rear towing eye is used for towing, cracks might occur in the weld seams which could lead to the rear crossmember detaching from the vehicle, increasing the risk of a crash for other road users.

Description of the Cause : Due to a production deviation at a supplier, the weld seams on a certain batch of rear crossmembers might not meet the tensile strength specifications.

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

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : MAGNA / COSMA INTERNATIONAL / KAMTEK INC

Address : 1595 Sterilite Drive

Birmingham ALABAMA 35215

Country : United States

Chronology :

In the end of September 2019, MBAG was made aware of a potential deviation in the welding process of the rear crossmember at its supplier. MBAG launched an investigation together with the supplier to analyze the nature of the deviation and potential effects of not meeting the welding specification for the rear cross member. In November 2019, MBAG requested from the supplier a sample cross-member that was not produced to specification in order to conduct its own analysis. The sample part was shipped from the United

States to MBAG, which began to conduct a series of internal load tests. The results indicated that the tensile strength requirements during towing might not meet specification.

Further investigations were performed to check the potentially affected batch at the supplier and to identify potentially affected vehicles.

On March 13, 2020, MBAG decided to conduct a safety recall.

Description of Remedy :

Description of Remedy Program : An authorized Mercedes-Benz dealer will replace the rear crossmember 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 none of the involved vehicles would have been previously subject to the condition described and all remain covered under the new vehicle warranty.

How Remedy Component Differs from Recalled Component : Rear crossmember welded according to specification

Rear crossmember - part number - A167 610 04 04
Rear crossmember - part number - A167 610 99 00
Nuts - part number - N000 000 00 82 69

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 on vehicles with a production date starting from Oct 29, 2019 onwards.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign on March 27, 2020. Owners will be notified of the voluntary recall campaign approximately one week after launch to the dealers on May 19, 2020. A copy of all communications will be provided when available.

Planned Dealer Notification Date : MAR 27, 2020 - NR

Planned Owner Notification Date : MAY 19, 2020 - NR

* NR - Not Reported