

Part 573 Safety Recall Report

19V-915

Manufacturer Name : Mercedes-Benz USA, LLC.

Submission Date : MAY 01, 2020

NHTSA Recall No. : 19V-915

Manufacturer Recall No. : 2020030020



Manufacturer Information :

Population :

Manufacturer Name : Mercedes-Benz USA, LLC.

Number of potentially involved : 75

Address : 13470 International Parkway

Estimated percentage with defect : 100 %

Jacksonville FL 32218

Company phone : 1-877-496-3691

Vehicle Information :

Vehicle 1 : 2018-2018 Mercedes-Benz S450

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 222.166 UG6G 5 vehicles. The recall population was determined through production records. Vehicles outside the recall population have the correct front axle brake system.

Production Dates : APR 09, 2018 - APR 28, 2018

VIN Range 1 : Begin : WDDUG6GB1JA416535 **End :** WDDUG6GBXJA413603 Not sequential

Vehicle 2 : 2018-2018 Mercedes-Benz S560

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 222.183 UG8D 70 Vehicles. The recall population was determined through production records. Vehicles outside the recall population have the correct front axle brake system.

Production Dates : APR 09, 2018 - APR 28, 2018

VIN Range 1 : Begin : WDDUG8DBOJA413576 **End :** WDDUG8DBXJA417053 Not sequential

Description of Noncompliance :

Description of the Noncompliance : Mercedes-Benz AG ("MBAG"), the manufacturer of Mercedes-Benz vehicles, has determined that on certain S-Class vehicles (222 platform), the front axle might be equipped with an incorrect brake dimension (brake disc, brake caliper, brake pads).

FMVSS 1 : 135 - Light vehicle brake systems

FMVSS 2 : NR

Description of the Safety Risk : In this case, the vehicles might not meet the respective certified specifications. The legal requirements regarding brake performance and brake regulating functions are still fulfilled without the intended dimension brake system installed. If equipped with a front axle brake system that has an incorrect brake dimension, vehicle maintenance may not be carried out in accordance with the manufacturer's instructions

Description of the Cause : Due to a deviation in the documentation, the front axle on certain vehicles might be equipped with an incorrect brake dimension (brake disc, brake caliper, brake pads).

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

In end of June 2019, MBAG's After Sales division received an individual field report from a workshop outside the US regarding a vehicle equipped with a front axle brake system with dimensions that were not intended for this vehicle.

MBAG's investigation found that due to inaccurate documentation at the production facility, a smaller front axle braking system was installed. Potential effects of this deviation were analyzed.

In September 2019, it was found that the smaller dimension braking system was certified to and installed in other vehicle variants in the 222 platform that are similar in size and weight. MBAG conducted an analysis of various braking scenarios, when using the smaller dimension braking system. The analysis found that the vehicles performed well within the requirements of FMVSS 135 and MBAG has not received any reports from

the field related to the braking performance of the affected vehicles. MBAG has determined that this issue does not result in any non-compliance with the FMVSS, however a non-compliance with local legal requirements regarding vehicle certification in other markets does exist. To ensure consistency with other markets and to promote an increased response rate, MBAG decided on December 13, 2019 to conduct the campaign in the United States as a recall.

Description of Remedy :

Description of Remedy Program : An authorized Mercedes-Benz dealer will replace the front axle brake system 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 : Front axle brake dimension according to specification
A0084200220 TS Brake pads
A2224214598 Brake Caliper left
A2224214698 Brake Caliper right
A2224215100 Brake disc left/right

Identify How/When Recall Condition was Corrected in Production : A change in the production documentation of our plant ensures that this issue can no longer occur from May 16, 2018 onwards

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign on December 27, 2019. Owners will be notified of the recall via an Interim letter on February 14, 2020. A copy of all communications will be provided when available.

Planned Dealer Notification Date : DEC 28, 2019 - NR
Planned Owner Notification Date : FEB 14, 2020 - NR

* NR - Not Reported