

Part 573 Safety Recall Report

17V-819

Manufacturer Name : Mercedes-Benz USA, LLC.**Submission Date :** DEC 18, 2017**NHTSA Recall No. :** 17V-819**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 : 8,134

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2016-2017 Mercedes-Benz GLC300 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 253.349 0J4K GLC300 4MATIC 193 vehicles.

The recall population was determined through production records. Vehicles not affected by the recall have correct headlight adjustment from production.

Production Dates : OCT 09, 2014 - NOV 19, 2016

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2016-2017 Mercedes-Benz GLC300

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 253.948 0G4J 2177 vehicles.

The recall population was determined through production records. Vehicles not affected by the recall have correct headlight adjustment from production.

Production Dates : OCT 09, 2014 - NOV 19, 2016

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 3 : 2016-2017 Mercedes-Benz GLC300 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 253.949 0G4K 5584 vehicles.

The recall population was determined through production records. Vehicles not

affected by the recall have correct headlight adjustment from production.

Production Dates : OCT 09, 2014 - NOV 19, 2016

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2016-2017 Mercedes-Benz AMG GLC43 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 253.964 0G6E 168 vehicles.

The recall population was determined through production records. Vehicles not affected by the recall have correct headlight adjustment from production.

Production Dates : OCT 09, 2014 - NOV 19, 2016

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Noncompliance :

Description of the Noncompliance : Daimler AG ("DAG"), the manufacturer of Mercedes-Benz vehicles, has determined that on certain GLC-class vehicles (253 platform) the LED headlamps might have been misadjusted during the manufacturing process. The headlamp aim might not meet production specifications.

FMVSS 1 : 108 - Lamps, reflective devices, and assoc. Equipment

FMVSS 2 : NR

Description of the Safety Risk : Deviations cause either an extension, or a reduction of the low beam range and may not meet the requirements of FMVSS 108 S10.18.9.1.1. An insufficiently illuminated roadway may increase the risk of a crash. Glare to oncoming traffic can be ruled out.

Description of the Cause : C-class parameters were used for headlamp adjustment on GLC-class vehicles.

Identification of Any Warning that can Occur : The customer does not receive any advance warning if the defect is present.

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

In November 2016, incorrect light distribution values were detected in certain vehicles within the assembly plant.

Investigations were initiated to identify potentially affected vehicles. Test data from start of production through November 2016 was reviewed.

In mid-2017, the review identified that the adjustment device in the assembly plant was set incorrectly regarding the light distribution.

Further investigations showed that in the test and initialization specifications for GLC-class headlamps the values from C-class vehicles were initialized from start of production onwards.

Further tests were conducted to identify potential effects of incorrectly adjusted headlamps. Glare of oncoming traffic was ruled out.

In December 2017, DAG determined that a potential non-compliance regarding the requirements of FMVSS 108 and cannot be ruled out.

Description of Remedy :

Description of Remedy Program : As a precautionary measure an authorized Mercedes-Benz dealer will check the headlamp adjustment on the affected vehicles and adjust it, 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 parts are not required.

Identify How/When Recall Condition was Corrected in Production : A correction of the headlamp adjustment process in the assembly plant ensures that this issue can no longer occur from November 16, 2017 onwards.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the voluntary recall campaign in January 2018. A copy of all communications will be provided when available.

Owners will be notified with a letter in January 2018, approximately one week after recall launch to the dealers.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported