

Part 573 Safety Recall Report

17V-574

Manufacturer Name : Mercedes-Benz USA, LLC.**Submission Date :** SEP 19, 2017**NHTSA Recall No. :** 17V-574**Manufacturer Recall No. :** NR**Manufacturer Information :****Population :**

Manufacturer Name : Mercedes-Benz USA, LLC.

Number of potentially involved : 4

Address : 13470 International Parkway
JACKSONVILLE FL 32218

Estimated percentage with defect : 100 %

Company phone : 1-877-496-3691

Vehicle Information :

Vehicle 1 : 2017-2017 Mercedes-Benz C43 AMG

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 205.064 WF6E 1 vehicle

The recall population was determined by reviewing documentation at the supplier and matching of the results with production records.

The recalled vehicles may have improperly welded contact pins

Production Dates : SEP 22, 2016 - FEB 09, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2017-2017 Mercedes-Benz E300 4matic sedan

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 213.049 ZF4K 1 vehicle

The recall population was determined by reviewing documentation at the supplier and matching of the results with production records.

The recalled vehicles may have improperly welded contact pins

Production Dates : SEP 22, 2016 - FEB 09, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2017-2017 Mercedes-Benz GLC 300

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 253.948 0G4J 1 vehicle

The recall population was determined by reviewing documentation at the supplier and matching of the results with production records.

The recalled vehicles may have improperly welded contact pins

Production Dates : SEP 22, 2016 - FEB 09, 2017

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2017-2017 Mercedes-Benz AMG E43 4Matic sedan

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 213.064 ZF6E 1 vehicle

The recall population was determined by reviewing documentation at the supplier and matching of the results with production records.

The recalled vehicles may have improperly welded contact pins

Production Dates : SEP 22, 2016 - FEB 09, 2017

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : Daimler AG ('DAG'), the manufacturer of Mercedes-Benz vehicles, has become aware that in certain C-Class (205 platform), E-Class (213 platform) and GLC (253 platform) vehicles, the contacts inside the electric power steering control unit might not have been properly welded.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the pins completely lose contact, the electric power steering assist will deactivate. This could increase the risk of a crash.

Description of the Cause : Due to a process deviation at a supplier, certain power steering control units might not meet the requirements regarding the welding of contact pins.

Identification of Any Warning that can Occur : The customer is alerted to the issue through a warning message in the instrument cluster and an acoustic warning signal

Supplier Identification :

Component Manufacturer

Name : Robert Bosch Automotive Steering Kft.

Address : Kistályai út 2.

Eger FOREIGN STATES 3300

Country : Hungary

Chronology :

In March 2017, DAG received a report about a defective steering rack from a C-Class vehicle from the US-market, and immediately requested the return of the part for analysis. In April 2017, the steering rack was delivered to the supplier, who initiated root-cause investigations. After identifying the root-cause to be incorrect welding of pins inside the control module, the supplier implemented corrective actions by installing a position monitoring of the lasers at their production facility in late May 2017. In addition,, the supplier reviewed all welding parameters from start of production to then, which resulted in the identification of 13 additional control modules with insufficiently welded pins manufactured for DAG passenger cars. In August 2017, DAG reviewed production records to match the potentially defective steering racks to the respective vehicles.

In September 2017, DAG determined that a potential safety risk cannot be ruled out.

Description of Remedy :

Description of Remedy Program : An authorized Mercedes-Benz dealer, will replace the electric power steering rack on the 4 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 : electric power steering rack

Identify How/When Recall Condition was Corrected in Production : A change in the production procedure of the supplier ensures that this recall condition can no longer occur, from June 1, 2017 onwards.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the voluntary recall campaign in September 2017. Owners will be notified in November 2017, approximately one week after recall launch to the dealers. A copy of all communications will be provided when available.

Planned Dealer Notification Date : SEP 29, 2017 - SEP 29, 2017

Planned Owner Notification Date : NOV 10, 2017 - NOV 10, 2017

* NR - Not Reported