

Part 573 Safety Recall Report

15V-426

Manufacturer Name : Mercedes-Benz USA, LLC.**Submission Date :** MAY 12, 2016**NHTSA Recall No. :** 15V-426**Manufacturer Recall No. :** 2015060007**Manufacturer Information :****Population :**

Manufacturer Name : Mercedes-Benz USA, LLC.

Number of potentially involved : 43

Address : One Mercedes Dr, PO Box 350
Montvale NJ 07645-0350

Estimated percentage with defect : 1 %

Company phone : 1-800-367-6372

Vehicle Information :

Vehicle 1 : 2014-2014 Mercedes-Benz CLA 250C

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 117.344 WDDSJ4E 4 affected vehicles

Production Dates : SEP 10, 2014 - SEP 11, 2014

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2014-2014 Mercedes-Benz CLA 250 C 4 Matic

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 117.346 WDDSJ4G 38 affected vehicles

Production Dates : SEP 13, 2014 - SEP 25, 2014

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 3 : 2014-2014 Mercedes-Benz CLA 45 AMG 4Matic

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 117.352 WDDSJ5C 1 vehicle

Production Dates : SEP 10, 2014 - SEP 25, 2014

VIN Range 1 : Begin : NR End : NR

 Not sequential**Description of Defect :**

Description of the Defect : DAG has determined that on certain CLA-Class (117 platform) vehicles produced between September 10, 2014 and September 25, 2014, the fuses in the passenger side interior fuse box might be installed incorrectly. Due to a deviation in the production process at a supplier, one or more of the fuses might be improperly seated in the fuse holder. In such a case, electrical contact might not be guaranteed across the fuse over its lifetime due to vibrations.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In the event of a loss of electrical contact of an affected fuse, the respective system function might be impacted, including the function of the front passenger seat occupancy recognition, the passenger side airbag indicator lamp, the instrument cluster and the windshield wipers. Should the function of the front passenger seat occupancy recognition or the passenger side airbag indicator lamp be affected, the risk of injury for passengers in the event of a crash would be increased. Should the function of the instrument cluster and the windshield wipers be affected, the risk of a crash would be increased.

Description of the Cause : NR

Identification of Any Warning that can Occur : Lack of windshield wiper function, no illumination of the front passenger occupancy recognition lamp, or passenger-side airbag indicator lamp, or illumination of the instrument cluster

Supplier Identification :

Component Manufacturer

Name : LEONI Bordnetz-Systeme GmbH

Address : Flugplatzstrasse 74
Kitzingen FOREIGN STATES D-97318

Country : Germany

Chronology :

In September 2014, DAG became aware of some instances where vehicles showed the subject condition during end of line inspection in the plant. A plant action was immediately launched in all affected production plants. In October 2014, initial analyses were performed and the root cause was identified. Further investigations were initiated to understand which vehicle functions might potentially be affected. From November 2014 to January 2015, the supplier of the fuse box conducted several tests to examine the behavior of tilted fuses in vibration and temperature change tests. Based on the results, DAG initiated further long term bench durability tests to evaluate the potential for permanent loss of electric contact of a fuse. These bench tests were conducted through the end of March. In April 2015, vehicle testing took place with simulation of several potential failure conditions while driving. Based on the results of all tests and analysis, DAG determined that a potential safety risk cannot be excluded. The decision was also based on 3 warranty claims in the US where customers reported non-functional electrical consumers, which could potentially relate to incorrectly installed fuses in the passenger side interior fuse box as described above. A replacement of the passenger side interior fuse box resolved the claims.

Description of Remedy :

Description of Remedy Program : Via its Mercedes-Benz service partners, DAG will check the installation position and orientation of the fuses in the passenger side interior fuse box on the affected vehicles, and replace the fuse box, if necessary. MBUSA does not plan to provide notice about pre-notice reimbursement to owners because all involved vehicles from model years 2014 remain covered under the new vehicle warranty.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : A change in the production procedure at the supplier has ensured that this issue can no longer occur in vehicles produced as of 08/11/2014

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : JUL 31, 2015 - JUL 31, 2015

Planned Owner Notification Date : AUG 07, 2015 - AUG 07, 2015

* NR - Not Reported