

Part 573 Safety Recall Report

17V-076

Manufacturer Name : Mercedes-Benz USA, LLC.

Submission Date : MAY 14, 2018

NHTSA Recall No. : 17V-076

Manufacturer Recall No. : 2017030003



Manufacturer Information :

Population :

Manufacturer Name : Mercedes-Benz USA, LLC.

Number of potentially involved : 12,456

Address : 13470 International Parkway

Estimated percentage with defect : 1 %

Jacksonville FL 32218

Company phone : 1-877-496-3691

Vehicle Information :

Vehicle 1 : 2017-2017 Mercedes-Benz E 300

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 213.048 ZF4J 7141 Vehicles

Production Dates : DEC 10, 2015 - AUG 11, 2016

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 2 : 2017-2017 Mercedes-Benz E 43 AMG

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 213.064 ZF6E 2 Vehicles

Production Dates : DEC 10, 2015 - AUG 22, 2016

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 3 : 2017-2017 Mercedes-Benz E 300 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 213.049 ZF4K 5317 Vehicles

Production Dates : DEC 10, 2015 - AUG 22, 2016

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 decided that on certain E-Class vehicles (213 platform) the front passenger seat occupancy detection control unit might be incorrectly installed resulting in a kinked pressure hose when the seat is moved towards the rearmost and lowest position.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : This condition could lead to the misclassification of an occupant. For example, the classification of an adult occupant seat could be reclassified a child seat by the dynamic algorithm during vehicle operation and result in deactivation of the passenger airbag, increasing the risk of injury in the event of a crash.

Description of the Cause : Due to an error during seat assembly, the seat occupancy detection control unit on the passenger side might be incorrectly installed.

Identification of Any Warning that can Occur : The customer will be made aware of the issue by a message in the instrument cluster.

Supplier Identification :**Component Manufacturer**

Name : Daimler AG

Address : Leibnizstraße 2
Böblingen FOREIGN STATES D-71032

Country : Germany

Chronology :

In June 2016, an individual incident was reported to DAG, where a message in the instrument cluster indicated "front passenger airbag disabled", although the seat was occupied by an adult person at the time. Investigations were started within DAG in order to determine the root-cause of the issue. Initial findings indicated that the routing of the pressure hose was not performed as specified. Between July and August 2016, 6 more incidents were reported from the field, and all available documentation on the affected vehicles was included in the analysis activities. As results were pointing towards individual employee errors in the seat manufacturing assembly line, a preliminary clean-point was established for the issue in August 2016. A thorough review of Trace- and End of Line-Test-Data from the affected vehicles was started in September 2016, and in a joint effort to identify potentially affected vehicles, the responsible Quality-, R&D- and Manufacturing departments conducted an in-depth review of the rework processes at the seat manufacturing. In January 2017, it was determined that the potentially affected vehicle population includes all E-Class (213 platform) vehicles equipped with the subject weight sensing system. In February 2017, DAG determined that a

potential safety risk could not be ruled out.

Description of Remedy :

Description of Remedy Program : As a precautionary measure an authorized Mercedes-Benz dealer will check the routing of the pressure hose of the seat occupancy detection control unit on the affected vehicles and replace pressure hose and seat occupancy detection mat 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 : NR

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

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

Planned Dealer Notification Date : MAR 03, 2017 - MAR 03, 2017

Planned Owner Notification Date : MAR 17, 2017 - MAR 17, 2017

* NR - Not Reported