

Part 573 Safety Recall Report

17V-447

Manufacturer Name : Mercedes-Benz USA, LLC.

Submission Date : DEC 11, 2017

NHTSA Recall No. : 17V-447

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 : 110

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2017-2017 smart fortwo

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : 453.353 FJ5D 84 Vehicles

Recall population was determined by analysis using production data. Recalled products do not contain remedy component.

Production Dates : MAR 27, 2017 - JUN 06, 2017

VIN Range 1 : Begin : NR **End :** NR

☐ Not sequential

Vehicle 2 : 2017-2017 smart fortwo Cabriolet

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : GAS

Descriptive Information : 453.453 FK5D 26 Vehicles

Recall population was determined by analysis using production data. Recalled products do not contain remedy component.

Production Dates : MAR 27, 2017 - JUN 06, 2017

VIN Range 1 : Begin : NR **End :** NR

☐ Not sequential

Description of Defect :

Description of the Defect : Daimler AG ('DAG') has determined that on certain smart fortwo vehicles (453 platform) the left front axle steering knuckle might not meet manufacturing specifications due to casting imperfections.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : These casting imperfections could potentially reduce the strength of the steering knuckle. In the event of increased load, e.g. while parking the vehicle, the left front axle steering knuckle might fracture. This might impair vehicle control and increase the risk of a crash.

Description of the Cause : Due to a deviation in the casting process at a supplier, a certain batch of left front axle steering knuckles might not meet manufacturing specifications due to casting imperfections.

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

In May 2017, an axle steering knuckle with casting imperfections was found at the smart assembly plant during regular quality assurance procedures. In-depth analyses were launched immediately in order to identify the root cause. Initial findings showed, that a slight deviation within the casting process had resulted in a production batch which might potentially be affected. Further investigations were launched in June 2017 to identify the potentially affected vehicles. In addition, tests were conducted to identify the potential consequences of this issue on motor vehicle safety. In early July 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 check the left front axle steering knuckle for the affected batch number and replace it, if necessary.

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

Planned Dealer Notification Date : SEP 22, 2017 - NR

Planned Owner Notification Date : OCT 13, 2017 - NR

* NR - Not Reported