

# Part 573 Safety Recall Report

# 17V-179

**Manufacturer Name :** Mercedes-Benz USA, LLC.

**Submission Date :** MAR 16, 2017

**NHTSA Recall No. :** 17V-179

**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 :** 2,213

**Estimated percentage with defect :** 100 %

## Vehicle Information :

**Vehicle 1 :** 2016-2016 Mercedes-Benz smart fortwo

**Vehicle Type :** LIGHT VEHICLES

**Body Style :** 2-DOOR

**Power Train :** GAS

**Descriptive Information :** 453.353 FJ5D 2220 Vehicles

**Production Dates :** JUN 16, 2015 - SEP 24, 2015

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

## Description of Noncompliance :

**Description of the Noncompliance :** Daimler AG, the manufacturer of Mercedes-Benz vehicles, has determined that in certain smart vehicles (C453 platform) the headlamps might not meet the requirements of Federal Motor Vehicle Safety Standard number 108 (Lamp, Reflective Devices and Associated equipment - §571.108 S10.18.4), which defines that headlamps with low beams must not have a horizontal adjustment mechanism.

This requirement is usually met by sealing off the headlamp horizontal adjustment screw with a non-removable sealing cap after initial adjustment at the headlamp manufacturing plant. On the affected vehicles, an incorrect sealing cap might have been installed.

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

**FMVSS 2 :** NR

**Description of the Safety Risk :** Should a customer intend to adjust the horizontal aim of the low beams on subject vehicles, the customer might be able to use the alignment mechanism which is intended for use only in the manufacturing plant. The adjustment screw is not located within the usually visible area and is not easily accessible for the customer.

Description of the Cause : The installed sealing caps do not fulfill the requirements of the relevant regulation.

Identification of Any Warning NR  
that can Occur :

## Supplier Identification :

### Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

## Chronology :

The potential issue was discovered during the review of a plant action from the smart manufacturing plant in September 2016. Investigations were immediately initiated, as several indications were pointing towards the possibility that vehicles had not been reworked as required according to plant instructions. In October 2016, DAG analyzed potential technical implications, specifically with respect to the requirements of FMVSS 108. It was suspected that the sealing caps installed on the subject vehicles might not fully meet these requirements. Further analysis confirmed these suspicions. Potentially affected vehicles were identified in January 2017. In early March 2017, DAG determined that a potential non-compliance of subject vehicles with the requirements of FMVSS108 S10.18.4 cannot be ruled out.

## Description of Remedy :

Description of Remedy Program : An authorized Mercedes-Benz dealer will install the correct sealing caps on the headlamps of the 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 NR  
from Recalled Component :

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

## Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign in

March 2017. A copy of all communications will be provided when available. Owners will be notified in August 2017, approximately one week after recall launch to the dealers

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

\* NR - Not Reported