

Part 573 Safety Recall Report**15V-662****Manufacturer Name :** Mercedes-Benz USA, LLC.**Submission Date :** OCT 13,2015**NHTSA Recall No. :** 15V-662**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Mercedes-Benz USA, LLC.

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

Company phone : 201-573-5339

Population :

Number of potentially involved : 857

Estimated percentage with defect : 100

Vehicle Information :

Vehicle : 2015-2015 Mercedes-Benz CLA250 (117 platform)

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 117.344 SJ4E 159 vehicles

Production Dates : JUL 17, 2015 - AUG 31, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2015-2015 Mercedes-Benz CLA250 4Matic (117 platform)

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 117.346 SJ4G 141 vehicles

Production Dates : JUL 17, 2015 - AUG 31, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2015-2015 Mercedes-Benz GLA250 (156 platform)

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 156.944 TG4E 161 vehicles

Production Dates : JUL 17, 2015 - AUG 31, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2015-2015 Mercedes-Benz GLA250 4Matic (156 platform)

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 156.946 TG4G 346 vehicles

Production Dates : JUL 17, 2015 - AUG 31, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2016-2016 Mercedes-Benz SLK300 roadster (172 platform)

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : 172.38 PK3J 32 vehicles

Production Dates : JUL 17, 2015 - AUG 31, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : DAG has determined that on certain vehicles equipped with four cylinder gasoline engines, a camshaft weld might have been manufactured outside of specifications. Due to a production deviation at a supplier, the weld on certain camshafts may not have been placed at the intended position. The subject four cylinder gasoline engines are designed with two camshafts, one intake camshaft and one exhaust camshaft. In the affected vehicles one or both camshafts could break and damage the engine until it stalls. If this situation occurs, the engine cannot be restarted.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In the event of a broken camshaft the engine stalls, eventually immobilizing the vehicle. This may increase the risk of a crash.

Description of the Cause : On certain camshafts the weld may not be placed at the intended position.

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : Schmidt Maschinenbau GmbH

Address : Röttinger Straße 39

Röttinger Straße 39 FOREIGN STATES 73463

Country : Germany

Chronology :

In July 2015, in the course of regular quality inspections DAG identified an individual camshaft showing the subject condition. Initial investigations were immediately launched.

In the following weeks additional camshafts were tested and analyzed. It was determined that the weld was not placed at the intended position on the affected camshafts.

Further investigations to analyze the root cause of this issue were started in August 2015. It was determined that the fixation of the welding laser machine at the supplier had not been properly secured during maintenance. As a consequence, the welding laser was able to deviate slightly in the axial direction and the weld may not have been placed at the intended position.

In September 2015, DAG reviewed production records to determine camshafts produced during the affected production period. Afterwards the engines allocated to specific vehicles were analyzed to determine the affected vehicle population.

Based on the findings of the analysis, DAG determined in early October 2015, that a potential safety defects exists in the affected vehicle population and decided to recall the vehicles.

Description of Remedy :

Description of Remedy Program : An Authorized Mercedes-Benz Dealer will replace the relevant camshafts on the affected vehicles as a precautionary measure. MBUSA does not plan to provide notice about pre-notice reimbursement to owners because all involved vehicles from model years 2015 and 2016 remain covered under the new vehicle warranty.

How Remedy Component Differs from Recalled Component : Correct positioning of the camshaft weld according to specification.

Identify How/When Recall Condition was Corrected in Production : A change in the production procedure of our camshaft supplier has ensured that this issue can no longer occur in vehicles produced from September 12, 2015 onwards.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified on October 16, 2015 of the recall. Owners will be notified on November 30, 2015, when replacement parts become available

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported