

Part 573 Safety Recall Report**15V-351****Manufacturer Name :** Mercedes-Benz USA, LLC.**Submission Date :** MAY 29,2015**NHTSA Recall No. :** 15V-351**Manufacturer Recall No. :** 2015050005**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 : 814

Estimated percentage with defect : 1

Vehicle Information :

Vehicle : 2015-2015 Mercedes-Benz ML 250 BlueTec

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : DIESEL

Descriptive Information : 4JGDA0E 166.004 354 affected vehicles

Production Dates : DEC 12, 2014 - FEB 09, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2015-2015 Mercedes-Benz GLK 250

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : DIESEL

Descriptive Information : WDCGG0E 204.904 193 affected vehicles

Production Dates : NOV 13, 2014 - JAN 30, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2015-2015 Mercedes-Benz E250 BlueTec

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : DIESEL

Descriptive Information : WDDHF03 212.004 134 affected vehicles

Production Dates : NOV 03, 2014 - DEC 15, 2014

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2015-2015 Mercedes-Benz E250 BlueTec 4 Matic

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : DIESEL

Descriptive Information : WDDHF9H 212.097 133 affected vehicles

Production Dates : NOV 04, 2014 - DEC 17, 2014

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : A total of 814 additional VINs were discovered that should have been included in recall 14V762 where Daimler AG (DAG) determined that the chain tensioner gasket on the 4 cylinder diesel engine may have experienced variations in material tolerances during a certain production period. These VINs are now part of a new but identical recall to 14V762. Such gaskets may exhibit an increased settling behavior, which could negatively influence the pretensioning force. Over time, this might lead to loosening of the chain tensioner, as well as an ineffective gasket seal for engine oil.

Description of the Safety Risk : As described in the prior Part 573 submission for recall 14V762, leakage of engine oil onto the road might pose a threat to following traffic. Should the oil leakage reach a certain amount it cannot be excluded that the engine might stall as a consequence of the described defect. Oil leakage in the presence of an ignition source could also increase the risk of a potential fire.

Description of the Cause : Variations in material tolerances during a certain production period.

Identification of Any Warning that can Occur : Leakage of engine oil onto the road. The engine might stall as a consequence of the described defect.

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

As reported in the Part 573 chronology for recall 14V762, in late September 2014, via its worldwide product evaluation, DAG identified instances of chain tensioner leakage outside of the U.S. Initial analysis of these instances determined that the chain tensioner was not properly torqued in the engine block. Further investigations were immediately launched to determine the root cause of the subject condition.

In October 2014, tests identified variations in the gasket material tolerances as the root cause. Empirical analysis determined that the issue was limited to a specific production period.

In early November 2014, bench testing was conducted to understand the influence of engine temperature and other parameters on the subject condition. Furthermore, material property test results with sample gaskets from different production periods were analyzed to determine affected engine production periods. Production documentation was further reviewed to identify the affected vehicle population.

In November 2014, DAG determined that the existence of a safety defect in the affected vehicle population cannot be excluded. This determination resulted in recall 14V762.

Description of Remedy :

Description of Remedy Program : Via its Mercedes-Benz service partners (Mercedes-Benz USA, LLC), DAG will launch a recall campaign identical to recall 14V762, and will replace the chain tensioner gasket on the additional 814 potentially affected vehicles. MBUSA does not plan to provide notice about pre-notice reimbursement to owners because all involved vehicles from model year 2015 remain covered under the new vehicle warranty.

How Remedy Component Differs from Recalled Component : Chain tensioner gasket with corrected material tolerances.

Identify How/When Recall Condition was Corrected in Production : According to DAG production records only engines with chain tensioner gaskets with corrected material tolerances have been installed on US vehicles from/since February 9, 2015

Recall Schedule :

Description of Recall Schedule : On June 5, 2015 dealers will be informed of the new recall to address the additional potentially affected VINs . On June 5, 2015, the new recall will be launched. Owner notifications will occur approximately one to two weeks after recall launch, estimated June 19, 2015.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported