

Part 573 Safety Recall Report**14V-762****Manufacturer Name :** Mercedes-Benz USA, LLC.**Submission Date :** DEC 15,2014**NHTSA Recall No. :** 14V-762**Manufacturer Recall No. :** 2014120002**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 : 4,871

Estimated percentage with defect : 1

Vehicle Information :

Vehicle : 2014-2015 Mercedes-Benz E250 BlueTec

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : DIESEL

Descriptive Information : 510 affected vehicles. Additional 28 vehicles added. 538 affected vehicles.

Production Dates : FEB 28, 2014 - NOV 10, 2014

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2014-2015 Mercedes E250 BlueTec 4 Matic

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : DIESEL

Descriptive Information : 459 affected vehicles. 14 vehicles added. 473 affected vehicles.

Production Dates : FEB 28, 2014 - NOV 10, 2014

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2014-2015 Mercedes-Benz GLK250 4Matic BlueTec

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : DIESEL

Descriptive Information : 1797 affected vehicles. 101 vehicles added. 1898 affected vehicles.

Production Dates : FEB 28, 2014 - NOV 10, 2014

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2015-2015 Mercedes-Benz ML250 4Matic BlueTec

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : DIESEL

Descriptive Information : 1548 affected vehicles. 414 vehicles added. 1962 affected vehicles.

Production Dates : FEB 28, 2014 - NOV 10, 2014

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : Daimler AG (DAG) has determined that the chain tensioner gasket on the 4 cylinder diesel engine may have experienced variations in material tolerances during a certain production period. 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 : 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 : United States

Chronology :

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.

Description of Remedy :

Description of Remedy Program : Via its Mercedes-Benz service partners (Mercedes-Benz USA, LLC) , DAG will replace the chain tensioner gasket on the affected vehicles. MBUSA does not plan to provide notice about pre-notice reimbursement to owners because all involved vehicles from model years 2014 - 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 : On November 10, 2014 chain tensioner gasket with corrected material tolerances were installed into the engines.

Recall Schedule :

Description of Recall Schedule : On December 1, 2014 dealers will be informed of the recall and stop sale of unsold vehicles. On or about December 19, 2014, when replacement parts are estimated to be available, the recall will be launched. Owners notifications will occur one week after recall launch, estimated December 26, 2014.

Planned Dealer Notification Date : DEC 01, 2014 - DEC 01, 2014

Planned Owner Notification Date : DEC 19, 2014 - DEC 19, 2014

* NR - Not Reported