

Part 573 Safety Recall Report

20V-048

Manufacturer Name : Mercedes-Benz USA, LLC.**Submission Date :** MAR 23, 2020**NHTSA Recall No. :** 20V-048**Manufacturer Recall No. :** 2020020023**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 : 2,518

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2018-2019 Mercedes-Benz E63 AMG 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 213.089 ZF8K 765 vehicles

The recall population was determined through production records.

Vehicles outside the recall population have the oil feed line to the turbocharger that meets current production specifications.

Production Dates : MAY 14, 2018 - MAY 03, 2019

VIN Range 1 : Begin : WDDZF8KB0JA479525 End : WDDZF8KBXKA560260 Not sequential

Vehicle 2 : 2018-2019 Mercedes-Benz E63S AMG 4MATIC WAGON

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : 213.289 ZH8K 140 Vehicles

The recall population was determined through production records.

Vehicles outside the recall population have the oil feed line to the turbocharger that meets current production specifications.

Production Dates : MAY 14, 2018 - MAY 03, 2019

VIN Range 1 : Begin : WDDZH8KB0KA499298 End : WDDZH8KBXKA579062 Not sequential

Vehicle 3 : 2019-2019 Mercedes-Benz G63 AMG 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 463.277 YC7H 676 Vehicles

The recall population was determined through production records.

Vehicles outside the recall population have the oil feed line to the turbocharger that meets current production specifications.

Production Dates : MAY 14, 2018 - MAY 03, 2019

VIN Range 1 : Begin : WDCYC7HJ0KX299445 End : WDCYC7HJXKX308166 Not sequential

Vehicle 4 : 2018-2019 Mercedes-Benz S63 AMG 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 222.188 UG8J 373 Vehicles

The recall population was determined through production records.

Vehicles outside the recall population have the oil feed line to the turbocharger that meets current production specifications.

Production Dates : MAY 14, 2018 - MAY 03, 2019

VIN Range 1 : Begin : WDDUG8JB0JA422279 End : WDDUG8JBXKA461818 Not sequential

Vehicle 5 : 2019-2019 Mercedes-Benz AMG GT63S 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 290.689 7X8K 123 Vehicles

The recall population was determined through production records.

Vehicles outside the recall population have the oil feed line to the turbocharger that meets current production specifications.

Production Dates : MAY 14, 2018 - MAY 03, 2019

VIN Range 1 : Begin : WDD7X8KB0KA001109 End : WDD7X8KBXKA002137 Not sequential

Vehicle 6 : 2018-2019 Mercedes-Benz S63 AMG CABRIO 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : 217.488 XK8J 101 Vehicles

The recall population was determined through production records.

Vehicles outside the recall population have the oil feed line to the turbocharger that meets current production specifications.

Production Dates : MAY 14, 2018 - MAY 03, 2019

VIN Range 1 : Begin : WDDXK8JB0JA035615 End : WDDXK8JBXKA036580 Not sequential

Vehicle 7 : 2018-2019 Mercedes-Benz S63 AMG COUPE 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : 217.388 XJ8J 132 Vehicles

The recall population was determined through production records.

Vehicles outside the recall population have the oil feed line to the turbocharger that meets current production specifications.

Production Dates : MAY 14, 2018 - MAY 03, 2019

VIN Range 1 : Begin : WDDXJ8JB0JA035648 End : WDDXJ8JBXKA037375 Not sequential

Vehicle 8 : 2019-2019 Mercedes-Benz AMG GT63 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 290.688 7X8J 208 Vehicles

The recall population was determined through production records.

Vehicles outside the recall population have the oil feed line to the turbocharger that meets current production specifications.

Production Dates : MAY 14, 2018 - MAY 03, 2019

VIN Range 1 : Begin : WDD7X8JB0KA001144 End : WDD7X8JBXKA001801 Not sequential

Description of Defect :

Description of the Defect : Mercedes-Benz AG ("MBAG"), the manufacturer of Mercedes-Benz vehicles, has determined that on certain MY 2018-2019 E-Class (213 platform), G-Class (463 platform), S-Class (222 platform), S-Class Coupe and Convertible (217 platform), and GT-Class 4-door Coupe (290 platform) vehicles with 4.0l 8-cylinder gasoline-engines (M177), the elastomeric material of the oil feed line to the turbochargers might not meet current production specifications.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Due to thermal loading while driving, the oil feed line might exhibit selective leakage. If leaked oil contacts hot components in the engine compartment the risk of fire cannot be ruled out

Description of the Cause : Due to a production deviation at a supplier, a certain batch of oil feed lines may have been produced with an elastomeric material composition that does not meet current production specifications.

Identification of Any Warning that can Occur : The customer will not receive an advance warning due to the nature of the failure mechanism.

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :**Component Manufacturer**

Name : Standard-Metallwerke GmbH

Address : Rustigestraße 11
Werl FOREIGN STATES 59457

Country : Germany

Chronology :

In September 2019, MBAG launched initial investigations based on three individual field reports from outside the US describing instances in which customers claimed to have experienced the subject condition. No third party damage or personal injuries were reported. MBAG requested the parts of the affected vehicles be

returned from those markets for further analysis. The technical analysis continued into Fall 2019 and the initial results indicated a potential influence of the elastomeric material of the oil feed line as a factor. As the investigation was ongoing, MBAG received further field reports that appeared to be related to the same issue. The affected oil feed lines from these other vehicles were also requested to be returned to MBAG for analysis. The analysis on these additional parts also indicated the performance was influenced by the behavior of the elastomeric material.

Further review with the supplier and its production records found that the elastomeric material composition did not meet specifications for a specific production period. The supplier's records indicated that those deviations had occurred for a certain period of time in the production process without being noticed. In the investigation with MBAG, the supplier was able to identify the range of potentially affected parts. In parallel MBAG identified potentially affected vehicles based on production/ logistic records. On January 17, 2020, MBAG decided to conduct a safety recall.

Description of Remedy :

Description of Remedy Program : An authorized Mercedes-Benz dealer will replace the oil feed line to the turbocharger on 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 none of the involved vehicles would have been previously subject to the condition described and all remain covered under the new vehicle warranty.

How Remedy Component Differs from Recalled Component : The remedy component is produced with elastomeric material composition according to specifications. Oil line - Part Number: A1770908501

Identify How/When Recall Condition was Corrected in Production : A change in the production procedure of our supplier ensures that this issue can no longer occur from Oct 24, 2019 onwards.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign on February 3, 2020. Owners will be notified of the voluntary recall campaign approximately one week after launch to the dealers on March 20, 2020. A copy of all communications will be provided when available.

Planned Dealer Notification Date : FEB 03, 2020 - NR

Planned Owner Notification Date : MAR 20, 2020 - NR

* NR - Not Reported