

Part 573 Safety Recall Report

20V-364

Manufacturer Name : Mercedes-Benz USA, LLC.**Submission Date :** OCT 09, 2020**NHTSA Recall No. :** 20V-364**Manufacturer Recall No. :** 2020070017**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 : 90

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2020-2020 Mercedes-Benz C300

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : MY2020 C300 4 Vehicles. The recall population was determined through production records. Vehicles outside of the recall population have documentation confirming the mounting of the oil return and turbocharger oil feed lines meet specifications.

Production Dates : JUN 28, 2019 - MAR 12, 2020

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2020-2020 Mercedes-Benz GLC300

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : MY2020 GLC300 25 Vehicles. The recall population was determined through production records. Vehicles outside of the recall population have documentation confirming the mounting of the oil return and turbocharger oil feed lines meet specifications.

Production Dates : JUN 28, 2019 - MAR 12, 2020

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2020-2020 Mercedes-Benz E350

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : MY2020 E350 61 Vehicles. The recall population was determined through production records. Vehicles outside of the recall population have documentation confirming the mounting of the oil return and turbocharger oil feed lines meet specifications.

Production Dates : JUN 28, 2019 - MAR 12, 2020

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : Mercedes-Benz AG, ("MBAG") the manufacturer of Mercedes-Benz vehicles, has determined that on certain Model Year ("MY") 2020 C-Class, E-Class, and GLC-Class vehicles (205, 213, 253 platform) equipped with a 4-cylinder gasoline engine (M264), the screws that retain the turbocharger oil feed and return lines may not have been properly torqued during the assembly process due to a deviation in the data documentation. As a result, confirmation of the correct mounting of the assembly cannot be ensured.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Should the mounting assembly not meet the torque specification, the turbocharger oil feed and return lines could detach, and leak oil, which could potentially contact hot engine components increasing the risk of a fire.

Description of the Cause : Due to a production deviation, the data documenting the correct mounting of the turbocharger oil feed and oil return lines might be missing. Due to the missing documentation, no confirmation is available whether the screws were correctly mounted to the turbocharger oil feed as well as the oil return line during the assembly process.

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 : NR
Address : NR
NR
Country : NR

Chronology :

In March 2020, MBAG launched initial investigations based on a finding during internal analysis for quality assurance in the production plant that indicated that the data documenting the correct mounting of the turbocharger oil feed and oil return lines might be missing. In April 2020, analyses were started to evaluate potential effects if the torque value at the screws for the oil lines at the turbocharger did not meet specification. In parallel, the range of potentially affected vehicles was determined. On June 15, 2020, MBAG determined that a potential safety consequence cannot be ruled out. On June 23, MBAG filed a Safety Recall for the issue. Due to a documentation error at the factory, certain potentially affected vehicles might not have been identified in the recalled production range. On September 4, 2020, MBAG determined that a safety risk cannot be ruled out and decided to extend the recall population

Description of Remedy :

Description of Remedy Program : An authorized Mercedes-Benz dealer will check the mounting of the turbocharger oil feed and oil return line on the affected vehicles and rework it, if necessary.

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 : Correctly mounted turbocharger oil feed and oil return lines.

Identify How/When Recall Condition was Corrected in Production : A change in the production procedure at the plant ensures that this issue can no longer occur from March 19, 2020 onwards.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign on June 30, 2020. Owners will be notified of the voluntary recall campaign approximately one week after launch to the dealers on August 17, 2020.

A copy of all communications will be provided when available. Letters for the owners of the 2 additional vehicles will be mailed October 09, 2020.

Planned Dealer Notification Date : JUN 30, 2020 - NR

Planned Owner Notification Date : AUG 17, 2020 - NR

* NR - Not Reported