

Part 573 Safety Recall Report

21V-539

Manufacturer Name : Mercedes-Benz USA, LLC**Submission Date :** AUG 13, 2021**NHTSA Recall No. :** 21V-539**Manufacturer Recall No. :** 2021070035**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 : 371
Estimated percentage with defect : 100 %

Vehicle Information :**Vehicle 1 :** 2013-2013 Mercedes-Benz GLK 250**Vehicle Type :** LIGHT VEHICLES**Body Style :** SUV**Power Train :** DIESEL

Descriptive Information : Mercedes-Benz 2013 GLK 371 vehicles. The recall population was determined through the analysis of service records. Vehicles not part of this recall received the correct overflow pipe and transmission fluid filter during service.

Production Dates : DEC 08, 2012 - JUN 07, 2013**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") 2013 GLK (X204 platform) vehicles with a 4-cylinder diesel engine, an incorrect variant of the overflow pipe and transmission fluid filter might have been installed by an authorized Mercedes-Benz dealer while performing a prior repair.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Installation of an incorrect variant of the overflow pipe could lead to overfilling the transmission with transmission fluid. Depending on the driving situation, this might result in an overflow of transmission fluid through the transmission vent. A risk of fire cannot be ruled out in this circumstance. Depending on the quantity of leaked fluid, the risk of a crash for other road users could increase.

In addition due to the reduced filtration performance of the installed transmission oil filter, a failure of the transmission control unit might occur over the vehicle's life-time. In this case, a stalling of the vehicle cannot be

ruled out increasing the risk of a crash.

Description of the Cause : Due to incorrect spare parts documentation, an incorrect variant of the overflow pipe and transmission fluid filter might have been installed in the course of performing an emissions service campaign.

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

Involved Components :

Component Name 1 : Transmission fluid filter

Component Description : Transmission fluid filter

Component Part Number : A221 277 02 00

Component Name 2 : Transmission overflow tube

Component Description : Transmission overflow tube

Component Part Number : A251 271 00 97

Supplier Identification :

Component Manufacturer

Name : MBAG

Address : NR

NR

Country : NR

Chronology :

After the launch of the Emission Modification field measure in March 2021, MBAG received reports from workshops about an incorrect variant of the overflow pipe and transmission fluid filter, which are replaced in the scope of this service campaign. However, no customer complaints have been received around this topic. Initial investigations on the root cause were immediately initiated.

In mid-April 2021, analysis on the potential consequences of the installation of these incorrect parts was not completed. However, the spare parts documentation for the field measure was already corrected to ensure that the correct parts are installed in all cases from that point in time onwards.

In parallel, a detailed analysis of the consequences for the vehicles in the field that had received the incorrect

variant was initiated and the potentially affected vehicles in the field were identified. On July 9, 2021, MBAG determined that a potential safety risk cannot be ruled out and decided to conduct a recall.

Description of Remedy :

Description of Remedy Program : An authorized Mercedes-Benz dealer will replace the overflow pipe and transmission fluid filter on the affected vehicles.

MBUSA does plan to provide notice about pre-notice reimbursement to owners since the involved vehicles would have been previously subject to the condition described.

How Remedy Component Differs from Recalled Component : Correct variant of the overflow pipe and transmission fluid filter.
Transmission fluid filter: A222 277 20 00
Transmission overfill tube: A222 271 0097

Identify How/When Recall Condition was Corrected in Production : As of April 15, 2021, MBAG implemented a change in the spare parts documentation of the service campaign to ensure that this issue can no longer occur from April 15, 2021 onwards. Furthermore, additional information for the workshops was provided to the market on July 8, 2021.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign on July 23, 2021. Owners will be notified of the voluntary recall campaign approximately one week after launch to the dealers on September 10, 2021. A copy of all communications will be provided when available.

Planned Dealer Notification Date : JUL 23, 2021 - NR

Planned Owner Notification Date : SEP 10, 2021 - NR

* NR - Not Reported