

Part 573 Safety Recall Report

18V-272

Manufacturer Name : Mercedes-Benz USA, LLC.**Submission Date :** MAY 16, 2018**NHTSA Recall No. :** 18V-272**Manufacturer Recall No. :** NR**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 : 9,725

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2012-2014 Mercedes-Benz ML350 BLUETEC 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : DIESEL

Descriptive Information : 166.024 DA2E 86 Vehicles. The recall population was determined through production records.

Production Dates : DEC 23, 2010 - JUN 01, 2016

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 2 : 2015-2015 Mercedes-Benz ML400 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 166.056 DA5G 109 Vehicles. The recall population was determined through production records.

Production Dates : DEC 23, 2010 - JUN 01, 2016

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 3 : 2016-2016 Mercedes-Benz GLE400 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 166.056 DA5G 101 Vehicles. The recall population was determined through production records.

Production Dates : DEC 23, 2010 - JUN 01, 2016

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 4 : 2012-2015 Mercedes-Benz ML350 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 166.057 DA5H 169 Vehicles. The recall population was determined through production records.

Production Dates : DEC 23, 2010 - JUN 01, 2016

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 5 : 2016-2016 Mercedes-Benz GLE350 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 166.057 DA5H 73 Vehicles. The recall population was determined through production records.

Production Dates : DEC 23, 2010 - JUN 01, 2016

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 6 : 2012-2014 Mercedes-Benz ML550 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 166.073 DA7D 127 Vehicles. The recall population was determined through production records.

Production Dates : DEC 23, 2010 - JUN 01, 2016

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 7 : 2012-2015 Mercedes-Benz ML63 AMG 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 166.074 DA7E 1488 Vehicles. The recall population was determined through production records.

Production Dates : DEC 23, 2010 - JUN 01, 2016

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 8 : 2016-2016 Mercedes-Benz GLE63 AMG 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 166.074 DA7E 157 Vehicles. The recall population was determined through production records.

Production Dates : DEC 23, 2010 - JUN 01, 2016

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 9 : 2016-2016 Mercedes-Benz GLE63 S AMG 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 166.075 DA7F 450 Vehicles. The recall population was determined through production records.

Production Dates : DEC 23, 2010 - JUN 01, 2016

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 10 : 2013-2016 Mercedes-Benz GL350 BLUETEC 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : DIESEL

Descriptive Information : 166.824 DF2E 325 Vehicles. The recall population was determined through production records.

Production Dates : DEC 23, 2010 - JUN 01, 2016

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 11 : 2017-2017 Mercedes-Benz GLS350d 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : DIESEL

Descriptive Information : 166.824 DF2E 4 Vehicles The recall population was determined through production records.

Production Dates : DEC 23, 2010 - JUN 01, 2016

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 12 : 2015-2016 Mercedes-Benz GL450 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 166.864 DF6E 185 Vehicles. The recall population was determined through production records.

Production Dates : DEC 23, 2010 - JUN 01, 2016

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 13 : 2017-2017 Mercedes-Benz GLS450 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 166.864 DF6E 89 Vehicles. The recall population was determined through production records.

Production Dates : DEC 23, 2010 - JUN 01, 2016

VIN Range 1 : Begin : NR **End :** NR

Not sequential

Vehicle 14 : 2013-2014 Mercedes-Benz GL450 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 166.872 DF7C 242 Vehicles. The recall population was determined through production records.

Production Dates : DEC 23, 2010 - JUN 01, 2016

VIN Range 1 : Begin : NR **End :** NR

Not sequential

Vehicle 15 : 2013-2016 Mercedes-Benz GL550 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 166.873 DF7D 1301 Vehicles. The recall population was determined through production records.

Production Dates : DEC 23, 2010 - JUN 01, 2016

VIN Range 1 : Begin : NR **End :** NR

Not sequential

Vehicle 16 : 2017-2017 Mercedes-Benz GLS550 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 166.873 DF7D 192 Vehicles. The recall population was determined through production records.

Production Dates : DEC 23, 2010 - JUN 01, 2016

VIN Range 1 : Begin : NR **End :** NR

Not sequential

Vehicle 17 : 2013-2016 Mercedes-Benz GL63 AMG 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 166.874 DF7E 2330 Vehicles. The recall population was determined through production records.

Production Dates : DEC 23, 2010 - JUN 01, 2016

VIN Range 1 : Begin : NR **End :** NR

Not sequential

Vehicle 18 : 2017-2017 Mercedes-Benz GLS63 AMG 4MATIC

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 166.875 DF7F 425 Vehicles. The recall population was determined through production records.

Production Dates : DEC 23, 2010 - JUN 01, 2016

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 19 : 2016-2016 Mercedes-Benz GLE450 4MATIC COUPE

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 292.364 ED6E 1367 Vehicles. The recall population was determined through production records.

Production Dates : DEC 23, 2010 - JUN 01, 2016

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 20 : 2016-2016 Mercedes-Benz GLE63 S AMG 4MATIC COUPE

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 292.375 ED7F 505 Vehicles. The recall population was determined through production records.

Production Dates : DEC 23, 2010 - JUN 01, 2016

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : Daimler AG, ("DAG") the manufacturer of Mercedes-Benz vehicles, has determined that on certain GLE, GLS and GLE Coupé vehicles (166, 292 platform) with the Active Curve System ("ACS"), the oil in the ACS's oil reservoir could start foaming under dynamic driving situations in combination with an oil level below minimum. The oil foam might leak out of the oil reservoir through the vent holes in the sealing cap.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Depending on the orientation of the vent holes in the sealing cap, leaking oil could spray onto hot surface components of the exhaust system. In such a

case the risk of a fire cannot be ruled out.

Description of the Cause : Due to a deviation in the production process, the oil level in the Active Curve System might not meet internal specifications.

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : NR
Address : NR
NR
Country : NR

Chronology :

In July 2017, DAG received one individual field report about a vehicle manufactured in 2015 with local thermal damage in the engine compartment and immediately launched investigations.

In September 2017 first results of the analysis indicated a leakage of oil from the oil reservoir of the Active Curve System through the vent holes in the sealing cap of the oil reservoir. Further analyses were started.

In November 2017, DAG was able to cause oil in the oil pump to foam up under extremely dynamic driving conditions.

Additional analyses were initiated to identify further contributing factors.

In January 2018 it was found that due to a deviation in the production process, the oil level in the ACS might not meet internal specification potentially increasing the likelihood of oil foaming.

To assess all possible consequences of the issue, fire tests were conducted in February 2018.

In March 2018, the range of potentially affected vehicles was identified.

In April 2018, after completing all aforementioned testing for potential fire, DAG determined that a potential safety risk could not be ruled out.

Description of Remedy :

Description of Remedy Program : As a precautionary measure an authorized Mercedes-Benz dealership, will correct the oil level if necessary and replace the sealing cap of the oil reservoir with an optimized sealing cap to prevent oil foam leakage.

How Remedy Component Differs from Recalled Component : The new cap has an additional membrane as protection against hydraulic oil leakage.

Identify How/When Recall Condition was Corrected in Production : Installation of an optimized sealing cap preventing the leakage of oil foam in our vehicle production plants ensures that this issue can no longer occur from June 1, 2016 onwards. The level of knowledge at that time did not indicate any risk of fire, but only showed a potential for minor amounts of oil running down the side of the oil reservoir.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign in May 2018. Owners will be notified of the pending recall in June 2018. A copy of all communications will be provided when available.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported