

Part 573 Safety Recall Report

22V-954

Manufacturer Name : Mercedes-Benz USA, LLC**Submission Date :** JAN 20, 2023**NHTSA Recall No. :** 22V-954**Manufacturer Recall No. :** 2023010004/5/6**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 : 123,696

Estimated percentage with defect : 10 %

Vehicle Information :

Vehicle 1 : 2003-2007 Mercedes-Benz C230

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2003-2007 C-Class 13,118 vehicles

The recall population was determined through production records. Vehicles outside of the recall population meet specifications for the bonding of the glass panel.

Production Dates : MAY 18, 2000 - JUL 19, 2010

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2007-2011 Mercedes-Benz AMG CLS63

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2007-2011 AMG CLS-Class 514 vehicles

The recall population was determined through production records. Vehicles outside of the recall population meet specifications for the bonding of the glass panel.

Production Dates : MAY 18, 2000 - JUL 19, 2010

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2006-2007 Mercedes-Benz C350

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2006-2007 C-Class 673 vehicles

The recall population was determined through production records. Vehicles outside of the recall population meet specifications for the bonding of the glass panel.

Production Dates : MAY 18, 2000 - JUL 19, 2010

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2001-2005 Mercedes-Benz C240

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2001-2005 C-Class 6442 vehicles

The recall population was determined through production records. Vehicles outside of the recall population meet specifications for the bonding of the glass panel.

Production Dates : MAY 18, 2000 - JUL 19, 2010

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 5 : 2001-2005 Mercedes-Benz C320

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2001-2005 C-Class 3132 vehicles

The recall population was determined through production records. Vehicles outside of the recall population meet specifications for the bonding of the glass panel.

Production Dates : MAY 18, 2000 - JUL 19, 2010

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 6 : 2002-2004 Mercedes-Benz AMG C32

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2002-2004 AMG C-Class 231 vehicles
The recall population was determined through production records. Vehicles outside of the recall population meet specifications for the bonding of the glass panel.

Production Dates : MAY 18, 2000 - JUL 19, 2010

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 7 : 2005-2006 Mercedes-Benz AMG C55

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2005-2006 AMG C-Class 324 vehicles
The recall population was determined through production records. Vehicles outside of the recall population meet specifications for the bonding of the glass panel.

Production Dates : MAY 18, 2000 - JUL 19, 2010

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 8 : 2003-2005 Mercedes-Benz C240

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2003-2005 C-Class 742 vehicles
The recall population was determined through production records. Vehicles outside of the recall population meet specifications for the bonding of the glass panel.

Production Dates : MAY 18, 2000 - JUL 19, 2010

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 9 : 2002-2004 Mercedes-Benz C320

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2002-2004 C-Class 410 vehicles

The recall population was determined through production records. Vehicles outside of the recall population meet specifications for the bonding of the glass panel.

Production Dates : MAY 18, 2000 - JUL 19, 2010

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 10 : 2002-2005 Mercedes-Benz C230

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2002-2005 C-Class 22110 vehicles

The recall population was determined through production records. Vehicles outside of the recall population meet specifications for the bonding of the glass panel.

Production Dates : MAY 18, 2000 - JUL 19, 2010

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 11 : 2003-2005 Mercedes-Benz C320

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2003-2005 C-Class 1619 vehicles

The recall population was determined through production records. Vehicles outside of the recall population meet specifications for the bonding of the glass panel.

Production Dates : MAY 18, 2000 - JUL 19, 2010

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 12 : 2006-2009 Mercedes-Benz CLK350

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2006-2009 CLK-Class 3482 vehicles
The recall population was determined through production records. Vehicles outside of the recall population meet specifications for the bonding of the glass panel.

Production Dates : MAY 18, 2000 - JUL 19, 2010

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 13 : 2003-2005 Mercedes-Benz CLK320

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2003-2005 CLK-Class 1707 vehicles
The recall population was determined through production records. Vehicles outside of the recall population meet specifications for the bonding of the glass panel.

Production Dates : MAY 18, 2000 - JUL 19, 2010

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 14 : 2007-2009 Mercedes-Benz CLK550

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2007-2009 CLK-Class 447 vehicles
The recall population was determined through production records. Vehicles outside of the recall population meet specifications for the bonding of the glass panel.

Production Dates : MAY 18, 2000 - JUL 19, 2010

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 15 : 2003-2006 Mercedes-Benz CLK500

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2003-2006 CLK-Class 1325 vehicles
The recall population was determined through production records. Vehicles outside of the recall population meet specifications for the bonding of the glass panel.

Production Dates : MAY 18, 2000 - JUL 19, 2010

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

Vehicle 16 : 2003-2005 Mercedes-Benz AMG CLK55

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2003-2005 AMG CLK-Class 208 vehicles
The recall population was determined through production records. Vehicles outside of the recall population meet specifications for the bonding of the glass panel.

Production Dates : MAY 18, 2000 - JUL 19, 2010

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

Vehicle 17 : 2005-2009 Mercedes-Benz E320

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : DIESEL

Descriptive Information : Mercedes-Benz Model Year 2005-2009 E-Class 4139 vehicles
The recall population was determined through production records. Vehicles outside of the recall population meet specifications for the bonding of the glass panel.

Production Dates : MAY 18, 2000 - JUL 19, 2010

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

Vehicle 18 : 2006-2009 Mercedes-Benz E350

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2006-2009 E-Class 28135 vehicles

The recall population was determined through production records. Vehicles outside of the recall population meet specifications for the bonding of the glass panel.

Production Dates : MAY 18, 2000 - JUL 19, 2010

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 19 : 2003-2005 Mercedes-Benz E320

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2003-2005 E-Class 10580 vehicles

The recall population was determined through production records. Vehicles outside of the recall population meet specifications for the bonding of the glass panel.

Production Dates : MAY 18, 2000 - JUL 19, 2010

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 20 : 2003-2006 Mercedes-Benz E500

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2003-2006 E-Class 5393 vehicles

The recall population was determined through production records. Vehicles outside of the recall population meet specifications for the bonding of the glass panel.

Production Dates : MAY 18, 2000 - JUL 19, 2010

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 21 : 2007-2009 Mercedes-Benz E550

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2007-2009 E-Class 1349 vehicles
The recall population was determined through production records. Vehicles outside of the recall population meet specifications for the bonding of the glass panel.

Production Dates : MAY 18, 2000 - JUL 19, 2010

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

Vehicle 22 : 2003-2006 Mercedes-Benz AMG E55

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2003-2006 AMG E-Class 1055 vehicles
The recall population was determined through production records. Vehicles outside of the recall population meet specifications for the bonding of the glass panel.

Production Dates : MAY 18, 2000 - JUL 19, 2010

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

Vehicle 23 : 2007-2009 Mercedes-Benz AMG E63

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2007-2009 AMG E-Class 241 vehicles
The recall population was determined through production records. Vehicles outside of the recall population meet specifications for the bonding of the glass panel.

Production Dates : MAY 18, 2000 - JUL 19, 2010

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

Vehicle 24 : 2006-2009 Mercedes-Benz E350

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2006 E-Class 1504 vehicles
The recall population was determined through production records. Vehicles outside of the recall population meet specifications for the bonding of the glass panel.

Production Dates : MAY 18, 2000 - JUL 19, 2010

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

Vehicle 25 : 2004-2005 Mercedes-Benz E320

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2004-2005 E-Class 989 vehicles
The recall population was determined through production records. Vehicles outside of the recall population meet specifications for the bonding of the glass panel.

Production Dates : MAY 18, 2000 - JUL 19, 2010

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

Vehicle 26 : 2005-2006 Mercedes-Benz AMG E55

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2005-2006 AMG E-Class 75 vehicles
The recall population was determined through production records. Vehicles outside of the recall population meet specifications for the bonding of the glass panel.

Production Dates : MAY 18, 2000 - JUL 19, 2010

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

Vehicle 27 : 2007-2009 Mercedes-Benz AMG E63

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2007-2009 AMG E-Class 67 vehicles
The recall population was determined through production records. Vehicles outside of the recall population meet specifications for the bonding of the glass panel.

Production Dates : MAY 18, 2000 - JUL 19, 2010

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 28 : 2004-2006 Mercedes-Benz E500

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2004-2006 E-Class 635 vehicles
The recall population was determined through production records. Vehicles outside of the recall population meet specifications for the bonding of the glass panel.

Production Dates : MAY 18, 2000 - JUL 19, 2010

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 29 : 2006-2011 Mercedes-Benz CLS550

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2006-2011 CLS-Class 8416 vehicles
The recall population was determined through production records. Vehicles outside of the recall population meet specifications for the bonding of the glass panel.

Production Dates : MAY 18, 2000 - JUL 19, 2010

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 30 : 2006-2006 Mercedes-Benz AMG CLS55

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2006 AMG CLS-Class 564 vehicles
The recall population was determined through production records. Vehicles outside of the recall population meet specifications for the bonding of the glass panel.

Production Dates : MAY 18, 2000 - JUL 19, 2010

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 31 : 2006-2007 Mercedes-Benz C280

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2006-2007 C-Class 4070 vehicles
The recall population was determined through production records. Vehicles outside of the recall population meet specifications for the bonding of the glass panel.

Production Dates : MAY 18, 2000 - JUL 19, 2010

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") 2001 – 2011 C-Class, CLK (209 platform), E-Class (211 platform) and CLS (219 platform) vehicles, the bonding between the glass sunroof panel and the sliding roof frame might not meet specifications.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In this case, the adhesion of the bond might deteriorate gradually over time. Therefore, the specified durability requirements of the bond would not be guaranteed. As a consequence, a separation of the glass panel from the vehicle cannot be ruled out. This could increase the risk of a potential accident and/or injury for other road users.

Description of the Cause : Due to a production deviation at a supplier, glass panels might have been bonded without proper application and/or ventilation of the primer (bonding agent). The correct usage of the primer is necessary in order to ensure the specified strength of the bonded joint.

Identification of Any Warning When the adhesion begins to deteriorate, the customer might observe a

that can Occur : partially detached panel or excessive wind noises in the area of the sunroof while driving.

Involved Components :

Component Name 1 : Sunroof cover

Component Description : (Type 203, 211)

Component Part Number : A2117800300

Component Name 2 : Sunroof cover

Component Description : (Type 209)

Component Part Number : A2097800200

Component Name 3 : Sunroof cover

Component Description : (Type 219)

Component Part Number : A2197800100

Component Name 4 : Sunroof cover

Component Description : (Type CL203)

Component Part Number : A2037800121

Supplier Identification :

Component Manufacturer

Name : Webasto Roof & Components SE

Address : Krailinger Strasse 5
Stockdorf Foreign States 82131

Country : Germany

Chronology :

In the beginning of December 2017, MBAG launched initial investigations based on isolated field reports from outside the US, claiming that the sliding roof panel detached from the vehicle. No damage or injuries were reported as a result of these events. The sliding roof assemblies of the affected vehicles were requested and returned by the individual markets.

The returned field parts were analyzed by the supplier as well as by an external laboratory. The analysis of the supplier and outside laboratory were inconclusive. Since these analyses did not indicate a potential root cause and this type of sliding roof was already out of production, MBAG began to look for vehicles from the global used car market to carry out further investigations. By November 2018, three sliding roofs were retrieved and analyzed. From these three sliding roofs, two did not indicate any issues. While one of the sliding roof panels exhibited indications of an impaired bonding, and the others did not, it was unclear why the bonding on this particular sliding roof was not as strong compared to the other field samples.

MBAG, along with the supplier, also undertook a thorough review of the supplier's production records to determine if there were any changes made during the course of production. That review concluded in May, 2019. MBAG found that the supplier had changed the process of the primer application several times over the course of the full production period, including having changed the drying time for the bonding agent.

MBAG then conducted testing, featuring various test methods to determine whether a reduced drying time may have affected the bonding performance over time. MBAG additionally undertook further investigations to correlate the testing results, suggesting that there could be a diminution in bonding performance depending on the production period of sliding roofs.

Please see Chronology Supplement.

Description of Remedy :

Description of Remedy Program : As a precautionary measure an authorized Mercedes-Benz dealer, will check the glass panel bonding on the affected vehicles and replace the sliding roof, if necessary
Pursuant to 49 C.F.R. § 577.11(e), MBUSA plans to provide notice about pre-notice reimbursement to owners since some of the involved vehicles would have been previously subject to the condition described.

How Remedy Component Differs from Recalled Component : Correct installation of the glass panel.
Remedy Parts:
Sunroof cover (type 203, 211) + screws A2117800400
Sunroof cover (type 209) + screws A2097800300
Sunroof cover (type 219) + screws A2197800200
Sunroof cover (Type CL203) A2037800121
Front panel A2107840144
Cover to glass cover A2097840044
Paneling left side A2157801540
Fairing right side A2157801640
Screws CL203 A2037800216

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 December 27, 2010 onwards.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified of the pending voluntary recall campaign on January 3, 2023. Owners will be notified of the voluntary recall campaign before February 21, 2023.
A copy of all communications will be provided when available.

Planned Dealer Notification Date : JAN 03, 2023 - NR

Planned Owner Notification Date : FEB 21, 2023 - NR

* NR - Not Reported