

# Part 573 Safety Recall Report

# 22V-954

**Manufacturer Name :** Mercedes-Benz USA, LLC**Submission Date :** NOV 19, 2024**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 : 131,653

Estimated percentage with defect : 10 %

**Vehicle Information :**

Vehicle 1 : 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 4,338 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 : 2007-2009 Mercedes-Benz CLK550

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

**Descriptive Information :** Mercedes-Benz Model Year 2007-2009 CLK-Class 466 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 : 2003-2009 Mercedes-Benz CLK500

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2003-2009 CLK-Class 1,480 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 : 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 229 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 : 2005-2009 Mercedes-Benz E320 BLUETEC/CDI

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : DIESEL

Descriptive Information : Mercedes-Benz Model Year 2005-2009 E-Class 4,551 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 : 2006-2009 Mercedes-Benz E350 Sedan

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2006-2009 E-Class 29,904 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 : 2003-2005 Mercedes-Benz E320 Sedan

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2003-2005 E-Class 11,599 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 : 2003-2007 Mercedes-Benz E500 Sedan

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2003-2006 E-Class 5,883 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 : 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 1,434 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 : 2003-2006 Mercedes-Benz AMG E55 Sedan

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2003-2006 AMG E-Class 1,144 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 : 2007-2009 Mercedes-Benz AMG E63 Sedan

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2007-2009 AMG E-Class 257 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 E350 Wagon

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2006 E-Class 1,631 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 : 2004-2005 Mercedes-Benz E320 Wagon

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2004-2005 E-Class 1,089 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 : 2005-2006 Mercedes-Benz AMG E55 Wagon

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2005-2006 AMG E-Class 81 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 : 2007-2009 Mercedes-Benz AMG E63 Wagon

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2007-2009 AMG E-Class 70 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 : 2004-2006 Mercedes-Benz E500 Wagon

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2004-2006 E-Class 718 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 : 2007-2011 Mercedes-Benz CLS550

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2006-2011 CLS-Class 5,425 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 : 2006-2006 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 605 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 : 2003-2007 Mercedes-Benz C230 Sedan

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2003-2007 C-Class 14,037 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 : 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 552 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 : 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 736 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 : 2001-2005 Mercedes-Benz C240 Sedan

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2001-2005 C-Class 7,070 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 : 2001-2005 Mercedes-Benz C320 Sedan

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2001-2005 C-Class 3,524 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 : 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 264 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 : 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 354 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 : 2003-2005 Mercedes-Benz C240 Wagon

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2003-2005 C-Class 819 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 : 2002-2004 Mercedes-Benz C320 Wagon  
Vehicle Type : LIGHT VEHICLES  
Body Style : STATIONWAGON  
Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2002-2004 C-Class 451 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 : 2002-2006 Mercedes-Benz C230 Coupe  
Vehicle Type : LIGHT VEHICLES  
Body Style : 2-DOOR  
Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2002-2005 C-Class 22,271 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 : 2003-2005 Mercedes-Benz C320 Coupe  
Vehicle Type : LIGHT VEHICLES  
Body Style : 2-DOOR  
Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2003-2005 C-Class 1,656 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 : 2006-2009 Mercedes-Benz CLK350

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2006-2009 CLK-Class 3,678 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 : 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 1,855 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 32 : 2006-2006 Mercedes-Benz CLS500

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Mercedes-Benz Model Year 2006 CLS-Class 3,473 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 that can Occur :** When the adhesion begins to deteriorate, the customer might observe a 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 were notified of the voluntary recall campaign on February 3, 2023. A copy of all communications will be provided when available.

Planned Dealer Notification Date : JAN 03, 2023 - NR

Planned Owner Notification Date : FEB 03, 2023 - NR

\* NR - Not Reported