

Part 573 Safety Recall Report

23V-712

Manufacturer Name : Midwest Automotive Designs, LLC**Submission Date :** MAY 06, 2024**NHTSA Recall No. :** 23V-712**Manufacturer Recall No. :** NR**Manufacturer Information :****Population :**

Manufacturer Name : Midwest Automotive Designs, LLC

Number of potentially involved : 70

Address : 1826 Leer Drive

Estimated percentage with defect : 100 %

Elkhart IN 46516

Company phone : 574-522-4878

Vehicle Information :

Vehicle 1 : 2017-2022 Midwest Automotive Design Luxe Cruiser, Ultimate Club J, Ultimate Presidential

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : VAN

Power Train : DIESEL

Descriptive Information : -The basis is the 18" Brabus wheel and 16" alloy MB wheel which were installed on a axle rated for 7059lbs.

- The recalled products have alloy wheels, those not included in the recall are equipped with steel wheels.

- 64

Production Dates : OCT 01, 2017 - JUN 01, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : 18" Brabus rim, and 16" alloy rim used for the Mercedes Super Single chassis are rated at 5510lbs and the axle is rated at 7059lbs.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Both the 18" Brabus rim and the alloy rim could crack or fail catastrophically, increasing the risk of injury to vehicle operators, passengers as well as others on the road.

Description of the Cause : 18" Brabus rim and 16" alloy rim not rated to carry the load for the rear axle of the Mercedes Super Single Chassis.

Identification of Any Warning that can Occur : No known warning.

Involved Components :

Component Name 1 : Brabus Monoblock E

Component Description : 18" Alloy wheel

Component Part Number : E10-808-53-XL

Supplier Identification :

Component Manufacturer

Name : German Tuning

Address : 1711 McGaw Ave

Irvine California 92614

Country : United States

Chronology :

Service bulletins were issued in March 2022 and April 2022 for a wheel spacer not approved by Mercedes. In May of 2023, we were notified of a Super Single Chassis that had a cracked alloy wheel on the rear axle. Once made aware of the issue, we advised the servicer that the coach would need to be reverted back to the OEM steel wheels, which was completed. In July of 2023, we were notified of failed 18" Brabus wheel. We informed the servicer to revert the coach back to the OEM steel wheels. A 10/12/2023 internal investigation conducted by Midwest revealed the Brabus 18" alloy wheels were not rated for use on Mercedes Super Single Chassis. On 10/19/2023, REV Corporate approved our DIR, after which we submitted our 573. *Midwest had zero warranty claims, injuries or deaths prior to issuing this 573.

Description of Remedy :

Description of Remedy Program : Midwest will provide the necessary components free of charge. Midwest will compensate the dealer/servicer for installing the new components that were provided free of charge. There is no charge to the dealer or owner for this recall. The repair will take approximately three (3) hours to complete.

How Remedy Component Differs from Recalled Component : The recalled 18" Brabus rim and 16" Mercedes OEM alloy wheel are rated below GAWR. The remedy is reverting the Super Single Chassis to OEM specifications.

Identify How/When Recall Condition was Corrected in Production : Super Single Chassis built after the initial instance of the failure were reverted back to OEM specifications and the non-compliant wheels have not been used on Mercedes Super Single chassis since.

Recall Schedule :

Description of Recall Schedule : Midwest plans on sending out the Dealer Notices between 10/27/2023 and 11/10/2023 and the Owner Notices between 11/10/2023 and 11/24/2023

Planned Dealer Notification Date : OCT 27, 2023 - NOV 10, 2023

Planned Owner Notification Date : NOV 10, 2023 - NOV 24, 2023

* NR - Not Reported