



IMPORTANT SAFETY RECALL

** RECALL NOTICE **

NHTSA Safety Recall 25V-499

TO: Winnebago Motorhome Dealers

SUBJECT: Campaign # 200 – Damaged Valve May Cause Loss of Tire Pressure

The National Traffic and Motor Vehicle Safety Act, as amended, provides that each vehicle which is subject to a recall campaign of this type must be adequately repaired within a reasonable time after the owner has tendered it for repair. A failure to adequately repair within 60 days after tender of a vehicle is prima facie evidence of failure to repair within a reasonable time.

If the condition is not adequately repaired within a reasonable time, the owners may be entitled to an identical or reasonably equivalent vehicle at no charge or to a refund of the purchase price less a reasonable allowance for depreciation.

To avoid having to provide these burdensome solutions, every effort must be made to promptly schedule an appointment with each owner and to repair their vehicle as soon as possible. As you will see in reading the enclosed copy of the letter, which is being sent to owners, the owners are being instructed to contact Winnebago Motorhomes, if you do not remedy the condition within five days of the mutually agreed upon service date. If the condition is not remedied within a reasonable time, they are instructed on how to contact the National Highway Traffic Safety Administration.

Reason For This Recall

Winnebago Motorhomes has decided that a defect related to motor vehicle safety exists on certain 2024 – 2025 Ekko Motorhomes.

These motor homes were manufactured June 28, 2023, through February 27, 2025.

Only Mercedes Ekkos are affected under this recall (Floorplan: 623B)

Our records indicate that you have purchased a vehicle with the serial number which appears above.

The tire valve extensions for the inner wheels may get damaged by contact with the outer wheels. In the event this happens, the inner tire could gradually lose air pressure.

There is potential the outer tire could overload and cause it to fail increasing the risk of a crash.

Owner Notification

Owners will be notified of this campaign on their vehicles by Winnebago Motorhomes. For all units in your inventory, the notification will be mailed to you. **DO NOT DELIVER TO A CUSTOMER ANY SUBJECT UNIT UNTIL CORRECTIVE ACTION HAS BEEN TAKEN.**



IMPORTANT SAFETY RECALL

Dealer Campaign Responsibility

Dealers are to service all vehicles subject to this campaign at no charge to owners regardless of mileage, age of vehicle, or ownership from this time forward.

Whenever a vehicle subject to this campaign is taken into a new or used vehicle inventory or it is in your dealership for service in the future, you should take the steps necessary to be sure the campaign correction has been made before reselling or releasing the vehicle. Owners of vehicles recently sold from your new vehicle inventory are to be contacted by the dealer and arrangements made to make the required corrections according to instructions contained in this campaign.

Repair Procedure:

Refer to instructions for proper replacement of the inner dual tire valves.

Parts Information:

Order the corresponding Part Kit from Winnebago Motorhomes using the Dealer Portal system to identify the labor operation number and create the order. You will be placing the order as a Recall type. You will need the Recall dealer number and the Winnebago Industries serial number of the affected vehicle to place the order.

Reimbursement:

When the service has been completed, submit the labor amount and labor operation number listed below. Your repair order must be properly signed by both the dealer and the owner.

Labor operation numbers can be found under Vehicle Info on the Dealer Portal.

VALVE STEM REPLACEMENT

Operation Number	Dealer Number	Parts Kit	Time Allowance
24002101	7954	RC7954-26-700	2.0

Winnebago Motorhomes
Forest City, Iowa 50436



Damaged Inner Dually Tire Valve Stems

Classification

Recall 200

Model	Model Year
Mercedes Ekko (623B)	2024 - 2025

Disclaimer: Read the entire instructions carefully before starting the procedure. If you have any questions, please contact the Winnebago Industries Technical Service Department by calling 1-866-653-4329 or by email: techservice@wgo.net. This document is confidential and is intended for dealer use only.

Condition

On certain Winnebago Motorhomes, the tire valve extensions for the inner wheels may get damaged by contact with the outer wheels. In the event this happens, the inner tire could gradually lose air pressure. There is potential the outer tire could overload and cause it to fail increasing the risk of a crash.

Correction

Inner dual wheel tire valve extensions will be replaced with new, shorter valve stems. This repair requires the outer back tires to be fully removed from the vehicles and the inner dual tires to be partially dismounted for removal of the extended valves on the inner dual tires for replacement. The required correction focuses on replacing the inner dual wheel valve stems to fully resolve the safety issue. The new valve stems address the root cause of the problem and ensure the continued safe operation of the vehicle. While accessories like flow-through caps are not part of the required safety correction, they can be utilized for enhanced convenience in the future. The Winnebago Recall Kit for this condition will include:

- 2 Winnebago Flow-through Valve Caps
(Note: These are not critical but aid in easier attempt for air filling on the tires. Mercedes Tire Valves in the recall kit and if ordered through Mercedes, will come with their original caps)
- 2 Mercedes Benz Tire Valves

You may order the Mercedes Tire Valve directly from a Mercedes Dealership or Online.

Mercedes Part Number : **000-400-55-13**

- Mercedes Benz Part Description: Tire Valve
- Mercedes Benz Price: U.S. \$ 6.50

Link to Mercedes Tire Valve Part for Ordering through Mercedes Benz Online if Preferred:
(<https://mbparts.mbusa.com/oem-parts/mercedes-benz-tire-valve-4005513>)

Part Required	Part Number	Description	Quantity
	RC7954-26-700	Recall # 200 – Valve Stem Replacement	1

Parts/Kit Image Reference

Part/s Required – Recall # 200 – Valve Stem Replacement

Kit Contains:

1. ½” Flowthrough Valve Extender Cap – 077030-12-00 (2)
2. Mercedes Benz Tire Valve (2)
 - Mercedes Benz Tire Valve Part Number (000-400-55-13)
 - Winnebago’s Part Number for this Mercedes Part through Winnebago (186580-01-700)

Shop Supplies

1. Tire Mounting Machine
2. Tire Balancing Machine
3. Tire Pressure Gauge
4. Tire Pressure Gauge Air Chuck
5. Source of Compressed Air for the Tires
6. Masking Tape
7. Calk or Paint Pen (For Marking Location of Valve on the Inner Tires)
8. 1 Valve Stem Installer
9. Soap + Water (Aids in slipping the bead of the new valve unto the rim)
10. Shop Napkins
11. Tire Fork or Tire Dolly
12. 2 Tire Chocks (At least 1 pair is Required)
13. 1 Floor Jack (Capable of Vehicle’s Weight)
14. 1 Jack Stand
15. Channellock Plyers
16. 1 Torque Wrench
17. 10” Socket Extension
18. 7/8” Deep Well Socket
19. 9/16 Wrench

If these 2 Critical Shop Supplies are NOT within your shop, take both inner dual tires to your local tire shop with the Kit Parts Required (2 Valves & 2 Flowthrough Valve Caps) and Submit a Sublet Repair.

Part/s Required



Key Considerations for Selecting an Appropriate Jack

1. Know your vehicle's weight:

Check your vehicle's owner's manual or the driver's side door jamb sticker for its Gross Vehicle Weight Rating (GVWR).

2. Apply the 75% Rule:

You should use a jack with a capacity that is at least 75% of the vehicle's weight.

3. If you Consider lifting both ends:

If you plan to lift both ends of the vehicle, use a jack with a capacity of at least 150% of the vehicle's weight.

4. Use jack stands:

Never work under a car supported only by a jack; always use jack stands to prevent serious injury or death if the jack's hydraulics fail.

Steps & Procedures

Step 1: Chock Tires & Prepare for Lifting of the Vehicle

- A. Ensure the vehicle is on a flat, stable surface. Turn off the engine and engage the parking brake.
- B. Place wheel chocks on the front tires to prevent any movement while working on the vehicle. (See Figure 1)
- C. Use the Jack and jack stand to lift the back end of the vehicle and clear the rear wheels off the ground.
 - Ensure the jack and jack stand are placed at the designated jacking points as per the vehicle's manual. (See Figures 2 & 3 for Examples of an Ekko)

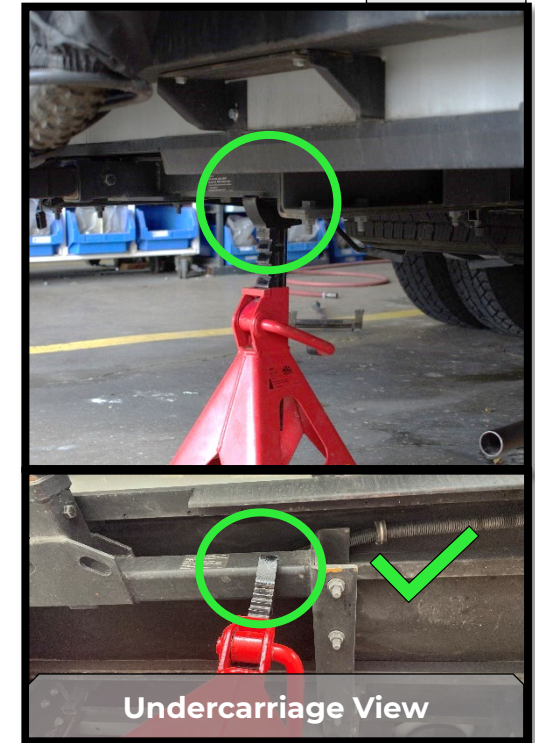
Figure 1



Figure 2



Figure 3



Step 2: Remove the Outer & Inner Dual Tires

- A. Before removing the outer, use a small piece of masking tape to mark the handhole on the outer tire that aligns with the inner valve. (See Figure 4)
 - After you have replaced the inner valve further down in the process, you can use this tape-mark to correctly position the outer wheel so that the access hole is in the same position as the inner valve.
- B. Use the Lug wrench, 7/8" deep well socket, and a 10-inch lug-wrench extension to remove the lug nuts on the outer dual tire and carefully remove the outer dual tire then place it safely near your work area to install it back further down in the process.
- C. Remove the Inner Dual tire and take it to the Tire Machine to break the bead on the valve stem side of the tire only to replace the valve.

NOTE: Only break the bead on the valve stem side of the tire only, a full dismount is not necessary.

Step 4: Mark Valve Location and Dismount the Inner Tire on the Tire Machine

- A. Mark the location of the aftermarket valve on the tire with a marking chalk/paint pen to ensure correct location during reinstallation of the new valve. (See Figure 5)
- B. Remember, only break the bead on the valve stem side of the tire, a full dismount is not necessary.

Figure 4

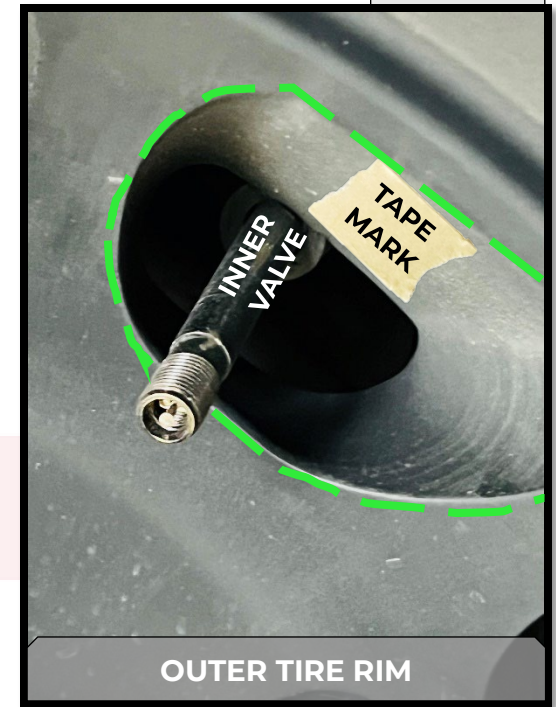


Figure 5



Step 5: Remove the Preexisting Valve

- A. Place a shop napkin/cloth under the valve end, on top of the tire (See Figure 6). This will act as a barricade to keep the nut and rubber washer/grommets from falling inside the tire when pulling the preexisting valve out.
- B. Using a 9/16" wrench and Channel-lock Pliers, gently turn the valve's nut clockwise to remove the aftermarket valve assembly from the rim.
- C. Ensure the valve is carefully and fully pulled out to avoid damage to the rim or valve hole.

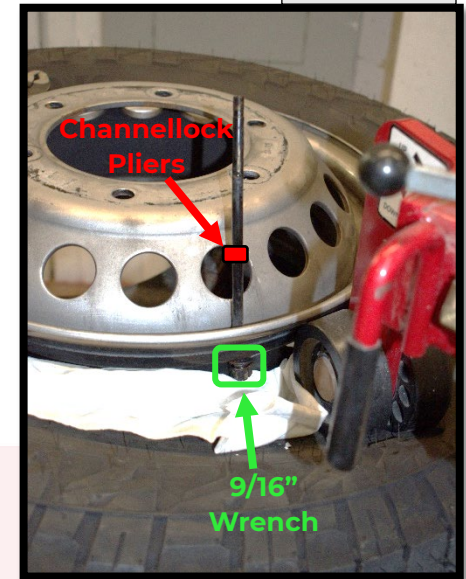


Figure 6

Step 6: Prepare and Install the New Valve

- A. Using soap and water, lubricate the new valve stem, the valve hole on the rim, and around the tire bead to help seal the tire when remounting and to facilitate installation of the new valve. (See Figure 7)
 - This lubrication also helps prevent damage to the valve or rim during insertion.
- B. Carefully pull the new valve stem through the valve hole using a Valve Stem Installer Tool.
- C. Ensure the new valve sits correctly and securely in the rim.

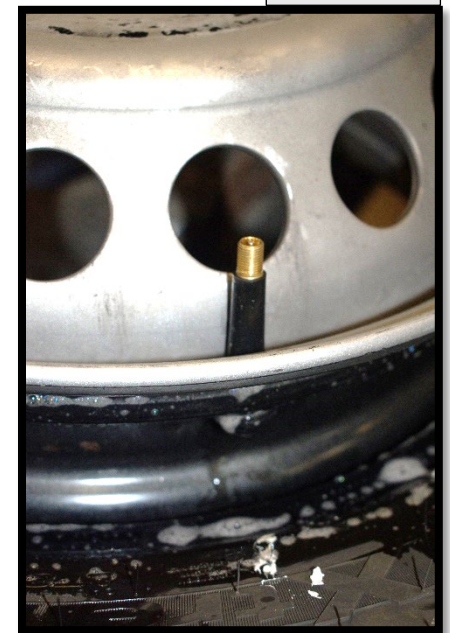


Figure 7

Step 7: Mount Tire Back on the Rim on the Tire Machine

- A. Mount the tire back onto the rim, ensuring the valve side is correctly aligned as per the previous marking of the location made during Step 4.
- B. Inflate the tire until the beads are properly seated against the rim and adjust the tire pressure to 58 PSI. You will need to adjust tire pressure again once the wheels and tires are mounted back on the vehicle with the vehicle weight on them.
- C. Install the Flowthrough Valve Cap.

Step 8: Balance the Tire on the Tire Balancing Machine

- A. Move and place the tire onto a tire balancing machine. (See Figure 8)
- B. Perform the balancing procedure according to the machine's instructions, adding or removing wheel weights as indicated to achieve optimal balance.

NOTE: Proper balancing is crucial for ride-comfort and tire longevity, preventing vibrations and uneven wear.

Figure 8



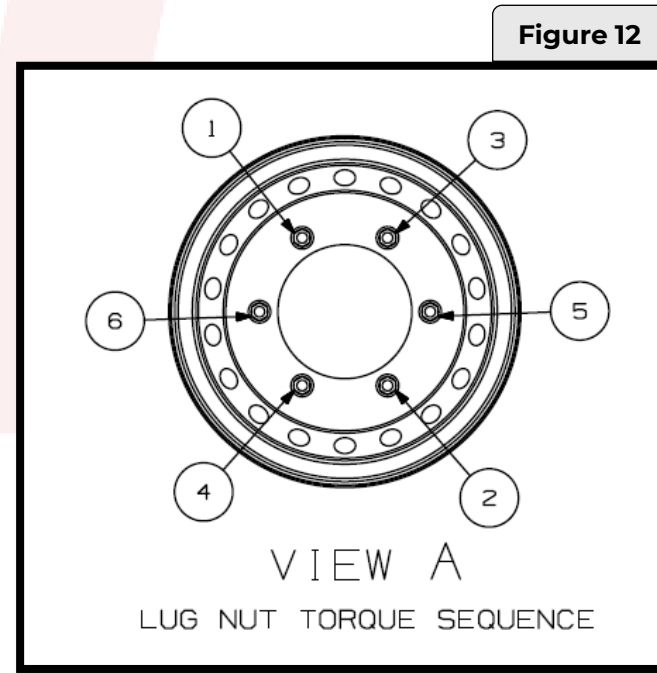
Step 9: Install the Inner and Outer Dual Tires and Check Valve Visibility

- A. Using a tire fork or tire dolly, install the inner and outer dual tires back onto the vehicle. (See Figure 9)
 - B. Align the inner dual valve with the tape-marked hand-hole on the outer dual wheel. (See Figure 10)
 - C. Ensure the new valve stem is clearly visible and accessible through that outer dual wheel's handhole and remove tape.
- This provides proper access to the new valve stems on the inner dual wheels, allowing for inflation as needed.



Step 10: Install Lug Nuts

- Shop Supplies: Lug nuts, Impact, 7/8" Deep Well Socket, Torque Wrench capable of 133 Ft./Lbs. and a 10-inch Socket Extension.
- A. Install the outer and inner dual tires into the hub mounting studs, then install the lug nuts.
 - **Initially, hand-tighten the lug nuts** and then finish tightening them with the Impact and the 7/8" Deep Well Socket.
- B. After installing both the outer and inner dual tires on one side of the vehicle, carefully lower the vehicle and remove the jack and stands.
- C. Use a torque wrench with a deep well socket and 10-inch socket extension to torque the lug nuts to the specified 133 Ft./Lbs. (See Figure 11), following a star pattern for even tightening.(See Figure 12)



Step 11: Inflate the Inner Dual Tire

- A. After installing and securing both outer and inner dual tires on one side of the vehicle and ensuring the lug nuts are properly torqued, inflate the tire with the vehicle's recommended air pressure found on the driver's side door sticker. (See Figure 13)
- B. Move the jack and the jack stand to the other side of the vehicle to work on the other dual tires.
- C. Ensure the jack and jack stand are placed at the designated jacking points as per the vehicle's manual.
- D. Repeat this procedure accurately for successful replacement of the other inner dual tire valve.
- E. Once finished, the Rework is Complete!

Figure 13

