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> VEVOR Air Jack 5 Ton (11000 lbs) Triple Bag Air Jack Instruction Manual - Model ZG-A

VEVOR ZG-A

VEVOR Air Jack 5 Ton (11000 lbs) Triple Bag Air Jack Instruction Manual

Model: ZG-A

1. INTRODUCTION AND SAFETY INFORMATION

This manual provides essential instructions for the safe and effective operation, maintenance, and troubleshooting of your VEVOR 5 Ton (11000 lbs) Triple Bag Air Jack, Model ZG-A. Please read this manual thoroughly before initial use and retain it for future reference.

General Safety Warnings

- **ALWAYS** wear appropriate personal protective equipment, including safety glasses and gloves.
- **NEVER** exceed the rated load capacity of 5 tons (11000 lbs).
- **ALWAYS** use jack stands to support the vehicle after lifting. The air jack is a lifting device, not a vehicle support device.
- Ensure the jack is placed on a hard, level surface capable of supporting the load. Avoid soft ground or uneven surfaces.
- Keep hands, feet, and other body parts clear of the jack and vehicle during lifting and lowering operations.
- Do not modify the jack in any way. Use only original replacement parts if repairs are necessary.
- Ensure the air compressor used meets the specified working pressure requirements.
- Inspect the jack for damage or wear before each use. Do not use if damaged.
- Keep children and unauthorized personnel away from the work area.

2. PRODUCT OVERVIEW

The VEVOR Triple Bag Air Jack is a pneumatic lifting device designed for quick and efficient vehicle lifting. It features a robust construction with multiple airbags and internal steel pipes for stability.



Figure 2.1: VEVOR 5 Ton Triple Bag Air Jack. This image displays the complete air jack assembly, highlighting its compact design and triple airbag structure.

Key Features:

- **5 Ton (11000 lbs) Load Capacity:** Suitable for a wide range of vehicles.
- **Triple Airbag Design:** Provides stable and efficient lifting.
- **Six Internal Steel Pipes:** Enhances structural stability during operation.
- **Adjustable Handle:** Ergonomic design for comfortable positioning and maneuverability.
- **Quick Lifting:** Achieves maximum height in approximately 3-5 seconds.
- **Thick Non-slip Rubber Pad:** Ensures secure contact with the vehicle chassis.

3. SETUP AND ASSEMBLY

3.1 Unpacking

Carefully remove all components from the packaging. Verify that all parts listed in the packing list are present and undamaged. If any parts are missing or damaged, contact VEVOR customer support immediately.

3.2 Handle Assembly

1. Attach the handle to the main jack body using the provided fasteners. Ensure all bolts are securely tightened.
2. Connect the air hose from the jack body to the control valve assembly on the handle.

3. Install the appropriate male air fitting (included) to the control valve assembly. It is recommended to use thread sealant tape (not included) to prevent air leaks.



Figure 3.1: Handle adjustment mechanism. This image illustrates how the handle can be adjusted for ergonomic operation and storage.

3.3 Initial Inspection

- Check all connections for tightness.
- Inspect the airbags for any signs of cuts, punctures, or wear.
- Ensure the wheels rotate freely.
- Confirm the control valves (inflation and deflation) operate smoothly.

4. OPERATING INSTRUCTIONS

4.1 Preparing for Lift

1. Park the vehicle on a firm, level surface. Engage the parking brake and block the wheels that will remain on the

ground.

2. Locate the manufacturer's recommended lifting points on the vehicle chassis.
3. Position the air jack directly under the designated lifting point, ensuring the rubber pad makes full and stable contact.
4. Connect an air compressor (with specifications $\geq 0.8 \text{ MPa}$ / **117.57 PSI**) to the air inlet on the jack's handle.

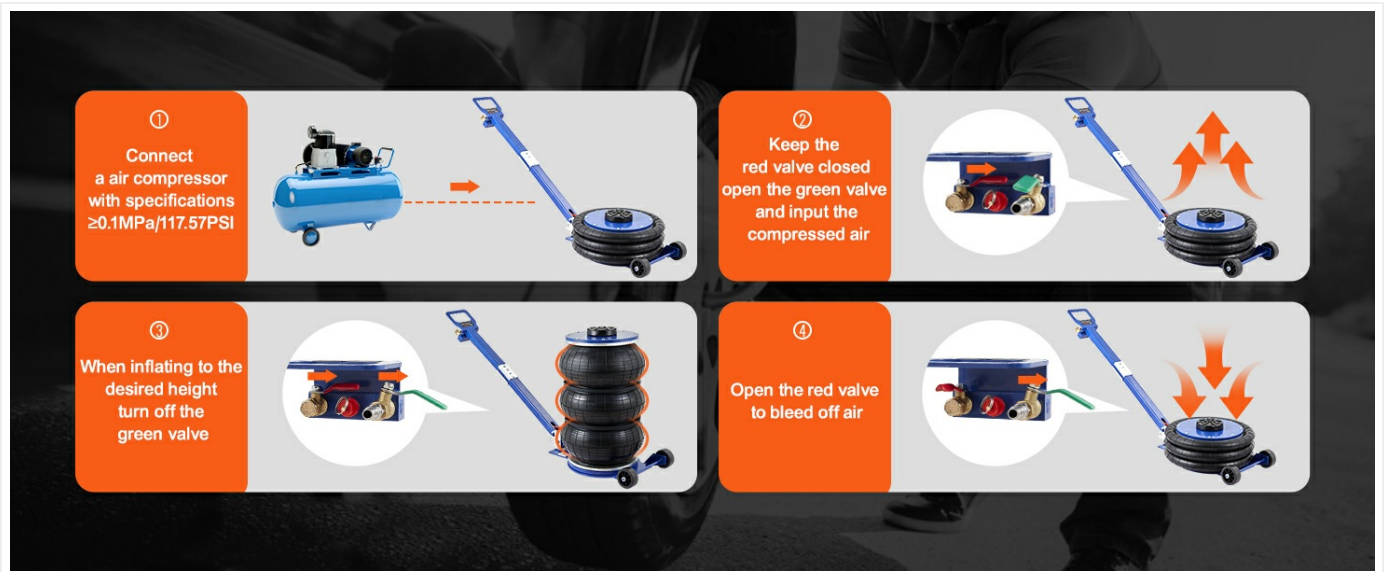


Figure 4.1: Step-by-step guide for inflating and deflating the air jack. This visual aid demonstrates connecting the air compressor, opening/closing valves for lifting, and opening the red valve for lowering.

4.2 Lifting the Vehicle

1. Ensure the red (deflation) valve on the handle is closed.
2. Slowly open the green (inflation) valve to allow compressed air into the airbags. The jack will begin to rise.
3. Monitor the lifting process carefully. Ensure the vehicle remains stable and the jack does not shift.
4. Once the desired height is reached (maximum 18.5 inches / 470 mm), close the green (inflation) valve.
5. **IMMEDIATELY** place appropriately rated jack stands under the vehicle's frame at the manufacturer's recommended support points.
6. Slowly lower the vehicle onto the jack stands by slightly opening the red (deflation) valve. Once the vehicle is securely resting on the jack stands, remove the air jack.

5TON/11000 LBS SUPER LOADING CAPACITY

Take on the toughest lifting tasks



Figure 4.2: The VEVOR air jack positioned under a vehicle, demonstrating its lifting capability. This image highlights the jack's capacity to lift various vehicle types.

4.3 Lowering the Vehicle

1. Ensure the area around the vehicle is clear.
2. Position the air jack back under the lifting point, ensuring stable contact.
3. Slightly open the green (inflation) valve to lift the vehicle just enough to clear the jack stands.
4. Remove the jack stands.
5. Slowly open the red (deflation) valve to release air from the airbags. The vehicle will gradually lower.
6. Once the vehicle is fully lowered and resting on its wheels, close both valves and disconnect the air compressor.
7. Remove the air jack from under the vehicle.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your VEVOR Air Jack.

- **Cleaning:** After each use, wipe down the jack with a clean, damp cloth to remove dirt, grease, and debris. Avoid using harsh chemicals that could damage the rubber airbags or painted surfaces.
- **Inspection:** Before and after each use, visually inspect the entire jack for any signs of damage, including:
 - Cuts, cracks, or abrasions on the airbags.
 - Bent or damaged handle, frame, or wheels.
 - Loose or missing fasteners.
 - Air leaks from connections or valves.
- **Storage:** Store the air jack in a clean, dry environment, preferably in its lowered position, away from direct sunlight, extreme temperatures, and corrosive materials.
- **Lubrication:** Periodically check and lubricate moving parts, such as wheel axles, if necessary, with a light machine oil.



Figure 5.1: Diagram highlighting the durable components of the air jack, including the thick non-slip rubber pad, high-sealing airbag, and stable base. Regular inspection of these components is crucial for safe operation.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your VEVOR Air Jack.

Problem	Possible Cause	Solution
Jack does not lift or lifts slowly.	Insufficient air pressure from compressor. Green (inflation) valve not fully open. Red (deflation) valve not fully closed. Air leaks in connections or airbags.	Ensure compressor provides ≥ 0.8 MPa / 117.57 PSI. Fully open the green valve. Fully close the red valve. Check all air connections and airbags for leaks. Tighten connections or repair/replace damaged parts.
Jack lowers unexpectedly.	Red (deflation) valve partially open. Air leaks. Overload (exceeding 5 tons).	Ensure red valve is fully closed. Inspect for air leaks and repair. Do not exceed rated capacity.
Jack is unstable during lift.	Uneven or soft ground. Improper placement under vehicle. Damaged internal steel pipes.	Move to a hard, level surface. Reposition the jack to ensure full contact with the lifting point. Inspect internal structure; contact support if damaged.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact VEVOR customer support.

7. SPECIFICATIONS

Detailed technical specifications for the VEVOR 5 Ton Triple Bag Air Jack, Model ZG-A.

Feature	Specification
Model Number	ZG-A
Load Capacity	5 Ton (11000 lbs)
Minimum Lifting Height	5.5 inches (140 mm)
Maximum Lifting Height	18.5 inches (470 mm)
Product Dimensions (L x W x H)	15.7 x 9.8 x 18.5 inches (400 x 250 x 470 mm)
Net Weight	48.3 lbs (21.9 kg)
Working Pressure	0.8-1.0 MPa (116-145 PSI)
Working Temperature	-76°F to 122°F (-60°C to 50°C)



Item Model Number:	ZG-A
Net Weight:	48.3 lbs/21.9 kg
Product Size:	15.7 x 9.8 x 18.5 inch/400 x 250 x 470mm
Working Pressure:	0.8-1.0Mpa
Working Temperature:	-76-122°F/-60°C-50°C

Figure 7.1: Detailed diagram showing the dimensions and key specifications of the VEVOR Air Jack, Model ZG-A.

8. WARRANTY AND SUPPORT

8.1 Warranty Information

VEVOR products are designed for durability and performance. For specific warranty terms and conditions applicable to your VEVOR Air Jack, Model ZG-A, please refer to the warranty card included with your product or visit the official VEVOR website. Keep your purchase receipt as proof of purchase for warranty claims.

8.2 Customer Support

If you have any questions, require technical assistance, or need to report an issue with your VEVOR Air Jack, please contact VEVOR customer support. Contact details can typically be found on the VEVOR official website or on the product packaging.

For the most up-to-date support information, please visit: www.vevor.com/support

