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> VEVOR 6 Ton Quadruple Bag Air Jack Instruction Manual

VEVOR ZG-I+

VEVOR 6 Ton Quadruple Bag Air Jack Instruction Manual

Model: ZG-I+ | Capacity: 6 Ton (13,000 lbs)

IMPORTANT SAFETY INFORMATION

Read and understand all safety warnings and instructions before operating this air jack. Failure to follow these instructions may result in serious injury or property damage.

- **Always use jack stands:** Never work under a vehicle supported only by an air jack. Always secure the vehicle with appropriate jack stands after lifting.
- **Ensure stable surface:** Operate the jack on a hard, level surface capable of supporting the load. Avoid soft ground, uneven surfaces, or inclines.
- **Do not exceed rated capacity:** The maximum load capacity for this jack is 6 tons (13,000 lbs). Do not attempt to lift loads exceeding this limit.
- **Proper positioning:** Position the jack head directly under the vehicle's designated lifting points. Refer to your vehicle's owner's manual for specific lifting points.
- **Keep clear:** Ensure all personnel and obstructions are clear of the vehicle during lifting and lowering operations.
- **Inspect before use:** Before each use, inspect the air jack for any signs of damage, wear, or leaks. Do not use if damaged.
- **Wear appropriate safety gear:** Always wear safety glasses and gloves when operating the jack.

PRODUCT OVERVIEW

The VEVOR 6 Ton Quadruple Bag Air Jack (Model ZG-I+) is a robust pneumatic lifting device designed for safely raising various vehicles, including family sedans, pickup trucks, micro trucks, and SUVs. Its design prioritizes stability and quick operation.

Key Features:

- **6 Ton (13,000 lbs) Load Capacity:** Capable of supporting a wide range of vehicles.
- **Adjustable Lifting Height:** Range of 10.2-26.5 inches (260-673mm) with heightened column, and a minimum height of 6.7 inches (170mm) without, accommodating various vehicle clearances.
- **Fast Lifting:** Achieves full lift in 2-5 seconds.
- **Stabilized Design:** Features a built-in telescopic steel tube for enhanced stability during lifting.
- **Adjustable Handle:** Handle adjusts to three angles for easy positioning and maneuverability.
- **Thick Rubber Pad:** Provides better grip and a larger contact area, preventing slips.
- **Durable Airbag:** Triple-layer rubber airbag designed for strong sealing and minimal risk of leaks.
- **Durable Nylon Wheels:** Facilitate easy movement and positioning of the jack.

Components Included:

- 1 x VEVOR 6 Ton Quadruple Bag Air Jack
- 1 x Heightened Column
- 1 x Adjustable Handle
- Air Inlet/Outlet Control Valves



Figure 1: Close-up of the thick rubber pad and triple-layer airbag for secure lifting.

SETUP AND ASSEMBLY

The VEVOR Air Jack comes mostly pre-assembled. Follow these steps for final assembly and preparation for use:

1. **Unpack Components:** Carefully remove all components from the packaging. Verify that all parts listed in the 'Components Included' section are present.
2. **Attach Handle:** Securely attach the adjustable handle to the main jack body using the provided hardware. Ensure all bolts are tightened.
3. **Connect Air Hose:** Connect your air compressor hose to the air inlet valve on the jack's control unit. The inlet valve size is G1/4. Ensure a secure, leak-free connection.
4. **Install Heightened Column (Optional):** If additional lifting height is required, place the heightened column securely on top of the jack's lifting pad.





Figure 2: Fully assembled VEVOR 6 Ton Quadruple Bag Air Jack with heightened column.

OPERATING INSTRUCTIONS

Always ensure the vehicle is on a flat, stable surface and the parking brake is engaged before beginning any lifting operation.

Lifting a Vehicle:

1. **Position the Jack:** Roll the air jack under the vehicle, aligning the lifting pad directly beneath the manufacturer-recommended lifting point. Use the adjustable handle to maneuver the jack easily.
2. **Connect Air Supply:** Ensure your air compressor is connected to the jack's air inlet. The compressor should provide 0.8-1.0 MPa (116-145 PSI) pressure.
3. **Initiate Lift:** Close the red exhaust valve. Open the green intake valve to allow air into the jack. The airbag will begin to inflate, lifting the vehicle. Control the lifting speed by adjusting the green valve.
4. **Monitor Lift:** Continue lifting until the desired height is reached. Do not over-inflate.
5. **Secure Vehicle:** Once the vehicle is at the desired height, **immediately place appropriate jack stands** under the vehicle's frame or designated support points. Close the green intake valve to hold the height.



Figure 3: Proper positioning of the air jack under a vehicle's lifting point.



Figure 4: The air jack inflating to lift a vehicle quickly.

Lowering a Vehicle:

1. **Prepare for Lowering:** Ensure the area around the vehicle is clear. If jack stands were used, carefully remove them once the jack is supporting the vehicle's weight again.
2. **Release Air:** Slowly open the red exhaust valve to release air from the jack. Control the lowering speed by adjusting the valve.
3. **Complete Lowering:** Continue releasing air until the vehicle is fully lowered onto the ground.
4. **Remove Jack:** Once the vehicle is stable on the ground, remove the air jack.

MAINTENANCE AND STORAGE

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

- **Cleaning:** After each use, wipe down the jack with a clean cloth to remove dirt, grease, and debris.
- **Inspection:** Regularly inspect the airbag for cuts, punctures, or excessive wear. Check all hose connections and valves for leaks or damage. Ensure wheels roll freely.

- **Lubrication:** Periodically lubricate moving parts, such as the handle pivot points and wheel axles, with a light machine oil.
- **Storage:** Store the air jack in a clean, dry environment, away from direct sunlight and extreme temperatures. Ensure it is fully deflated before storage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Jack does not lift or lifts slowly.	Insufficient air pressure; Air leak; Intake valve not fully open; Exhaust valve not fully closed.	Ensure air compressor provides adequate pressure (0.8-1.0 MPa); Check all connections for leaks and tighten; Fully open intake valve; Fully close exhaust valve.
Jack lowers unexpectedly.	Air leak in system; Exhaust valve partially open.	Inspect airbag and hoses for damage; Ensure exhaust valve is fully closed.
Jack is unstable during lift.	Uneven surface; Improper positioning; Overload.	Move to a hard, level surface; Reposition jack under vehicle's lifting point; Do not exceed 6-ton capacity.

SPECIFICATIONS

Feature	Detail
Item Model Number	ZG-I+
Load Capacity	6 Ton (13,000 lbs)
Minimum Height (without heightened column)	6.7 inches (170 mm)
Lifting Range (with heightened column)	10.2 - 26.5 inches (260 - 673 mm)
Working Pressure	0.8 - 1.0 MPa (116 - 145 PSI)
Fast Lifting Time	2-5 seconds
Material	Alloy Steel
Item Weight	56.66 Pounds (25.7 kg)
Product Dimensions	48.0 x 12.8 x 6.7-22.9 inches (1220 x 325 x 170-583 mm)
Vehicle Service Type	Truck, Sedan, SUV, Pickup Truck

6 TON/13000 LBS LOADING CAPACITY



13000
LBS

Work pressure 9-9.5kgf/cm ² (128-135 PSI)	0T	1T	1.5T	2T	2.5T	3T	3.5T	4T	4.5T	5T	5.5T	6T
Lifting height	23.0" / 583 mm	22.6" / 575 mm	22.6" / 575 mm	22.4" / 570 mm	22.0" / 560 mm	21.5" / 547 mm	21.1" / 535 mm	20.5" / 521 mm	505" / 521 mm	19.5" / 495 mm	18.9" / 480 mm	18.3" / 465 mm

* Note: The lifting height varies for different weights of loads to ensure secure use

Figure 5: Diagram illustrating the minimum and maximum lifting heights of the air jack.



Item Model Number:	ZG-I+
Net Weight:	57.2 lbs/25.7 kg (Include all accessories)
Product Size:	48.0 x 12.8 x 6.7-22.9 in/1220 x 325 x 170-583 mm
Working Pressure:	0.8-1.0 Mpa
Working Temperature:	-76~122 °F/-60~50 °C

Figure 6: Detailed dimensions and specifications of the VEVOR 6 Ton Quadruple Bag Air Jack.

SUPPORT

For further assistance, technical support, or inquiries regarding your VEVOR Air Jack, please visit the official VEVOR website or contact their customer service department. Always refer to the product packaging or official VEVOR resources for the most up-to-date contact information.