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› VEVOR 5T Pneumatic Air Jack Instruction Manual

VEVOR Cric Pneumatico ad Aria

VEVOR 5T Pneumatic Air Jack Instruction Manual

Model: **Cric Pneumatico ad Aria** | Brand: **VEVOR**

1. INTRODUCTION

The VEVOR 5T Pneumatic Air Jack is a robust and efficient lifting device designed for various vehicles, including cars, minivans, and SUVs. Constructed from high-strength steel, this air jack offers a maximum lifting capacity of 5 tons (11023 lbs) and can raise a vehicle from 6.3 inches (16 cm) to 15.75 inches (40 cm) in approximately 3-5 seconds. Its triple airbag design ensures stable and secure lifting, making it suitable for use on diverse terrains, including soft ground, sand, or muddy roads.

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your VEVOR Pneumatic Air Jack. Please read it thoroughly before initial use.

11000 LBS PNEUMATIC AIR JACK

A great helper for your family car, minivan and so on



Image 1.1: The VEVOR 5T Pneumatic Air Jack positioned under a vehicle for lifting. It features a triple airbag design and a sturdy base with wheels for maneuverability.

VEVOR®

PNEUMATIC AIR JACK



5 Tons/
11000 lbs



6.3"-15.75"
16 cm-40 cm



Image 1.2: The VEVOR Pneumatic Air Jack demonstrating its lifting capability, supporting a vehicle with its inflated airbags. The image highlights its application for automotive maintenance.

2. SAFETY INSTRUCTIONS

WARNING: Failure to follow these safety instructions may result in serious injury or property damage.

- Always read and understand the entire manual before operating the air jack.
- Ensure the jack is placed on a firm, level surface. Avoid uneven or soft ground.
- Never exceed the rated lifting capacity of 5 tons (11023 lbs).
- Always use appropriate jack stands to support the vehicle once it is lifted. Never work under a vehicle supported only by the air jack.
- Keep hands, feet, and other body parts clear of the jack and the vehicle during lifting and lowering operations.
- Ensure the air supply is clean and dry. Use an air compressor with sufficient capacity and pressure.
- Do not modify the air jack in any way. Use only original replacement parts.
- Inspect the jack for damage or wear before each use. Do not use if damaged.
- Wear appropriate personal protective equipment, such as safety glasses and gloves.
- Keep children and bystanders away from the work area.

3. PRODUCT COMPONENTS

The VEVOR Pneumatic Air Jack consists of several key components designed for durability and ease of use:

- **High-Strength Steel Frame:** Provides overall structural integrity and durability.
- **Triple Airbag System:** Made from rugged, high-tightness rubber to prevent air leakage and ensure stable lifting.
- **Thickened Rubber Pad:** Located at the top contact point, it protects the vehicle's chassis from damage

during lifting.

- **Control Handle:** Ergonomically designed for easy maneuvering and operation of the air valves.
- **Air Inlet Valve (Green):** Controls the inflation of the airbags.
- **Air Release Valve (Red):** Controls the deflation of the airbags.
- **Durable Rubber Wheels:** Facilitate easy movement and positioning of the jack, suitable for various surfaces.

HEAVY DUTY CONSTRUCTION

High strength steel ensures durability and longevity



Thicken Rubber Pad:
It is no damage to chassis and make the lifting more securer and stable

Rugged Triple Airbag:
No air leakage with high sealing performance, wear resistance that not easy to scratch.



Durable Rubber Wheel:
Suitable for working on all terrains, like collapse terrain, water on sand or muddy roads

Image 3.1: Close-up views of the VEVOR Air Jack's construction, highlighting the thickened rubber pad for chassis protection, the rugged triple airbag for durability, and the durable rubber wheels for mobility.



Image 3.2: A detailed view of the thickened rubber pad, designed to prevent damage to the vehicle's chassis during lifting operations.



Image 3.3: A close-up of the rugged triple airbag, emphasizing its high sealing performance and wear resistance for reliable and scratch-free operation.



Image 3.4: A detailed image of one of the durable rubber wheels, highlighting its suitability for various terrains, including soft or muddy surfaces.

4. SETUP

Before using the VEVOR Pneumatic Air Jack, ensure proper setup:

1. **Unpack Components:** Carefully remove all components from the packaging. Verify that all parts are

present and undamaged.

2. **Assemble Handle:** Attach the control handle to the main body of the air jack using the provided fasteners. Ensure it is securely tightened.
3. **Connect Air Hose:** Connect your air compressor hose to the air inlet valve (green valve) on the jack's control unit. Ensure a tight, leak-free connection.
4. **Prepare Work Area:** Position the vehicle on a firm, level surface. Engage the parking brake and block the wheels that will not be lifted.

PORTABLE & EASY TO STORE

Space-saving & smooth movement in the working area



Image 4.1: The VEVOR Air Jack disassembled into its main components, including the airbag unit, handle, and control valve, illustrating its compact size for storage and ease of assembly.

Image 4.2: An overhead view of the VEVOR Air Jack components laid out, demonstrating its compact design and the parts required for assembly and operation.

5. OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your VEVOR Pneumatic Air Jack:

5.1. Lifting the Vehicle

1. **Position the Jack:** Roll the air jack under the vehicle, ensuring the thickened rubber pad is centered directly under a strong, load-bearing point of the vehicle's frame or designated jacking point.
2. **Close Red Valve:** Ensure the red air release valve is fully closed.
3. **Open Green Valve:** Slowly open the green air inlet valve to allow compressed air to enter the airbags. The jack will begin to inflate and lift the vehicle.
4. **Monitor Lifting:** Continuously monitor the lifting process, ensuring the vehicle remains stable and the jack is not shifting.
5. **Reach Desired Height:** Once the vehicle reaches the desired height, close the green air inlet valve completely.
6. **Secure with Jack Stands:** Immediately place appropriate jack stands under the vehicle's designated support points. Lower the vehicle onto the jack stands by slightly opening the red valve until the vehicle rests securely on the stands.

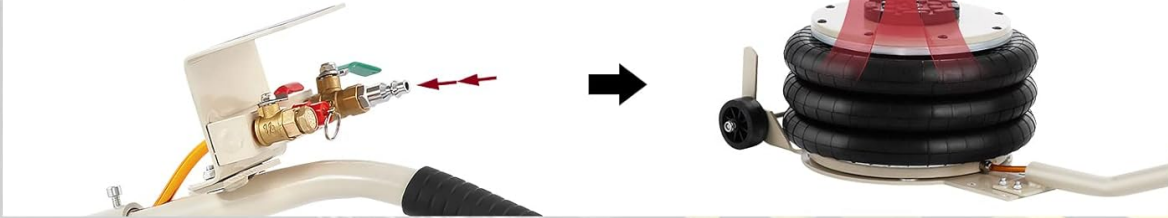
5.2. Lowering the Vehicle

1. **Raise Slightly:** If the vehicle is on jack stands, use the air jack to lift the vehicle slightly off the jack stands.
2. **Remove Jack Stands:** Carefully remove the jack stands from under the vehicle.
3. **Open Red Valve:** Slowly open the red air release valve to gradually deflate the airbags and lower the vehicle. Control the rate of descent by adjusting how much the valve is opened.
4. **Fully Lower:** Continue to lower the vehicle until it is fully on the ground.
5. **Remove Jack:** Once the vehicle is fully lowered and stable, remove the air jack.

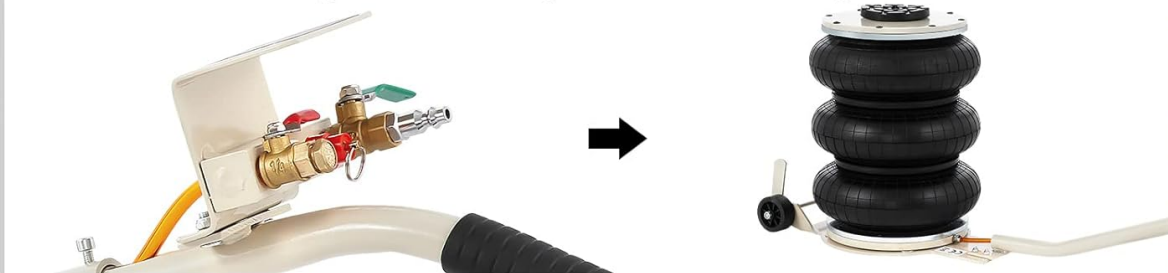
EFFORTLESS OPERATION

User-friendly & no complicated procedure

1. Keep red valve closed, open the green valve and input the compressed air



2. When inflating to the height turn off the green valve



3. Open the red valve to bleed off air

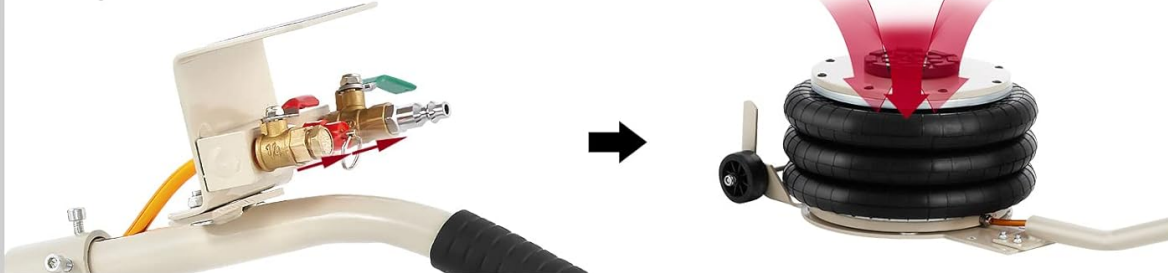


Image 5.1: A visual guide to the effortless operation of the VEVOR Air Jack, showing the three steps: 1. Close red valve, open green valve to inflate. 2. Turn off green valve when inflated. 3. Open red valve to bleed air and lower.



Image 5.2: A comparison showing the VEVOR Air Jack before inflation (compact) and after inflation (extended), illustrating the rapid lifting capability within 5 seconds.

FAST AND STABLE LIFTING

Only take 3-5 seconds to lift your car

Max Height: 15.75"/40cm

Min Height: 6.3" / 16cm



Image 5.3: An illustration detailing the minimum height (6.3 inches / 16 cm) and maximum height (15.75 inches / 40 cm) of the VEVOR Air Jack, along with arrows indicating the lifting motion.

6. MAINTENANCE

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

- **Cleaning:** After each use, wipe down the jack with a clean, dry cloth to remove dirt, grease, and debris. Avoid using harsh chemicals that could damage rubber components.
- **Inspection:** Periodically inspect the airbags for cuts, punctures, or signs of wear. Check all connections, hoses, and valves for leaks or damage. Ensure the handle and wheels are securely attached and functioning correctly.
- **Air Supply:** Ensure your air compressor system includes a moisture trap to prevent water from entering the jack, which can cause internal corrosion.
- **Storage:** Store the air jack in a clean, dry place, away from direct sunlight and extreme temperatures. Ensure it is fully deflated before storage.
- **Lubrication:** Lightly lubricate moving parts, such as wheel axles, if necessary, with a suitable lubricant.

7. TROUBLESHOOTING

Refer to the following table for common issues and their solutions:

Problem	Possible Cause	Solution
Jack does not lift or lifts slowly	Insufficient air pressure Air leak Red valve not fully closed Overload	Check air compressor pressure (ensure it meets specifications) Inspect hoses and connections for leaks; tighten or replace Ensure red valve is completely closed Reduce load; do not exceed 5T capacity
Jack lowers unexpectedly	Air leak Red valve not fully closed Damaged airbag	Inspect for leaks; tighten connections Ensure red valve is completely closed Do not use; contact VEVOR support for replacement
Difficulty positioning the jack	Uneven surface Damaged wheels	Move vehicle to a firm, level surface Inspect wheels for damage; replace if necessary

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

8. SPECIFICATIONS

Technical specifications for the VEVOR 5T Pneumatic Air Jack:

Feature	Specification
Brand	VEVOR
Model	Cric Pneumatico ad Aria
Lifting Capacity	5 Tons (11023 lbs)
Minimum Height	6.3 inches (160 mm)
Maximum Height	15.75 inches (400 mm)
Lifting Time	Approximately 3-5 seconds
Material	High-Strength Steel, Rubber Airbags
Operating Temperature	-60 °C ~ 50 °C
Product Dimensions (L x W x H)	51.1 x 47 x 21.1 cm (approx. 20.1 x 18.5 x 8.3 inches)
Compatible Vehicle Types	Automobile, Truck, SUV

PRODUCT SPECIFICATIONS:

VEVOR®

Product Weight: 42 lbs (19kg)

Product Size: 43.3 x 11.8 x 15.7 in / 110 x 30 x 40 cm



Image 8.1: A visual representation of the VEVOR Air Jack with key dimensions (height, width, length) and product weight, alongside examples of compatible vehicles.

9. WARRANTY AND SUPPORT

VEVOR products are designed for durability and performance. This product comes with a standard manufacturer's warranty against defects in materials and workmanship. For specific warranty details, including duration and coverage, please refer to the warranty card included with your product or visit the official VEVOR website.

For technical assistance, troubleshooting, or to inquire about replacement parts, please contact VEVOR customer support through their official website or the contact information provided in your product packaging. When contacting support, please have your product model number (Cric Pneumatico ad Aria) and ASIN (B08HLRYM7L) ready.