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BIG RED T64017

BIG RED Hydraulic Motorcycle Lift Jack T64017 User Manual

Model: T64017 | Brand: BIG RED

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1. SAFETY INFORMATION

WARNING: Read and understand all instructions before using this product. Failure to follow all instructions listed below may result in serious injury.

- Always ensure the jack is placed on a flat, level, and stable surface.
- Do not exceed the rated load capacity of 1500 lbs (680 kg).
- Always use appropriate tie-downs or straps to secure the vehicle to the jack platform before lifting.
- Never work under a vehicle supported only by the jack. Always use additional jack stands for support.
- Ensure the vehicle is properly balanced on the jack's platforms to prevent tipping.
- Keep hands and feet clear of moving parts during lifting and lowering operations.
- 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.

2. PRODUCT OVERVIEW

The BIG RED Hydraulic Motorcycle Lift Jack T64017 is designed for lifting motorcycles, snowmobiles, ATVs, and UTVs for maintenance, repair, or storage. It features a robust hydraulic system and a wide-load bearing design for stability.

- **Load Capacity:** 1500 lbs (680 kg)
- **Lifting Range:** 5-1/8 inches to 16-1/8 inches (13 cm to 41 cm)
- **Locking Positions:** 6 positions for secure height adjustment.

- **Mobility:** Equipped with 2 locking swivel casters for easy positioning.
- **Operation:** Hydraulic bottle jack system with a foot pedal for lifting and a release valve for controlled lowering.
- **Durability:** Powder-coat finished exterior for long-lasting use.

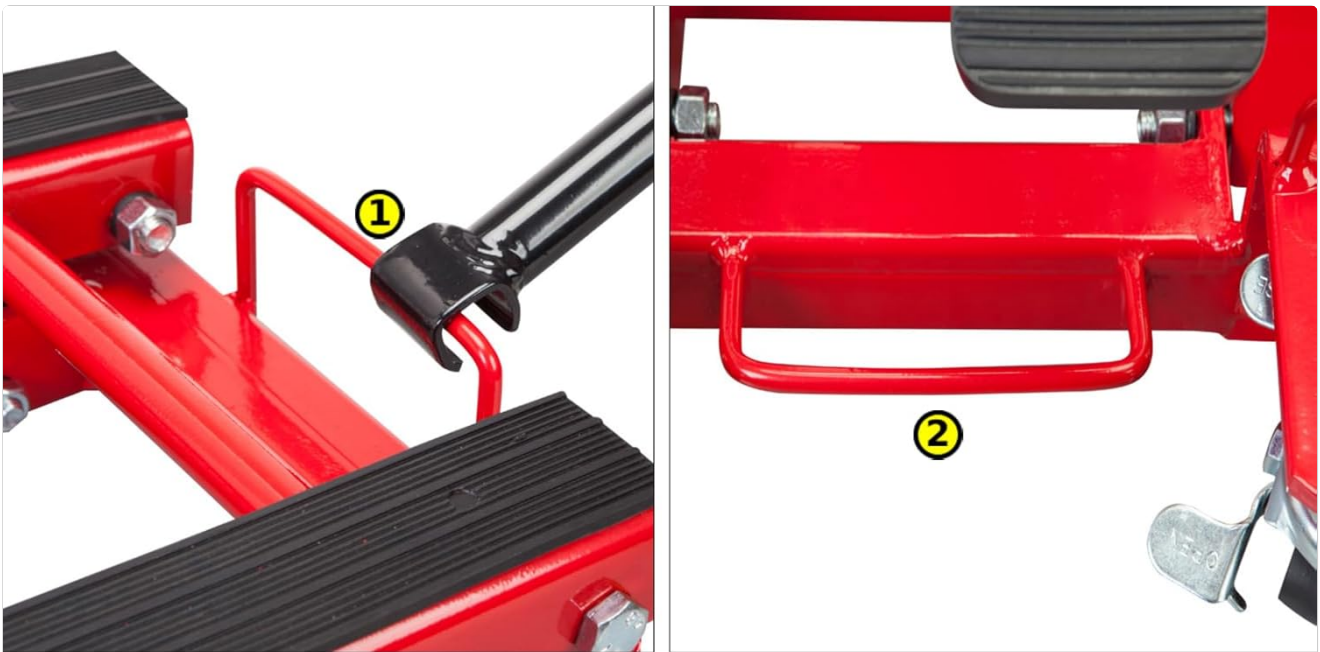


Figure 1: The BIG RED Hydraulic Motorcycle Lift Jack T64017, showcasing its red powder-coated frame, lifting platforms, hydraulic cylinder, and casters.

3. COMPONENTS INCLUDED

The following components are included with your BIG RED Hydraulic Motorcycle Lift Jack T64017:

- 1500 LBS Hydraulic Motorcycle Lift Jack
- Pulling Bar
- User Manual (this document)



You can choose either front or back to move the motorcycle jack stand

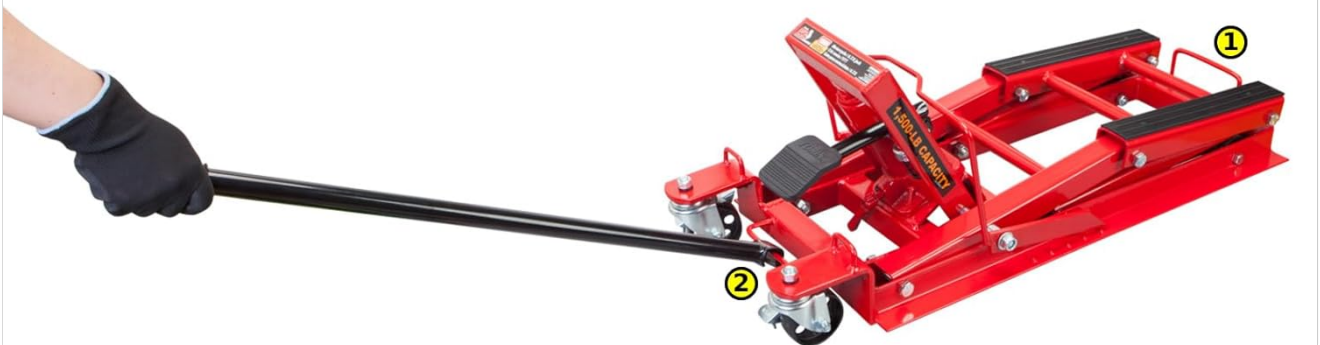


Figure 2: Close-up view of the pulling bar attachment point on the jack, used for maneuvering the lift.

4. SETUP INSTRUCTIONS

Follow these steps to prepare your hydraulic lift jack for use:

1. **Unpacking:** Carefully remove all components from the packaging. Inspect for any shipping damage.
2. **Positioning the Hydraulic Mechanism:** The hydraulic bottle jack mechanism needs to be properly seated and secured to the main platform. Ensure it is firmly attached.
3. **Depress the Lift:** Before securing, completely open the relief valve to allow the lift to fully depress. This ensures proper alignment for assembly.
4. **Attach Pulling Bar:** Insert the pulling bar into the designated receiver on the jack. This bar aids in moving the jack into position.
5. **Check Casters:** Verify that the swivel casters are securely attached and functioning correctly. Ensure the locking mechanisms on the casters engage and disengage smoothly.



Figure 3: Detail of a swivel caster with its locking mechanism, essential for securing the jack in place.

5. OPERATING INSTRUCTIONS

Proper operation is crucial for safety and effective use of the lift jack.

5.1. Preparing for Lift

1. **Clear Area:** Ensure the work area is clear of obstructions and on a firm, level surface.
2. **Vehicle Positioning:** Carefully maneuver the vehicle onto the jack's platforms. It is critical that the vehicle's frame is centered and evenly supported by the two metal platforms to prevent leaning or instability during the lift. A second person can assist in ensuring proper alignment.
3. **Secure Vehicle:** Use appropriate tie-down straps (not included) to firmly secure the vehicle to the jack's lifting platforms. This prevents the vehicle from shifting or falling.
4. **Caster Locks:** Engage the locks on the swivel casters to prevent the jack from moving during operation.



Figure 4: A motorcycle securely positioned on the lift jack, ready for lifting. Note the wide platforms for stability.

5.2. Lifting the Vehicle

1. **Close Release Valve:** Ensure the hydraulic release valve is fully closed before pumping.
2. **Pump the Foot Pedal:** Use the foot pedal to slowly and steadily pump the hydraulic jack. Observe the vehicle as it rises, ensuring it remains stable and balanced.
3. **Engage Safety Locks:** Once the desired height is reached, engage the safety locking pins into one of the 6 available positions. This mechanically secures the lift and prevents accidental lowering. Never rely solely on hydraulic pressure to hold the load.



Figure 5: The foot pedal mechanism used to activate the hydraulic lift, allowing hands-free operation.

5.3. Lowering the Vehicle

1. **Slightly Lift:** Before lowering, slightly lift the jack using the foot pedal to relieve pressure on the safety locking pins, then disengage the pins.
2. **Open Release Valve:** Slowly and carefully open the hydraulic release valve. The vehicle will begin to descend. Control the rate of descent by adjusting the valve opening.
3. **Monitor Descent:** Keep a hand on the vehicle for stability, especially if the safety lever is difficult to manage. Ensure the vehicle descends evenly.
4. **Full Descent:** Allow the jack to fully descend before attempting to remove the vehicle.

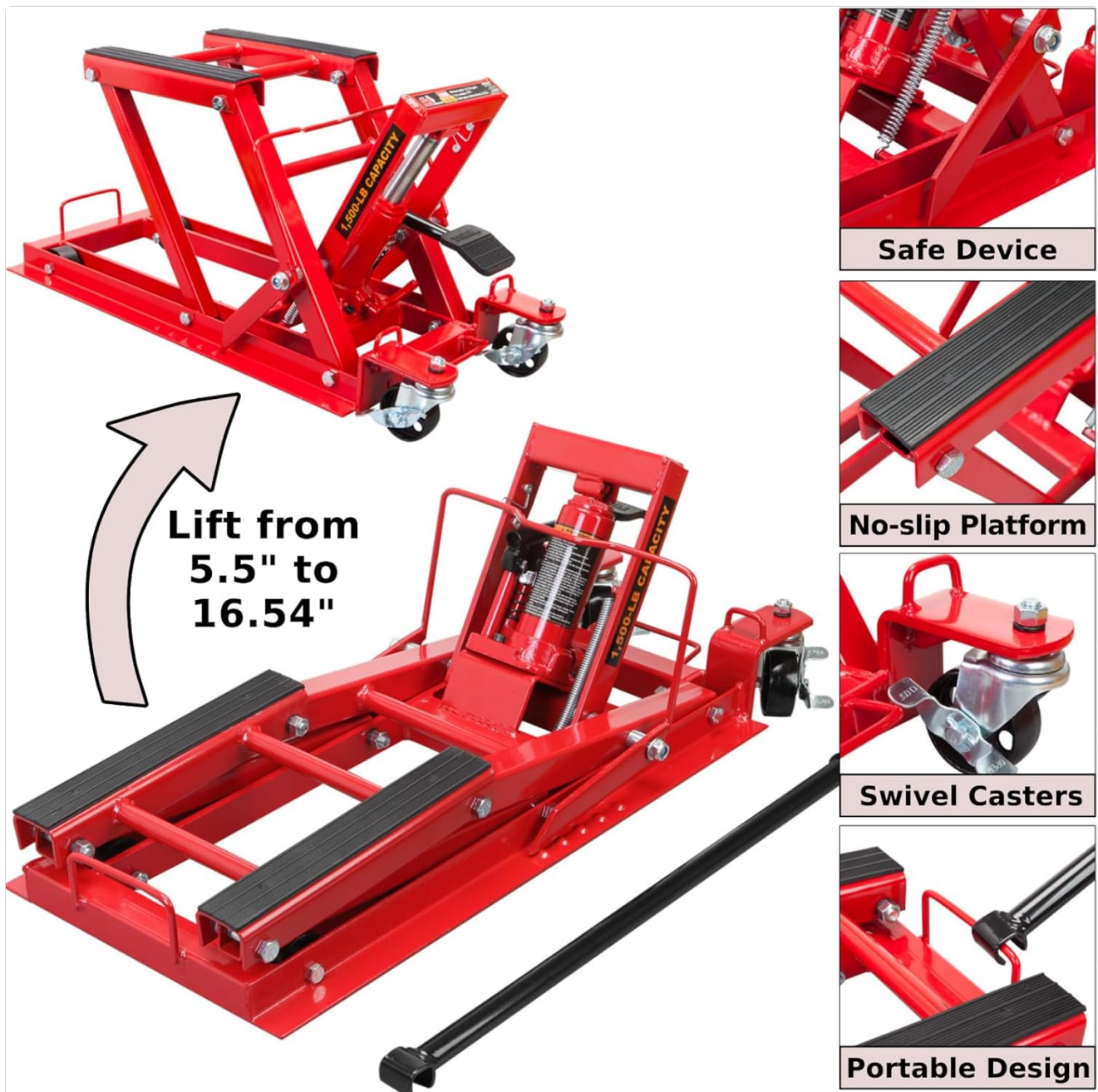


Figure 6: The lift jack demonstrating its full lifting range from 5.5 inches to 16.54 inches, highlighting its safety device, non-slip platform, swivel casters, and portable design.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your lift jack.

- **Cleaning:** Keep the jack clean and free of dirt, grease, and debris. Wipe down the hydraulic cylinder and moving parts regularly.
- **Lubrication:** Periodically lubricate all pivot points and moving parts with a light machine oil.
- **Hydraulic Fluid:** Check the hydraulic fluid level periodically. If low, refill with a high-quality hydraulic jack oil. Consult a qualified technician if you suspect a leak.
- **Inspection:** Before each use, inspect the jack for any signs of damage, wear, or loose fasteners. Pay close attention to welds, the hydraulic cylinder, and the lifting platforms.
- **Storage:** Store the jack in a dry, clean environment when not in use. Lower the jack completely to its minimum height for storage.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your hydraulic lift jack.

Problem	Possible Cause	Solution
Jack does not lift or lifts slowly.	Low hydraulic fluid, air in the system, or open release valve.	Check hydraulic fluid level and refill if necessary. Bleed air from the system (refer to hydraulic jack maintenance guide). Ensure release valve is fully closed.
Jack lowers under load.	Leaking hydraulic fluid, faulty seals, or improperly closed release valve.	Ensure release valve is fully closed. Inspect for visible leaks. If leaks are present or problem persists, discontinue use and contact qualified service personnel.
Difficulty positioning vehicle on platforms.	Vehicle not centered, or jack not fully lowered.	Ensure the jack is fully lowered. Carefully center the vehicle's frame on both platforms. Consider using a second person for assistance.
Pump lever has excessive play.	Normal wear or minor manufacturing tolerance.	This may not affect functionality. If it impacts operation, inspect connections or contact support.
Safety bar/pins do not engage correctly.	Bent safety bar or misalignment.	Inspect the safety bar for any deformation. Gently adjust if possible to ensure it aligns with the locking tabs. Do not force.

8. SPECIFICATIONS

Feature	Detail
Model	T64017
Brand	BIG RED
Load Capacity	1500 Pounds (680 kg)
Maximum Lifting Height	16.13 Inches (41 cm)
Minimum Height	5.13 Inches (13 cm)
Product Dimensions (L x W x H)	36.6 x 17.5 x 5.2 inches (93 x 44.5 x 13.2 cm)
Item Weight	73.7 pounds (33.4 kg)
Operation Type	Hydraulic
Color	Red

9. WARRANTY & SUPPORT

This BIG RED Hydraulic Motorcycle Lift Jack T64017 includes a **1-year limited manufacturer warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical assistance, or to purchase replacement parts, please contact BIG RED customer support. Keep your purchase receipt as proof of purchase.

Contact Information: Please refer to the contact details provided on the product packaging or the official BIG RED

website for the most current support information.