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Titan Ramps MOTOLIFT

Titan Ramps MOTOLIFT Hydraulic Motorcycle Lift Instruction Manual

Model: MOTOLIFT

Important Safety Information

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

- Always ensure the lift is on a stable, level surface before loading or operating.
- Do not exceed the maximum weight capacity of 1,000 pounds.
- Secure the motorcycle with appropriate tie-down straps at all times when on the lift, especially during lifting, lowering, or maintenance.
- Engage all safety locking mechanisms before working under or on the lifted motorcycle.
- Keep hands and feet clear of moving parts during operation.
- Do not attempt to move the lift with a motorcycle on it unless it is fully lowered and securely fastened.
- This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65 warning).

Product Overview

The Titan Ramps MOTOLIFT Hydraulic Motorcycle Lift is designed to facilitate motorcycle repair and maintenance by raising the vehicle to a comfortable working height. It features a robust 1,000-pound capacity, a dual pedal system for easy operation, a secure front-wheel clamp, and a removable rear drop panel for enhanced access.



Image: A motorcycle securely positioned on the Titan Ramps Hydraulic Lift, elevated for maintenance tasks.



Image: The hydraulic motorcycle lift in its lowest position, with the approach ramp attached, ready to load a motorcycle.

Setup and Assembly

The Titan Ramps MOTOLIFT is largely pre-assembled. Minimal setup is required to prepare it for use.

1. **Uncrating:** Carefully remove the lift from its packaging. It is heavy and may require two people or appropriate lifting equipment.
2. **Caster Installation:** Ensure all casters are securely attached and can swivel freely.
3. **Pedal Attachment:** Attach the foot pedals for lifting and lowering. This typically involves securing them with a pin or bolt (a 17mm wrench may be needed).
4. **Approach Ramp:** Position the approach ramp at the end of the lift platform.
5. **Initial Inspection:** Before first use, inspect all bolts, nuts, and hydraulic connections to ensure they are tight and

free from damage.

Video: This video demonstrates the initial setup and operation of the Titan Ramps Hydraulic Motorcycle Lift, including how to raise and lower a motorcycle.

Operating Instructions

Loading a Motorcycle

1. Ensure the lift is fully lowered and the casters are locked to prevent movement.
2. Carefully push or ride the motorcycle up the approach ramp onto the main platform.
3. Position the front wheel securely into the front-wheel clamp.
4. Use tie-down straps (not included) through the designated strap access ports on the platform to firmly secure the motorcycle. Ensure the straps are tight and the motorcycle is stable.

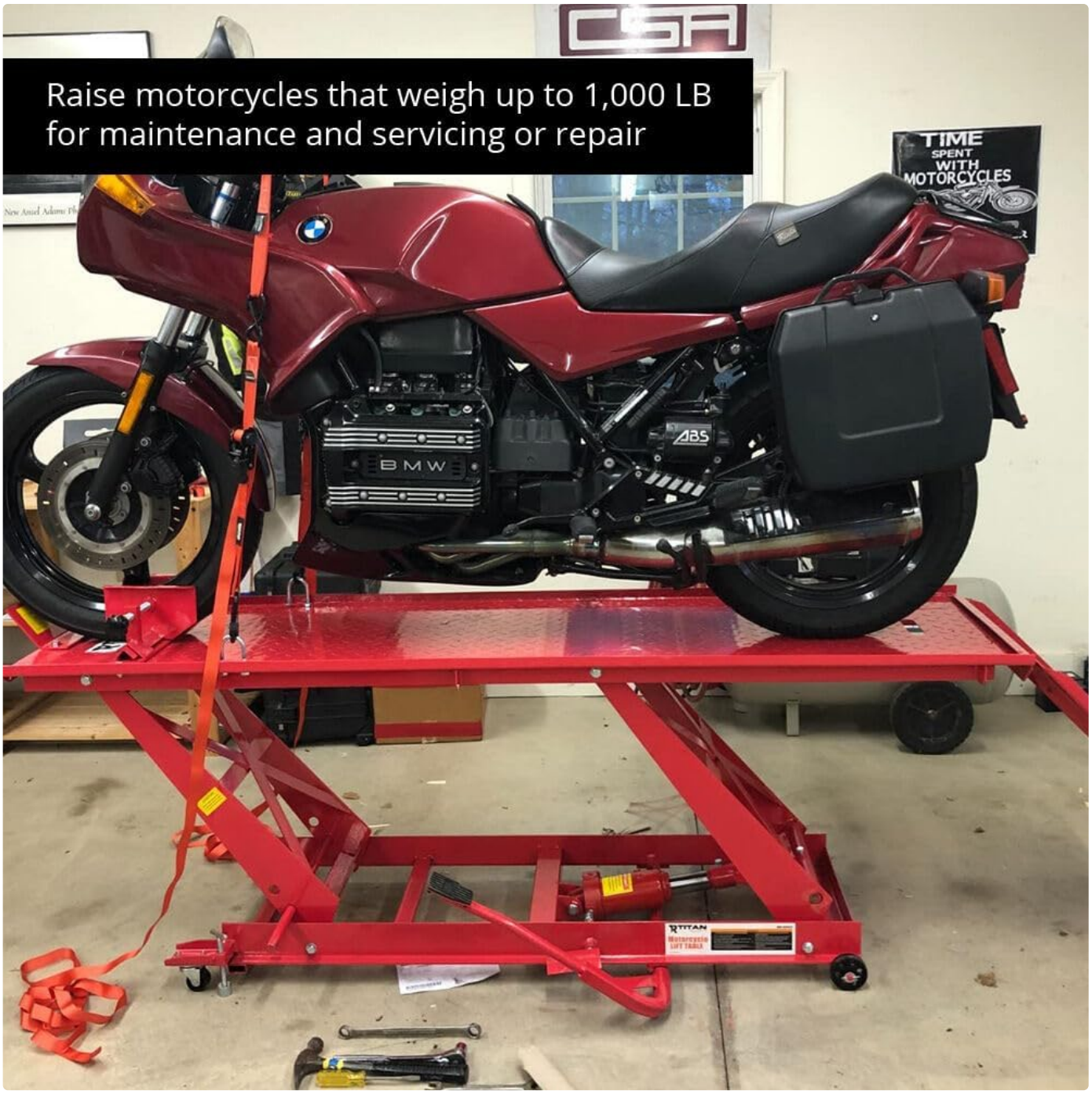


Image: A motorcycle is shown secured on the lift platform with tie-down straps, ready for elevation.

Lifting the Motorcycle

1. With the motorcycle securely loaded and strapped, repeatedly press the foot pedal designed for lifting.
2. Raise the platform to the desired working height.
3. Once at the desired height, engage the safety locking bar by inserting it into the nearest available slot. This prevents accidental lowering.



Image: A close-up view of the two foot pedals on the lift base; one is used to pump the hydraulic fluid to raise the lift, and the other to release it for lowering.



Image: The hydraulic cylinder and scissor mechanism underneath the lift platform, responsible for raising and lowering the motorcycle.

Lowering the Motorcycle

1. Slightly raise the lift by pressing the lifting pedal to disengage the safety locking bar.
2. Remove the safety locking bar from its slot.
3. Slowly press the release pedal to gradually lower the platform. Control the descent to prevent sudden drops.
4. Once fully lowered, remove the tie-down straps and carefully roll the motorcycle off the lift.



Image: The removable rear section of the lift platform, providing convenient access to the motorcycle's rear wheel for maintenance.

Moving the Lift

1. For safety, always lower the lift to its lowest position before attempting to move it, especially with a motorcycle on it.
2. Ensure the motorcycle is securely strapped to the platform.
3. Unlock the casters.
4. Carefully push the lift to the desired location. Avoid sudden movements or uneven surfaces.
5. Once in position, lock the casters to prevent accidental rolling.



Image: A close-up of the front-wheel clamp and the safety locking bar mechanism on the lift platform, crucial for securing the motorcycle.

Maintenance

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

- **Hydraulic Fluid:** Periodically check the hydraulic fluid level. Refill with appropriate hydraulic oil if low. Inspect for any leaks around the cylinder or hoses.
- **Lubrication:** Lubricate all pivot points and moving parts with grease or oil as needed to ensure smooth operation.
- **Cleaning:** Keep the lift platform and hydraulic components clean and free of dirt, debris, and corrosive materials. The diamond-plate surface should be kept clear for optimal grip.
- **Fasteners:** Regularly inspect all bolts, nuts, and pins for tightness. Tighten any loose fasteners to prevent instability.
- **Casters:** Ensure casters roll freely and their locks function correctly.

Troubleshooting

If you encounter issues with your hydraulic motorcycle lift, refer to the following common troubleshooting steps:

- **Lift Not Raising:**
  - Check hydraulic fluid level; refill if low.
  - Ensure the release valve is fully closed before pumping.
  - Verify the motorcycle's weight does not exceed the 1,000 lb capacity.
- **Lift Not Lowering:**
  - Ensure the safety locking bar is disengaged.
  - Check the release pedal/valve for obstructions or malfunction.
- **Instability During Operation:**
  - Confirm the lift is on a firm, level surface.
  - Ensure the motorcycle is centered on the platform and securely strapped.
  - Verify the safety locking bar is properly engaged at the desired height.
  - Lock all casters when the lift is stationary.

Specifications

Weight Capacity	1,000 lbs
Material	11-gauge Steel
Product Dimensions (L x W x H)	81.25" x 21.75" x 8.5" (lowered) - 34" (raised)
Approach Ramp Dimensions	25.75" x 21.75" x 1/8" thick
Item Weight	293 lbs
Color	Red
Model Number	MOTOLIFT

Warranty and Support

This Titan Ramps product comes with a standard manufacturer's warranty. For specific warranty details, coverage periods, or to initiate a warranty claim, please refer to the documentation included with your purchase or visit the official Titan Ramps website.

For technical assistance, troubleshooting guidance beyond this manual, or to order replacement parts, please contact Titan Ramps customer service. Contact information can typically be found on the product packaging, the official website, or your purchase receipt.

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