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BIG RED ATR39004R

BIG RED ATR39004R Torin A-Frame Trailer Jack User Manual

Model: ATR39004R

Brand: BIG RED

1. Introduction

This manual provides essential information for the safe and effective installation, operation, and maintenance of your BIG RED ATR39004R Torin A-Frame Trailer Jack. Please read and understand all instructions and safety warnings before using the product.

The BIG RED A-Frame trailer jack is designed to easily raise and lower trailers with a capacity of up to 1 ton (2,000 lb). It features an adjustable height and a corrosion-resistant zinc-painted finish.





Figure 1.1: BIG RED ATR39004R Torin A-Frame Trailer Jack

2. Product Overview & Features

The BIG RED ATR39004R A-Frame Trailer Jack is engineered for durability and ease of use. Key features include:

- **A-Frame Trailer Jack:** Easily raises and lowers any trailer up to a 1 ton (2,000 lb) capacity.
- **Adjustable Height:** Ranges from 10-1/2 inches to 24-1/2 inches.
- **Corrosion Resistant:** Painted with Zinc for enhanced durability.
- **Convenient Wind Handle:** Delivers fast, smooth cranking.



Figure 2.1: Key features including Carbon Steel Material, Rust-proof Coating, and Ergonomic Handle.

3. Specifications

Specification	Value
Load Capacity	1 ton (2,000 lb)
Maximum Lifting Height	24.5 Inches
Minimum Height	10.5 Inches
Product Dimensions (L x W x H)	22.04 x 7.87 x 4.56 inches
Item Weight	12.34 pounds
Color	Red

Material	Carbon Steel (implied), Zinc Painted
Surface Treatment	Rust-proof Coating



Figure 3.1: Diagram showing product parameters including loading capacity, height, stroke, and lifting range.



Figure 3.2: Visual representation of inner and outer tube dimensions (51mm inner, 57mm outer).

4. What's in the Box

- Trailer Jack (1)

Note: Mounting hardware may not be included and might need to be purchased separately depending on your trailer's requirements.

5. Setup & Installation

The A-Frame Trailer Jack is designed for easy installation on trailer tongues measuring 3 to 4 inches. Ensure the mounting surface is clean and free from obstructions.

1. **Positioning:** Place the jack's mounting plate onto the trailer's A-frame tongue. Ensure the jack is oriented correctly for operation.
2. **Securing:** Use appropriate bolts, washers, and nuts (not included) to securely fasten the jack to the trailer tongue. Tighten all fasteners according to your trailer manufacturer's specifications.

3. **Foot Attachment:** The jack's foot is designed to be removable. Ensure it is properly attached and secured before use. If your truck has a low clearance, the foot can be removed, and the piston retracted further to prevent scraping.



Figure 5.1: The jack features a triangular bracket for secure mounting and easy operation.



Figure 5.2: This jack is designed for A-Frame, RV travel trailers, or cargo/utility trailers.



Figure 5.3: The jack is compatible with various trailer types, including yacht, camping, and utility trailers.

6. Operating Instructions

To operate the A-Frame Trailer Jack:

1. **Lowering the Jack:** Turn the wind handle counter-clockwise to extend the jack and lower the trailer tongue.
2. **Raising the Jack:** Turn the wind handle clockwise to retract the jack and raise the trailer tongue.
3. **Vertical Movement:** The jack provides smooth vertical movement for precise height adjustments.



Figure 6.1: The jack offers easy operation and smooth vertical movement.

7. Maintenance

Regular maintenance ensures the longevity and optimal performance of your trailer jack:

- **Cleaning:** Keep the jack clean from dirt, mud, and debris.
- **Lubrication:** Periodically apply a suitable lubricant (e.g., lithium grease) to the moving parts, especially the screw mechanism, to ensure smooth operation and prevent wear.
- **Corrosion Inspection:** Although the jack is zinc-painted for corrosion resistance, regularly inspect for any signs of rust or damage, especially after exposure to harsh weather conditions. Address any corrosion promptly.
- **Fastener Check:** Periodically check all mounting bolts and fasteners to ensure they remain tight and secure.



Figure 7.1: The jack's corrosion-resistant coating helps protect it from the elements.

8. Troubleshooting

While the BIG RED A-Frame Trailer Jack is designed for reliable performance, you may encounter minor issues. Here are some common observations and general advice:

- **Stiff Operation:** If the handle feels stiff or difficult to turn, apply a generous amount of lubricant to the internal screw mechanism. Ensure no debris is obstructing the movement.
- **Wobbly Handle:** Some play in the handle mechanism is normal. If excessive wobbling occurs, inspect the handle's attachment points for any loose components or wear.
- **Jack Not Reaching Desired Height:** Ensure the jack's foot is fully extended or retracted as needed. If the foot is removable, ensure it is securely attached. Consider placing a sturdy block under the jack's foot for additional height if necessary, especially with low-profile trucks.
- **Missing Mounting Hardware:** As noted in Section 4, mounting bolts are typically not included with the jack. Ensure you have the correct size and strength hardware for your specific trailer application.

9. Warranty and Support

Your BIG RED ATR39004R Torin A-Frame Trailer Jack includes a**limited 1-year manufacturer warranty**. Please retain your proof of purchase for warranty claims.

For technical support, parts, or warranty inquiries, please contact BIG RED customer service through their official website or the retailer where the product was purchased.

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Example: How do I reset this device or fix this error?

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