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› [Torin AT46002AB-1 Double Locking Steel Jack Stands, 6 Ton Capacity - Instruction Manual](#)

Torin AT46002AB-1

Torin AT46002AB-1 Double Locking Steel Jack Stands

Model: AT46002AB-1 | Capacity: 6 Ton (12,000 LBs) Per Pair

IMPORTANT SAFETY INFORMATION

WARNING: Read, understand, and follow all instructions before using this device. Failure to observe these warnings may result in personal injury and/or property damage.

- Always use jack stands in pairs on a hard, level surface.
- Do not exceed the rated capacity of 6 tons (12,000 LBs) per pair.
- Ensure the vehicle is properly supported and stable before working underneath it.
- Position jack stands under the vehicle's frame or axle, at points recommended by the vehicle manufacturer.
- Engage the double-lock protection feature by inserting the safety pin through the ratchet bar.
- Never work under a vehicle supported only by a jack. Always use jack stands.
- Keep hands and feet clear of the jack stand during adjustment and when lowering the vehicle.
- Wear appropriate personal protective equipment, such as safety glasses and gloves.

Proposition 65 Warning: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

PRODUCT OVERVIEW

The Torin AT46002AB-1 Double Locking Steel Jack Stands are designed to provide reliable and secure support for vehicles during maintenance. These jack stands feature a robust steel construction and a double-lock protection system for enhanced safety.

Key Features

- Double locking jack stands, sold as a pair.
- Height ranges from 15-3/8" to 23-13/16".
- 6 ton (12,000 lb.) capacity per pair.

- Double-lock protection feature for increased safety.
- Large saddle surface area for better contact with the load.
- Large foot base size of 10-13/16" by 9-7/16" for stability.
- Single piece, self-locking, multi-position, forged iron ratchet bar for precise adjustments.

Components

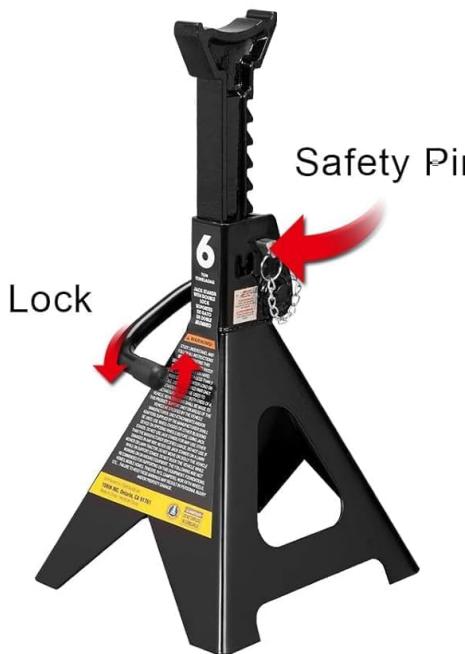


Figure 1: Overall view of the Torin AT46002AB-1 Double Locking Steel Jack Stand.

The jack stand consists of a sturdy base, an adjustable ratchet bar, a saddle for supporting the vehicle, and a double-locking mechanism including a safety pin and a locking handle.

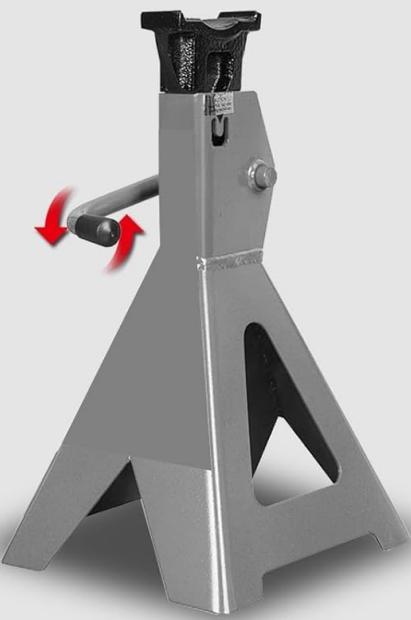
DOUBLE LOCKING DOUBLE SECURITY

Firm and fast locking



DOUBLE LOCKS

For professional repairs



SINGLE LOCK

For household cars

Figure 2: Illustration of the double locking mechanism, showing the primary lock and the safety pin for enhanced security.

The double locking feature provides an additional layer of security, ensuring the ratchet bar remains firmly in place once adjusted.



Figure 3: Close-up view highlighting the reinforcing steel construction, the robust ratchet bar, and the anti-corrosion finish.

The robust construction with reinforcing steel and an anti-corrosion finish ensures durability and longevity.

SETUP

Before initial use, ensure all components are present and undamaged. Familiarize yourself with the operation of the ratchet bar and safety pin.

- 1. Unpack:** Remove the jack stands from their packaging.
- 2. Inspect:** Check each jack stand for any signs of damage, such as bent components, cracks, or missing parts. Do not use damaged equipment.
- 3. Familiarize:** Understand how the ratchet bar adjusts and how the safety pin secures the height.



Figure 4: Detail of the safety pin and its attachment chain, which is crucial for the double-locking feature.

The safety pin is attached to the jack stand via a chain to prevent loss and ensures it is readily available for securing the ratchet bar.

OPERATING INSTRUCTIONS

Before Use

- Ensure the work area is well-lit and clear of obstructions.
- Park the vehicle on a hard, level surface.
- Engage the parking brake and block the wheels that will remain on the ground.
- Consult your vehicle's owner's manual for recommended lifting points.

Lifting a Vehicle and Placing Jack Stands

1. **Position Jack:** Place a floor jack under the vehicle's recommended lifting point.
2. **Raise Vehicle:** Lift the vehicle to the desired height, ensuring it is stable.

3. **Position Jack Stands:** Place the Torin jack stands under the vehicle's frame or axle at the manufacturer's specified support points. Ensure the saddle of the jack stand makes full contact with the vehicle's support point.
4. **Adjust Height:** Raise the ratchet bar to the appropriate height, ensuring it locks securely into place.
5. **Engage Double Lock:** Insert the safety pin through the hole in the ratchet bar and the jack stand body to engage the double-lock protection.
6. **Lower Vehicle:** Slowly lower the vehicle onto the jack stands. Ensure the vehicle is resting securely on both jack stands before beginning any work.



Figure 5: Torin 6 Ton Jack Stands properly positioned under a vehicle for safe support during maintenance.

Always ensure the vehicle is centered and stable on the jack stands before proceeding with any work.

Lowering a Vehicle

1. **Raise Vehicle:** Use the floor jack to slightly raise the vehicle off the jack stands.
2. **Remove Safety Pin:** Remove the safety pin from each jack stand.
3. **Lower Ratchet Bar:** Depress the locking handle and carefully lower the ratchet bar to its lowest position.
4. **Remove Jack Stands:** Remove the jack stands from under the vehicle.

5. **Lower Vehicle:** Slowly lower the vehicle completely to the ground using the floor jack.

MAINTENANCE

- **Cleaning:** Keep the jack stands clean and free of dirt, grease, and corrosive materials.
- **Lubrication:** Periodically lubricate the pivot points and the ratchet bar mechanism with light machine oil to ensure smooth operation.
- **Inspection:** Before each use, inspect the jack stands for any signs of wear, damage, or corrosion. Pay close attention to welds, the ratchet bar, and the safety pin. Replace any damaged parts immediately or discontinue use if repairs are not possible.
- **Storage:** Store jack stands in a dry, clean area when not in use.

TROUBLESHOOTING

- **Issue:** Ratchet bar does not lock securely.
Solution: Check for debris in the locking mechanism. Ensure the locking handle is fully engaged. Lubricate the mechanism if stiff.
- **Issue:** Jack stand appears unstable.
Solution: Ensure the jack stand is on a hard, level surface. Verify the vehicle's weight does not exceed the stand's capacity. Reposition the stand to ensure full contact with the vehicle's support point.
- **Issue:** Safety pin is difficult to insert or remove.
Solution: Ensure the ratchet bar is properly aligned. Clean any rust or debris from the pin and hole. Apply a small amount of lubricant if necessary.

SPECIFICATIONS

Specification	Detail
Model Number	AT46002AB-1
Load Capacity	6 tons (12,000 LBs) per pair
Minimum Height	15-3/8 inches (39 cm)
Maximum Height	23-13/16 inches (60.5 cm)
Base Dimensions (L x W)	10-13/16 inches x 9-7/16 inches
Material	Alloy Steel
Color	Black
Item Weight	29.8 pounds (per pair)

WARRANTY INFORMATION

This product includes a limited 1-year manufacturer warranty. For specific details regarding coverage and claims, please refer to the warranty documentation provided with your purchase or contact Torin customer support.

OFFICIAL PRODUCT VIDEOS

Video: Must Watch Before Buying!

Your browser does not support the video tag.

This video provides an overview of the jack stand's features, including the double-locking mechanism and ease of use. It demonstrates how to adjust the height and engage the safety pin.

Video: Torin Double Locking Steel 6 Ton Jack Stands Review

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This video offers a detailed review of the Torin 6 Ton Jack Stands, showcasing their construction, stability, and the functionality of the double-locking system.