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› BIG RED T825013S1 Torin Hydraulic Trolley Floor Jack User Manual

BIG RED T825013S1

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Model: T825013S1 | Capacity: 2.5 Ton (5,000 lb)

INTRODUCTION

This manual provides essential instructions for the safe operation, maintenance, and troubleshooting of your BIG RED T825013S1 Torin Hydraulic Trolley Floor Jack. This 2.5-ton (5,000 lb) capacity floor jack is designed for lifting vehicles for service and maintenance. Please read and understand all instructions before use to ensure safety and proper function.



Image: The BIG RED T825013S1 Hydraulic Trolley Floor Jack, red in color, with its handle detached, resting on a white background.

SAFETY INFORMATION

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

- Always use this jack on a hard, level surface.
- Do not exceed the rated capacity of 2.5 tons (5,000 lbs).
- This jack is a lifting device only. Immediately after lifting, support the vehicle with appropriate jack stands. Do not work under a vehicle supported only by a jack.
- Ensure the vehicle is in park (or gear) with the parking brake engaged and wheels chocked before lifting.
- Center the load on the saddle. Off-center loads can cause instability.
- Do not use the jack for purposes other than lifting vehicles.
- Keep hands and feet clear of moving parts.
- California 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.

WHAT'S IN THE BOX

Your BIG RED T825013S1 Hydraulic Trolley Floor Jack package includes the following components:

- 1 x 2.5-ton trolley jack
- 1 x Jack handle (multi-piece for assembly)
- 1 x Plastic blow mold carrying storage case



Image: The BIG RED T825013S1 floor jack, its handle, and the blow mold carrying case, all neatly packed.

SETUP

1. **Unpacking:** Remove all components from the carrying case.
2. **Handle Assembly:** Insert the lower handle section into the handle socket on the jack. Secure it if there's a locking mechanism (refer to specific diagrams if available). Then, attach the upper handle section to the lower section.
3. **Bleeding the Hydraulic System:**
 - Turn the release valve counter-clockwise to open it.
 - Pump the handle several times to remove any air from the hydraulic system.
 - Turn the release valve clockwise to close it.
4. **Test Operation:** Before first use, test the jack without a load. Pump the handle to raise the saddle to its maximum height, then slowly open the release valve to lower it. Ensure smooth operation.

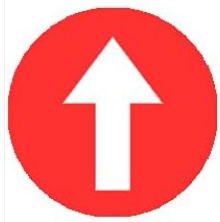
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Video: Official demonstration of the BIG RED T825013S1 Hydraulic Trolley Floor Jack in operation, showcasing its lifting capabilities.

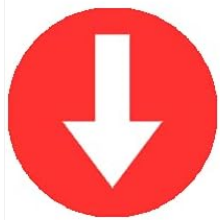
OPERATING INSTRUCTIONS

1. **Prepare the Vehicle:** Park the vehicle on a hard, level surface. Engage the parking brake and place wheel chocks on the wheels that will remain on the ground.

2. **Position the Jack:** Locate the vehicle manufacturer's recommended lifting points. Position the jack so the saddle is directly under the lifting point. Ensure the jack's wheels are free to move.
3. **Lift the Vehicle:** Turn the release valve clockwise until it is firmly closed. Pump the jack handle to raise the vehicle to the desired height. Lift only high enough to place jack stands.
4. **Secure with Jack Stands:** Immediately place appropriately rated jack stands under the vehicle's frame or designated support points. Ensure the jack stands are stable and locked.
5. **Lower onto Jack Stands:** Slowly turn the release valve counter-clockwise to lower the vehicle onto the jack stands. Once the vehicle is securely resting on the jack stands, remove the floor jack.
6. **Lowering Completely:** When ready to lower the vehicle completely, reposition the jack under the lifting point, raise the vehicle slightly to remove the jack stands, then slowly turn the release valve counter-clockwise to lower the vehicle to the ground.



**14-15/16 in.
Max. Height**



**5-5/16 in.
Min. Height**



Image: The BIG RED T825013S1 floor jack positioned under a vehicle's frame, with two red jack stands providing additional support.

MAINTENANCE

- **Lubrication:** Periodically lubricate moving parts with light grease or oil.
- **Hydraulic Oil:** Check the hydraulic oil level regularly. To do this, lower the jack completely, remove the oil filler plug, and

ensure the oil level is just below the filler hole. Use only high-quality hydraulic jack oil.

- **Cleaning:** Keep the jack clean from dirt, grease, and corrosive materials.
- **Storage:** Store the jack in its carrying case in a dry, protected area when not in use. Ensure the jack is fully lowered before storage.
- **Inspection:** Before each use, inspect the jack for any damage, leaks, or loose parts. Do not use a damaged jack.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Jack will not lift load.	Release valve open; low hydraulic oil; air in system; overloaded.	Close release valve; add hydraulic oil; bleed air from system; reduce load (do not exceed capacity).
Jack lifts slowly or erratically.	Low hydraulic oil; air in system.	Add hydraulic oil; bleed air from system.
Jack leaks fluid.	Damaged seals or components.	Contact customer support for repair or replacement.
Jack will not lower.	Release valve stuck or obstructed.	Ensure release valve is fully open; check for obstructions.

SPECIFICATIONS

Model Number: T825013S1

Load Capacity: 2.5 Ton (5,000 lb)

Minimum Lifting Height: 5.5 inches

Maximum Lifting Height: 14.13 inches

Material: Alloy Steel

Item Weight: 31.3 pounds

Item Dimensions (LxWxH): 23.5 x 10.25 x 7 inches

Color: Red

Vehicle Service Type: Car (Universal Fit)



Image: Diagram illustrating the minimum and maximum lifting heights of the BIG RED T825013S1 floor jack.

WARRANTY AND SUPPORT

This BIG RED T825013S1 Hydraulic Trolley Floor Jack includes a limited 1-year manufacturer warranty. For warranty claims, technical support, or replacement parts, please contact Torin Inc. customer service. Keep your purchase receipt for warranty validation.

For further assistance, visit the official BIG RED store on Amazon: [BIG RED Store](#).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

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

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question