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› TCE Torin ATZ830026XU Hydraulic Floor Jack and AT43202U Jack Stands User Manual

TCE ATZ830026XU, AT43202U

TCE Torin ATZ830026XU Hydraulic Floor Jack and AT43202U Jack Stands User Manual

Model: ATZ830026XU (Floor Jack), AT43202U (Jack Stands)

INTRODUCTION

This manual provides essential instructions for the safe and effective operation, maintenance, and troubleshooting of your TCE Torin ATZ830026XU Hydraulic Floor Jack and AT43202U Steel Jack Stands. Please read this manual thoroughly before use to ensure proper handling and to prevent injury or damage.

The TCE Torin ATZ830026XU is a 3-ton (6,000 lb) capacity low-profile hydraulic floor jack designed for general and specialty automotive service. It features a dual-piston quick lift pump and a wide lifting range. The AT43202U steel jack stands are designed to safely support vehicles after they have been lifted by a jack, providing a stable and secure working environment.



An image displaying the blue TCE Torin ATZ830026XU hydraulic floor jack and two blue AT43202U steel jack stands. The floor jack is positioned above the jack stands, showcasing the complete set.

SAFETY INFORMATION

WARNING: Failure to heed these warnings may result in personal injury and/or property damage.

- Always read and understand the entire manual before operating the jack or jack stands.
- Do not exceed the rated capacity of 3 tons (6,000 lb) for either the floor jack or the jack stands.
- Use only on a hard, level surface.
- Never work under a vehicle supported only by a floor jack. Always use jack stands to support the vehicle once it is lifted.
- Ensure the vehicle is in park (or gear for manual transmission) and the parking brake is engaged. Block wheels that are not being lifted.
- Center the load on the jack saddle and jack stand saddle. Off-center loads can cause instability.
- Do not modify the jack or jack stands.
- Wear appropriate safety gear, including eye protection.
- Keep hands and feet clear of moving parts.
- The floor jack is a lifting device only; it is not designed to sustain a load. Immediately transfer the load to appropriately rated jack stands.
- Ensure the safety overload system is functioning correctly. Do not bypass it.

COMPONENTS INCLUDED

- TCE Torin ATZ830026XU Hydraulic Floor Jack (1 unit)
- TCE Torin AT43202U Steel Jack Stands (1 pair)
- Operating Handle (for floor jack)

SETUP

Floor Jack Assembly and Preparation

1. **Handle Assembly:** Insert the handle into the handle socket on the floor jack. Secure it according to the specific design (e.g., tightening a set screw or aligning a pin).
2. **Bleeding the Hydraulic System:** Before first use, or if the jack has been stored for an extended period, it may be necessary to bleed air from the hydraulic system.
 - Turn the handle counter-clockwise to open the release valve.
 - Pump the handle vigorously 10-15 times to expel any trapped air.
 - Turn the handle clockwise to close the release valve.
 - Test the jack by raising and lowering it a few times without a load.

Jack Stands Preparation

Ensure the adjustable pin is securely attached to each jack stand and that the ratchet mechanism (if applicable) moves freely. Familiarize yourself with the locking mechanism for height adjustment.

OPERATING INSTRUCTIONS

Lifting a Vehicle with the Floor Jack

1. **Prepare the Vehicle:** Park the vehicle on a hard, level surface. Engage the parking brake and place the transmission in park (or lowest gear for manual). Block the wheels that will remain on the ground.
2. **Position the Jack:** Locate the manufacturer-recommended lifting points on your vehicle's frame or chassis. Position the floor jack so the saddle is directly under the lifting point. Ensure the foam bumper on the handle is clear of the vehicle body to prevent damage.
3. **Raise the Vehicle:** Turn the handle clockwise to close the release valve. Pump the handle to raise the vehicle to the desired height. Lift only high enough to allow the jack stands to be placed.
4. **Place Jack Stands:** Once the vehicle is lifted, immediately place the jack stands under the manufacturer-recommended support points. Adjust the jack stands to the appropriate height, ensuring they are securely locked in place.
5. **Lower onto Jack Stands:** Slowly turn the handle counter-clockwise to open the release valve, allowing the vehicle to gently lower onto the jack stands. Ensure the vehicle is stable and fully supported by the jack stands before removing the floor jack.
6. **Remove Floor Jack:** Once the vehicle is safely resting on the jack stands, remove the floor jack.

Lowering a Vehicle

1. **Reposition Floor Jack:** Place the floor jack saddle under the vehicle's lifting point, adjacent to the jack stands.
2. **Slightly Lift Vehicle:** Turn the handle clockwise to close the release valve and pump the handle to lift the vehicle just enough to take the weight off the jack stands.
3. **Remove Jack Stands:** Carefully remove the jack stands from under the vehicle.
4. **Lower Vehicle:** Slowly turn the handle counter-clockwise to open the release valve, allowing the vehicle to descend gradually to the ground. Once fully lowered, remove the floor jack.

MAINTENANCE

- **Lubrication:** Periodically lubricate moving parts of the floor jack, such as the pivot points and casters, with light machine oil.
- **Hydraulic Oil:** Check the hydraulic oil level periodically. If low, refill with a high-quality hydraulic jack

oil. Do not use brake fluid or other fluids.

- **Cleaning:** Keep the jack and jack stands clean and free of dirt, grease, and corrosive materials.
- **Inspection:** Before each use, inspect both the floor jack and jack stands for any signs of damage, wear, or deformation. Do not use if damaged.
- **Storage:** Store the floor jack and jack stands in a clean, dry place, preferably in their lowest position to protect the hydraulic cylinder.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Jack will not lift load.	Release valve open; Low hydraulic oil; Air in system; Overload.	Close release valve; Check/refill oil; Bleed system; Do not exceed capacity.
Jack lifts slowly or erratically.	Air in system; Low hydraulic oil; Worn seals.	Bleed system; Check/refill oil; Contact service for seal replacement.
Jack will not hold load.	Release valve not fully closed; Internal leak; Overload.	Ensure valve is closed; Contact service; Do not exceed capacity.
Jack stands unstable.	Uneven surface; Improper load placement; Damaged stand.	Use on level surface; Center load; Do not use if damaged.

SPECIFICATIONS

Feature	TCE Torin ATZ830026XU Hydraulic Floor Jack	TCE Torin AT43202U Steel Jack Stands (Pair)
Model Number	ATZ830026XU	AT43202U
Load Capacity	3 Ton (6,000 lb)	3 Ton (6,000 lb)
Lifting Range	3-1/8" to 20"	12-5/8" to 18-1/8"
Material	Heavy Duty Steel	Heavy Duty Steel
Features	Low Profile, Dual Piston Quick Lift, Foam Bumper, Safety Overload System, (2) Large Steel Casters, (2) 360-degree Swivel Casters	Welded Steel Construction, Large Chassis Design, Adjustable Pin
Color	Blue	Blue

Combined Item Weight: Approximately 73 pounds

Package Dimensions: Approximately 30 x 15 x 7 inches

Automotive Fit Type: Universal Fit

WARRANTY AND SUPPORT

The TCE Torin ATZ830026XU Hydraulic Floor Jack includes a limited 2-year manufacturer warranty. For

specific warranty details regarding the AT43202U Steel Jack Stands, please refer to the documentation provided with the product or contact the manufacturer directly.

For technical assistance, parts, or warranty claims, please contact TCE customer service. Refer to the product packaging or manufacturer's website for the most current contact information.