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TRESKO TKWH

TRESKO 3T Hydraulic Floor Jack User Manual

Introduction

This manual provides essential information for the safe and effective operation and maintenance of your TRESKO 3T Hydraulic Floor Jack. Please read this manual thoroughly before use and keep it for future reference. This hydraulic jack is designed for lifting vehicles up to 3000 kg (3 tonnes) with a flexible lifting range of 75 mm to 510 mm, featuring a double piston system for efficient operation and 360° swivel wheels for easy maneuverability.

Safety Instructions

WARNING: Failure to follow these instructions may result in serious injury or property damage.

- Always ensure the jack is placed on a firm, level surface capable of supporting the load.
- Never exceed the rated capacity of 3 tonnes (3000 kg).
- Do not use the jack for purposes other than lifting vehicles.
- Always use jack stands to support the vehicle after lifting. Never work under a vehicle supported only by a hydraulic jack.
- Ensure the vehicle's parking brake is engaged and wheels are chocked before lifting.
- Center the load on the jack saddle. Off-center loads can cause instability.
- Keep hands and feet clear of the jack's moving parts and the vehicle during lifting and lowering.
- Lower the vehicle slowly and carefully.
- Wear appropriate personal protective equipment, including safety gloves and eye protection.
- Do not modify the jack in any way.
- If the jack shows signs of damage or malfunction, do not use it. Contact customer support.

Package Contents

Verify that all items listed below are present in your package:

- 1x TRESKO 3T Hydraulic Floor Jack

- 1x Lifting Bar (handle)
- 2x Rubber Pads (for vehicles with or without lifting points)
- 1x Protective Mat (knee pad)
- 1x Pair of Work Gloves
- 1x Tread Depth Gauge



Figure 1: Included accessories with the TRESKO 3T Hydraulic Floor Jack. The set includes the lifting bar, the jack itself, a protective mat, two rubber pads, work gloves, and a tire tread depth gauge.

Specifications

Feature	Specification
Brand	TRESKO
Model Number	TKWH
Lifting Capacity	3000 kg (3 Tonnes)
Minimum Lifting Height	75 mm
Maximum Lifting Height	510 mm
Material	High Carbon Steel
Item Weight	29.9 kg
Dimensions (L x W x H)	Approx. 78 x 42 x 19 cm
Vehicle Service Type	Cars, SUVs, Vans, Sports Cars, Electric Cars



Figure 2: Technical drawing showing the dimensions and weight capacity of the TRESKO 3T Hydraulic Floor Jack. It highlights a gross weight of 30.7 kg and a load capacity of up to 3 tonnes.



Figure 3: The TRESKO 3T Hydraulic Floor Jack is suitable for a wide range of vehicles, including compact cars (e.g., VW Polo, Fiat 500), sedans (e.g., BMW 3 Series, Audi A4), SUVs (e.g., VW Tiguan, Ford Kuga), vans (e.g., VW T6, Mercedes Vito), sports cars (due to its flat design), and electric cars. A minimum ground clearance of 8.5 cm is required.

Setup

1. **Unpacking:** Carefully remove all components from the packaging. Inspect the jack for any signs of damage during transit.
2. **Handle Assembly:** Insert the two parts of the lifting bar (handle) together. Then, insert the assembled handle into the handle socket on the jack. Ensure it is securely seated.
3. **Initial Operation (Bleeding Air):** Before first use, it is recommended to bleed any air from the hydraulic system. To do this:
   - Turn the release valve (usually by twisting the handle clockwise) to the fully open position.
   - Pump the handle several times to expel any trapped air.
   - Close the release valve by twisting the handle counter-clockwise.
4. **Placement of Rubber Pads:** Select the appropriate rubber pad for your vehicle's lifting points. Place it securely on the jack's saddle.



Figure 4: The lifting handle features a quick-release system for easy assembly. The image also shows the included safety gloves and knee pad for comfortable and safe operation.

Operating Instructions

1. **Preparation:**
   - 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.
   - Consult your vehicle's owner's manual to locate the correct lifting points.
2. **Positioning the Jack:** Roll the jack under the vehicle, aligning the rubber pad on the jack saddle with the designated lifting point. Ensure the jack is stable and the load is centered.
3. **Lifting the Vehicle:**
   - Close the release valve by twisting the handle counter-clockwise until it is firm.
   - Pump the handle up and down to raise the jack. Continue pumping until the vehicle reaches the desired height.
   - The double piston technology ensures quick and efficient lifting.
4. **Securing the Vehicle:** Immediately after lifting, place appropriately rated jack stands under the vehicle's designated support points. Slowly lower the vehicle onto the jack stands by gradually turning the release valve clockwise. Ensure the vehicle is securely resting on the jack stands before performing any work.
5. **Lowering the Vehicle:**
   - Raise the vehicle slightly with the hydraulic jack to remove the jack stands.
   - Once the jack stands are removed, slowly turn the release valve clockwise to gradually lower the vehicle to the ground.
   - After the vehicle is fully lowered, remove the jack from underneath.



Figure 5: The jack offers a flexible lifting height from 7.5 cm to 51 cm, making it suitable for vehicles with low ground clearance and higher body types. It also features a durable, scratch-resistant coating.



Figure 6: The jack incorporates an efficient double piston system for optimized lifting force and a secure grip with double screws. Its anti-deformation double-layer base plate ensures stability and longevity.

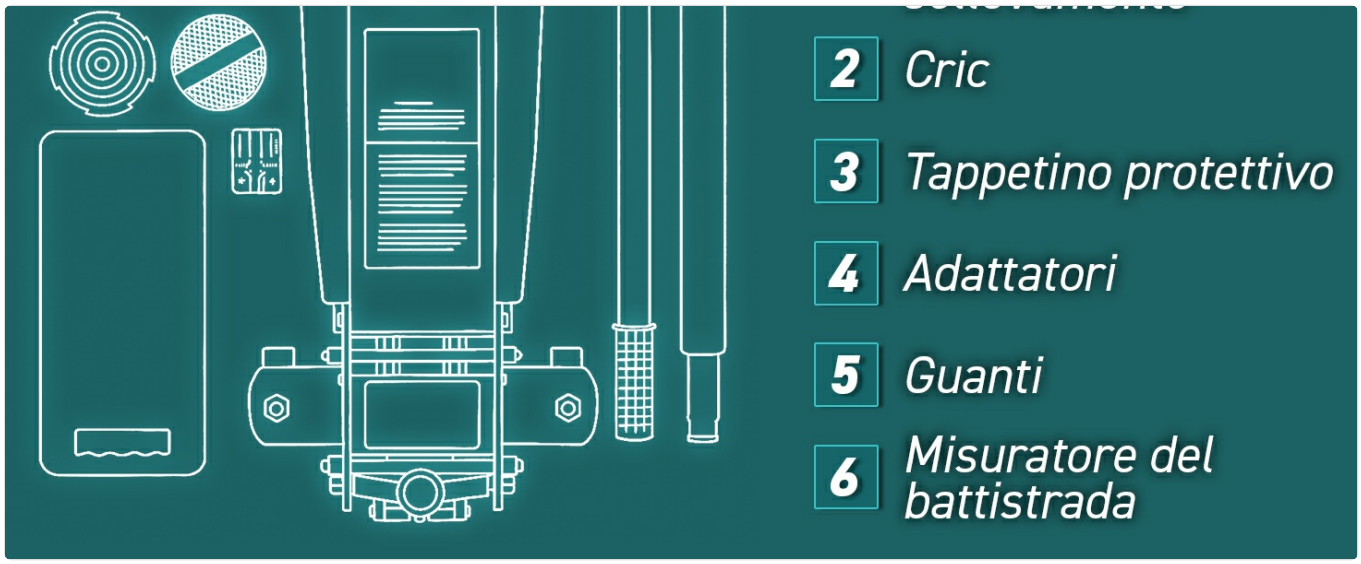


Figure 7: The TRESKO 3T Hydraulic Floor Jack is equipped with 360-degree swivel wheels for easy steering and maneuverability. It also features a convenient integrated tray for holding screws and small parts during work.

Maintenance

- **Cleaning:** Keep the jack clean and free from dirt, grease, and corrosive materials. Wipe down with a clean cloth after each use.
- **Lubrication:** Periodically lubricate moving parts with light machine oil.
- **Hydraulic Fluid:** Check the hydraulic fluid level regularly. If the fluid level is low, refill with a high-quality hydraulic jack oil. Do not use brake fluid or other types of oil.
- **Storage:** Store the jack in a dry, clean place with the ram fully retracted to prevent corrosion and extend seal life.
- **Inspection:** Before each use, inspect the jack for any signs of damage, leaks, or wear. Do not use a damaged jack.

Troubleshooting

Problem	Possible Cause	Solution
Jack does not lift to full height.	Low hydraulic fluid level; Air in the system.	Check and refill hydraulic fluid; Bleed air from the system (refer to Setup section).
Jack lifts slowly or with difficulty.	Overload; Low hydraulic fluid; Air in the system.	Ensure load does not exceed 3 tonnes; Check and refill hydraulic fluid; Bleed air from the system.
Jack leaks hydraulic fluid.	Damaged seals; Loose fittings.	Discontinue use immediately. Contact customer support for repair or replacement.
Jack lowers under load.	Release valve not fully closed; Internal seal failure.	Ensure release valve is fully closed; If problem persists, discontinue use and contact customer support.

Warranty and Support

TRESKO products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please contact your retailer or the manufacturer directly. Keep your purchase receipt as proof of purchase.

Manufacturer: DWD-Company GmbH & Co. KG

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