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TRESKO TKWH

TRESKO 2.5 Ton Hydraulic Floor Jack User Manual

Model: TKWH

1. Introduction

This manual provides essential information for the safe and effective operation and maintenance of your TRESKO 2.5 Ton Hydraulic Floor Jack. Please read all instructions carefully before use to ensure proper function and prevent injury or damage.

Safety Warnings

- **Never exceed the rated capacity of 2.5 tons (2500 kg).**
- Use only on a hard, level surface.
- Always use jack stands to support the vehicle after lifting. Do not rely solely on the jack.
- Ensure the vehicle's parking brake is engaged and wheels are chocked before lifting.
- Do not work under a vehicle supported only by the jack.
- Keep hands and feet clear of moving parts.
- Wear appropriate personal protective equipment, including gloves and eye protection.

2. Product Overview

The TRESKO 2.5 Ton Hydraulic Floor Jack is designed for lifting vehicles up to 2500 kg. It features a low-profile design, 360° swivel castors, and a robust construction for durability and ease of use.

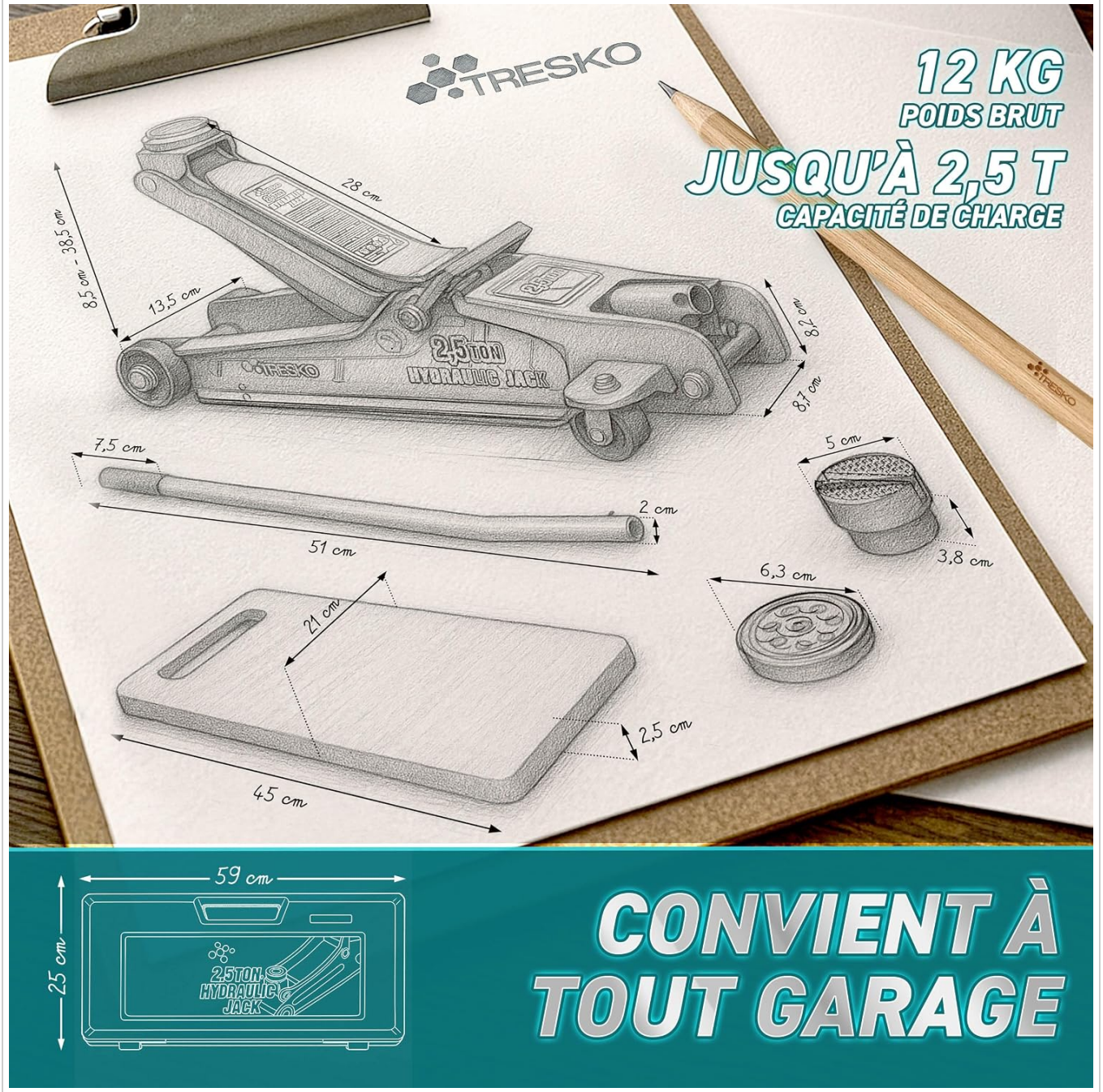

Figure 2.1: Product diagram showing the jack, lifting bar, rubber pads, knee pad, and transport case with key dimensions and weight capacity.



Figure 2.2: The complete set includes the lifting bar, hydraulic jack, protection mat, adapters (rubber pads), gloves, and a transport case. A tire tread depth gauge is also included.

Key Features:

- **Lifting Capacity:** Up to 2.5 tons (2500 kg).
- **Lifting Height Range:** 85 mm to 385 mm (3.35 inches to 15.16 inches).
- **Low Profile Design:** Suitable for vehicles with low ground clearance (minimum 7.5 cm).
- **Hydraulic Technology:** Ensures fast, powerful, and smooth lifting.
- **Maneuverability:** 360° swivel castors for easy positioning.
- **Durable Construction:** Made from high-quality powder-coated steel with anti-scratch coating.
- **Accessories:** Includes 2 rubber pads, knee pad, gloves, and a transport case.

3. Setup

Before using the hydraulic floor jack, ensure all components are present and in good condition.

Unpacking and Initial Inspection:

1. Remove the jack and all accessories from the transport case.
2. Inspect the jack for any signs of damage during shipping. Do not use if damaged.
3. Ensure the hydraulic fluid level is adequate (refer to maintenance section).

Handle Assembly:

1. Insert the two parts of the lifting bar together.
2. Insert the assembled lifting bar into the handle socket on the jack.
3. Ensure the handle is securely seated.



Figure 3.1: The anti-slip handle provides a secure grip during operation. Always use the included gloves and knee pad for comfort and safety.



Figure 3.2: The jack offers a flexible lifting height from 8.5 cm to 38.5 cm. Use the appropriate rubber pad for your vehicle's lifting point: one for older vehicles with a fold, and another for vehicles with a flat and wide lifting point.

4. Operation

Preparing the Vehicle:

1. Park the vehicle on a hard, level surface.
2. Engage the parking brake.
3. Place wheel chocks on the wheels that will remain on the ground.
4. Locate the vehicle's designated lifting points (refer to your vehicle's owner's manual).

Lifting the Vehicle:

1. Ensure the release valve is fully closed by turning the handle clockwise until tight.
2. Position the jack's saddle directly under the vehicle's lifting point. Use the appropriate rubber pad.

3. Pump the handle up and down to raise the vehicle to the desired height.
4. Once the vehicle is lifted, immediately place appropriately rated jack stands under the vehicle's designated support points.
5. Slowly lower the vehicle onto the jack stands by gently turning the release valve counter-clockwise.

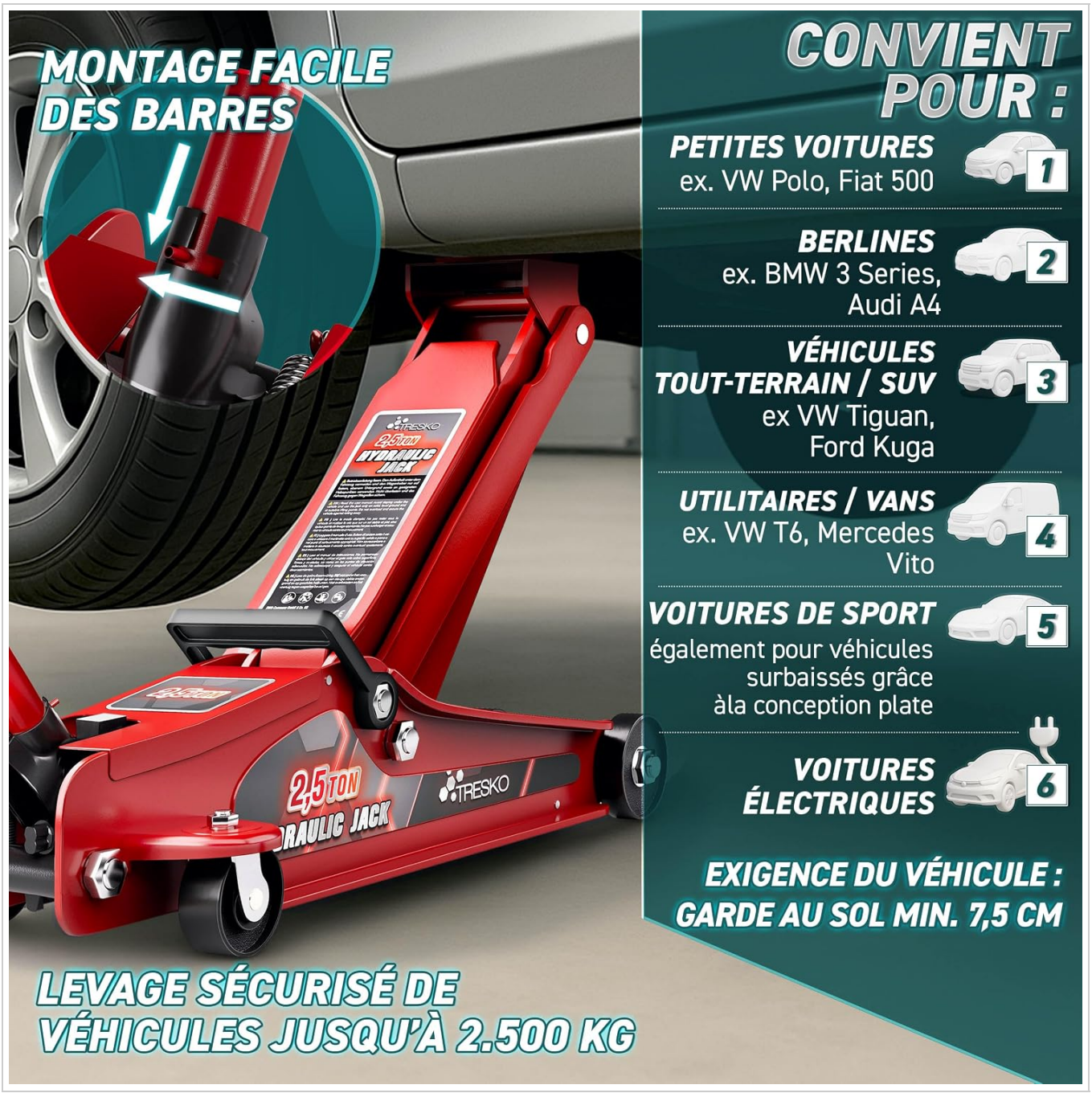

Figure 4.1: The jack is suitable for lifting various vehicle types, including small cars, sedans, SUVs, vans, sports cars (due to its flat design), and electric cars, provided the minimum ground clearance of 7.5 cm is met.

Lowering the Vehicle:

1. Slightly raise the vehicle off the jack stands by pumping the jack handle.
2. Remove the jack stands.
3. Slowly turn the release valve counter-clockwise to lower the vehicle smoothly to the ground.
4. Once the vehicle is fully lowered, remove the jack.



Figure 4.2: The jack features a practical lowering function and 360° swivel castors for easy movement and precise positioning. It also includes a transport case for convenient storage.

5. Maintenance

Regular maintenance ensures the longevity and safe operation of your hydraulic floor jack.

General Care:

- Keep the jack clean and free from dirt, grease, and debris.
- Store the jack in a dry, protected area, preferably in its transport case.
- Inspect the jack before each use for any signs of wear, damage, or leaks.

Hydraulic Fluid:

- Check the hydraulic fluid level periodically.
- To check, ensure the jack is fully lowered and on a level surface. Remove the oil filler plug. The fluid level should

be just below the filler hole.

- If low, add high-quality hydraulic jack oil. Do not overfill.
- Never use brake fluid, alcohol, glycerin, detergent, or dirty oil, as this can damage the seals and internal components.

Lubrication:

- Lubricate all moving parts and pivot points with light machine oil monthly or as needed.

6. Troubleshooting

This section addresses common issues you might encounter with your hydraulic floor jack.

Problem	Possible Cause	Solution
Jack will not lift	Release valve open; Low hydraulic fluid; Air in system; Overload	Close release valve; Add hydraulic fluid; Purge air from system; Reduce load (do not exceed capacity)
Jack lifts slowly or erratically	Low hydraulic fluid; Air in system; Worn seals	Add hydraulic fluid; Purge air from system; Contact customer support for seal replacement
Jack leaks fluid	Loose fittings; Damaged seals	Tighten fittings; Contact customer support for seal replacement
Jack will not lower	Release valve stuck; Obstruction	Check and free release valve; Remove any obstructions

If you encounter problems not listed here or if the suggested solutions do not resolve the issue, please contact TRESKO customer support.

7. Specifications

Feature	Specification
Brand	TRESKO
Model Number	TKWH
Lifting Capacity	2.5 tons (2500 kg)
Minimum Lifting Height	85 mm
Maximum Lifting Height	385 mm
Material	High-carbon steel
Item Weight	14.2 kg
Color	Red
Vehicle Service Type	Car, SUV, Van, Electric Car

8. Warranty and Support

TRESKO products are manufactured to high-quality standards and are guaranteed against manufacturing defects. For warranty claims or technical support, please contact the retailer or manufacturer directly.
Please retain your proof of purchase for any warranty claims.

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