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TRESKO TKWH

TRESKO 2.5 Ton Hydraulic Floor Jack (Model TKWH)

Instruction Manual

1. Introduction

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your TRESKO 2.5 Ton Hydraulic Floor Jack, Model TKWH. This hydraulic jack is designed for lifting vehicles up to 2500 kg (2.5 tons) with a flexible lifting height range of 85 mm to 385 mm. Its low-profile design makes it suitable for a wide range of vehicles, including lowered cars, small cars, sedans, SUVs, vans, sports cars, and electric vehicles.
The jack features 360° swivel wheels for easy maneuverability and a robust, powder-coated steel construction for durability. Please read this manual thoroughly before initial use to ensure proper handling and to prevent injury or damage.



Figure 1: Vehicle compatibility for the TRESKO 2.5 Ton Hydraulic Floor Jack.

2. Safety Instructions

WARNING: Failure to follow these safety instructions may result in serious injury or death.

- Always read and understand the entire instruction manual before operating the hydraulic jack.
- Never exceed the rated load capacity of 2.5 tons (2500 kg).
- Use the jack only on a hard, level, and stable surface. Avoid uneven ground, soft surfaces, or inclines.
- Ensure the vehicle's parking brake is engaged and the wheels not being lifted are chocked or blocked.
- Locate the vehicle manufacturer's recommended lifting points before positioning the jack. Use the provided rubber pads to protect the vehicle's chassis.
- Once the vehicle is lifted, immediately support it with appropriate jack stands.**NEVER work under a vehicle supported only by a hydraulic jack.**
- Keep hands, feet, and other body parts clear of the jack's moving parts and the vehicle during lifting and lowering operations.

- Do not modify the jack or use it for purposes other than lifting vehicles.
- Inspect the jack for damage, leaks, or wear before each use. Do not use a damaged jack.
- Wear appropriate personal protective equipment, such as the included non-slip work gloves and knee pad, during operation.



Figure 2: Using the jack with included safety accessories like gloves and knee pad.

3. Package Contents

Your TRESKO 2.5 Ton Hydraulic Floor Jack package includes the following items:

- 1x TRESKO 2.5 Ton Hydraulic Floor Jack
- 1x Robust Non-Slip Lifting Bar (handle)
- 1x Carrying Case
- 2x Rubber Pads (one for vehicles with grooves, one for flat lifting points)
- 1x Knee Pad

- 1x Pair of Non-Slip Work Gloves
- 1x Tire Tread Depth Gauge



Figure 3: All included components of the TRESKO Hydraulic Jack kit.

4. Setup

1. **Unpacking:** Carefully remove all components from the carrying case and inspect them for any shipping damage.
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. **Bleeding the Hydraulic System (Initial Use):** Before first use, it is recommended to bleed any air from the hydraulic system. To do this:
    - Turn the release valve (located at the base of the handle socket) counter-clockwise to fully open it.
    - Pump the handle vigorously 10-15 times.
    - Turn the release valve clockwise to close it. The jack is now ready for use.

4. **Check Hydraulic Fluid:** Periodically check the hydraulic fluid level. Refer to the maintenance section for details.

5. Operating Instructions

5.1. Preparing the Vehicle

1. Park the vehicle on a hard, level, and stable surface.
2. Engage the vehicle's parking brake.
3. Place wheel chocks or blocks on the wheels that will remain on the ground to prevent accidental movement.

5.2. Lifting the Vehicle

1. Position the jack directly under the vehicle manufacturer's recommended lifting point. Use one of the provided rubber pads on the jack's saddle to protect the vehicle's undercarriage.
2. Ensure the release valve is fully closed by turning the handle clockwise until it is tight.
3. Pump the handle up and down to raise the jack's saddle until it makes contact with the vehicle's lifting point.
4. Continue pumping the handle to lift the vehicle to the desired height. Do not lift higher than necessary.
5. Once the vehicle is lifted, immediately place appropriately rated jack stands under the vehicle's designated support points.
6. Slowly turn the release valve counter-clockwise to lower the vehicle onto the jack stands. Ensure the vehicle is securely resting on the jack stands before proceeding.

5.3. Lowering the Vehicle

1. If the vehicle is on jack stands, first use the hydraulic jack to slightly lift the vehicle off the jack stands.
2. Carefully remove the jack stands from under the vehicle.
3. Slowly turn the release valve counter-clockwise to gradually lower the vehicle to the ground. Control the lowering speed by adjusting how much you open the valve.
4. Once the vehicle is fully lowered, turn the release valve clockwise to close it and remove the jack from under the vehicle.



Figure 4: Flexible lifting height and interchangeable rubber pads.



Figure 5: Jack maneuverability and controlled lowering mechanism.

6. Maintenance

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

1. **Cleaning:** Keep the jack clean and free of dirt, grease, and debris. Wipe down all surfaces after each use.
2. **Lubrication:** Periodically lubricate all moving parts, such as the wheels and pivot points, with light machine oil.
3. **Hydraulic Fluid Check:** With the jack fully lowered and on a level surface, remove the oil filler plug. The fluid level should be just below the filler hole. If low, top up with a high-quality hydraulic jack oil. Do not overfill.
4. **Inspection:** Regularly inspect the jack for any signs of damage, wear, or leaks. Pay close attention to the hydraulic cylinder, hoses, and seals. If any damage is found, do not use the jack and seek professional repair.
5. **Storage:** Store the jack in its carrying case in a clean, dry, and safe place, away from extreme temperatures and corrosive environments. Ensure the jack is fully lowered before storage.



Figure 6: Ergonomic handle and durable electrostatic coating for enhanced protection.

7. Troubleshooting

Below are common issues and their potential solutions:

Problem	Possible Cause	Solution
Jack does not lift or lifts slowly.	Air in hydraulic system, low hydraulic fluid, overload.	Bleed the hydraulic system (see Setup). Check and top up hydraulic fluid. Ensure load does not exceed 2.5 tons.
Jack lowers under load.	Release valve not fully closed, internal leak, worn seals.	Ensure release valve is tightly closed. If problem persists, discontinue use and seek professional repair.
Jack does not lower completely.	Release valve partially blocked, internal issue.	Ensure release valve is fully open. Check for obstructions. If problem persists, seek professional repair.

8. Specifications

Feature	Specification
Brand	TRESKO
Item Model Number	TKWH
Style	Hydraulic
Color	Blue
Material	High Carbon Steel
Load Capacity	2.5 Tons (2500 kg)
Minimum Lifting Height	85 mm (8.5 cm)
Maximum Lifting Height	385 mm (38.5 cm)
Vehicle Service Type	Truck, SUV, Car
Automotive Fit Type	Vehicle Specific Fit
Package Dimensions	78 x 42 x 19 cm
Item Weight	30 Kilograms

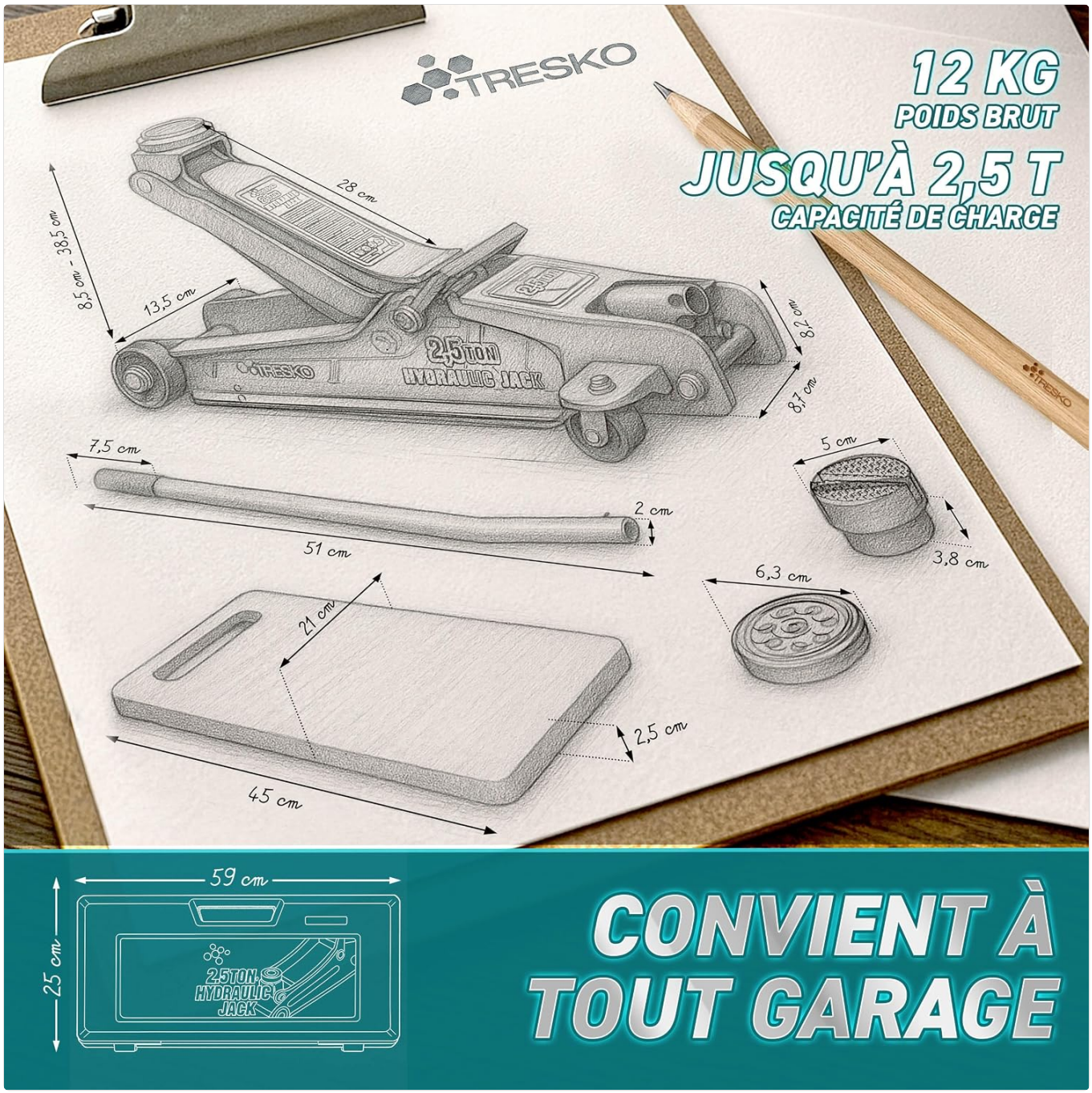

Figure 7: Detailed dimensions of the TRESKO Hydraulic Jack and its components.

9. Warranty and Support

For warranty information, technical support, or inquiries regarding your TRESKO Hydraulic Floor Jack, please contact the seller or manufacturer directly. Retain your proof of purchase for any warranty claims.

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