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Cartrend 7740014

Cartrend Hydraulic Trolley Jack 7740014, 2 Ton Capacity User Manual

Model: 7740014 | Brand: Cartrend

1. INTRODUCTION AND PRODUCT OVERVIEW

This manual provides essential instructions for the safe and effective use of your Cartrend Hydraulic Trolley Jack 7740014. Designed for workshop and agricultural applications, this robust 2-ton capacity jack is constructed from high-quality steel, ensuring stability and durability. It features a continuously adjustable lowering mechanism, high-quality wheels (two fixed, two 360° movable), and an integrated carrying handle for enhanced mobility and ease of transport. The jack is TÜV and GS certified, confirming its safety and reliability.



Image 1.1: The Cartrend Hydraulic Trolley Jack 7740014, showcasing its main body and two-part operating handle.

2. SAFETY INSTRUCTIONS

Always prioritize safety when operating hydraulic lifting equipment. Failure to follow these instructions may result in serious injury or property damage.

- **Read the Manual:** Before operating the jack, thoroughly read and understand all instructions and warnings in this manual.
- **Maximum Capacity:** Never exceed the maximum rated lifting capacity of 2 tons (2000 kg).
- **Stable Surface:** Use the jack only on a hard, level, and stable surface capable of supporting the load. Avoid soft ground or uneven surfaces.
- **Use Jack Stands:** After lifting a vehicle, always support it immediately with appropriate jack stands before performing any work. Never rely solely on the hydraulic jack for support.
- **Clearance:** Keep hands, feet, and other body parts clear of moving parts and the area under the lifted load.
- **Vehicle Stability:** Ensure the vehicle is in park (or gear for manual transmission), the parking brake is engaged, and the wheels not being lifted are chocked.
- **Regular Inspection:** Inspect the jack for damage, leaks, or wear before each use. Do not use a damaged jack.
- **Proper Storage:** Store the jack in a clean, dry place, fully lowered, when not in use.



Image 2.1: The Cartrend Hydraulic Trolley Jack is TÜV SÜD and GS certified for safety.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon unpacking.

- Cartrend Hydraulic Trolley Jack (Model 7740014)
- Two-part Operating Handle



Image 3.1: The Cartrend Hydraulic Trolley Jack as it appears in its packaging.

4. SETUP

Follow these steps for initial setup before first use.

1. **Handle Assembly:** Insert the smaller section of the operating handle into the larger section, ensuring it clicks securely into place. Then, insert the assembled handle into the jack's pump mechanism.
2. **Bleeding the Hydraulic System (Initial Use):** To ensure proper operation, it is recommended to bleed any air from the hydraulic system before first use. To do this, open the release valve by turning the handle counter-clockwise. Pump the handle several times to its full extent. Close the release valve by turning the handle clockwise. The jack should now be ready for use.



Image 4.1: The Cartrend Hydraulic Trolley Jack with its assembled operating handle.

5. OPERATING INSTRUCTIONS

Always follow safety guidelines before and during operation.

1. **Prepare the Vehicle:** Park the vehicle on a hard, level surface. Engage the parking brake and place the transmission in park (or first gear for manual). Chock the wheels that will remain on the ground.
2. **Position the Jack:** Locate the manufacturer-recommended lifting points on your vehicle. Position the jack saddle directly under the lifting point. Ensure the jack is stable and not at an angle.
3. **Lift the Vehicle:** Close the release valve by turning the operating handle clockwise until it is firm. Pump the operating handle up and down to raise the jack saddle. Continue pumping until the vehicle is lifted to the desired height. Do not lift higher than necessary.
4. **Secure with Jack Stands:** Immediately place appropriately rated jack stands under the vehicle's designated support points. Slowly lower the vehicle onto the jack stands by gradually turning the operating handle counter-clockwise to open the release valve. Once the vehicle is securely resting on the jack stands, remove the hydraulic jack.
5. **Lower the Vehicle:** When work is complete, carefully raise the vehicle slightly with the hydraulic jack to remove the jack stands. Once jack stands are removed, slowly open the release valve by turning the operating handle counter-clockwise to lower the vehicle completely to the ground. Remove the jack once

the vehicle is fully lowered.



Image 5.1: The jack in use, demonstrating its 2-ton lifting capability for tasks like tire changes.

6. MAINTENANCE

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

- **Hydraulic Fluid:** Check the hydraulic fluid level periodically. If low, refill with a high-quality hydraulic jack oil. Do not use brake fluid or other non-specified fluids.
- **Lubrication:** Lubricate all moving parts, such as pivot points and wheels, with light machine oil as needed.
- **Cleaning:** Keep the jack clean and free from dirt, grease, and debris. Wipe down the ram and pump mechanism after each use.
- **Storage:** Store the jack in a dry, protected area, fully lowered, to prevent corrosion and damage.

7. TROUBLESHOOTING

Refer to this section for common issues and their potential solutions.

- **Jack does not lift or lifts slowly:**

- Check hydraulic fluid level and refill if necessary.
- Bleed air from the hydraulic system (refer to Section 4).
- Ensure the release valve is fully closed.

• **Jack lowers too quickly or does not hold load:**

- Ensure the release valve is fully closed.
- Check for hydraulic fluid leaks. If a leak is present, discontinue use and seek professional repair.
- Internal seal failure may require professional service.

• **Difficulty moving the jack:**

- Check wheels for obstructions or damage.
- Lubricate wheel axles if necessary.

If problems persist after attempting these solutions, contact a qualified service technician for assistance.

8. SPECIFICATIONS

Feature	Specification
Manufacturer	Cartrend
Brand	Cartrend
Model	7740014
Item Weight	1 Kilograms
Product Dimensions (L x W x H)	48.8 x 21.8 x 14.8 cm
Finish	Lacquered
Load Capacity	2 Tons
Maximum Lifting Height	342 Millimeters
Minimum Height	135 Millimeters
Material	Alloy Steel
Color	Blue
Special Features	2 Ton capacity, particularly robust design



Image 8.1: Visual representation of the jack's variable lifting height, from 135mm to 340mm.

9. WARRANTY AND SUPPORT

Cartrend products are manufactured to high-quality standards. For specific warranty information, please refer to the documentation included with your purchase or visit the official Cartrend website. For technical support or service inquiries, please contact Cartrend customer service through their official channels.

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