

LARBANKE 2.5T Floor Jack

LARBANKE 2.5T Floor Jack Instruction Manual

Model: 2.5T Floor Jack

1. INTRODUCTION

Thank you for choosing the LARBANKE 2.5T Floor Jack. This hydraulic floor jack is designed for safe and efficient lifting of vehicles up to 2.5 tons (5500 lbs). Its low-profile design and wide lifting range make it suitable for various cars, SUVs, and light trucks. Please read this manual thoroughly before operation to ensure proper use, maintenance, and safety.

2. 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 using this product.
- Do not exceed the rated capacity of 2.5 tons (5500 lbs).
- Use only on a hard, level surface.
- Immediately after lifting, support the vehicle with appropriate jack stands. Do not work under a vehicle supported only by a floor jack.
- Ensure the vehicle's parking brake is engaged and wheels are chocked before lifting.
- Center the load on the saddle. Off-center loads can cause instability.
- Do not use the jack for purposes other than lifting vehicles.
- Keep hands and feet clear of moving parts and the vehicle during lifting and lowering.
- Wear appropriate personal protective equipment, such as safety glasses and gloves.
- Do not modify the jack or use unauthorized attachments.
- Inspect the jack before each use for damage, leaks, or loose parts. Do not use if damaged.

3. PACKAGE CONTENTS

Verify that all components are present before assembly and operation.

- LARBANKE 2.5T Floor Jack
- Detachable Extended Handle (2 sections)

4. PRODUCT FEATURES

- **Rapid Lifting:** Achieves a lifting range from 3.35 inches to 15.16 inches, suitable for low-profile vehicles.
- **High Bearing Capacity:** Constructed from high-strength thick carbon steel, supporting up to 2.5 tons.
- **Conspicuous Reflective Strip:** Equipped with high-gloss reflective tape on both sides for enhanced visibility in low-light conditions.
- **Flexible Mobility:** Features 2 stable steel fixed wheels and 2 360° universal rotating wheels for easy positioning.
- **Dual Handle Configuration:** Includes a portable handle and a detachable extended handle for convenience and improved work efficiency.
- **Safe and Stable Design:** Wide saddle design provides excellent stability and protects the vehicle's chassis during lifting.



Image: Overview of the LARBANKE 2.5T Floor Jack's key features, including the reflective tape, portable handle, large saddle, swivel casters, and safety valve.

5. SETUP

Before first use, ensure the jack is properly assembled and prepared.

1. **Handle Assembly:** Connect the two sections of the extended handle. Insert the assembled handle into the handle socket on the jack. Rotate the handle to lock it securely in place.
2. **Purging Air from Hydraulic System:** Before initial use, it is recommended to purge any air that may be trapped in the hydraulic system. To do this, turn the release valve (usually by rotating the handle counter-clockwise) fully counter-clockwise to open it. Pump the handle several times to expel air. Then, turn the release valve clockwise to close it.
3. **Initial Inspection:** Check for any visible damage, leaks, or loose components. Ensure all wheels move freely.

WIDE LIFTING RANGE

Lift to the height you need



1. **Connect the handles and place them in the handle socket**
2. **Insert the handle and rotate it to the lock it on the machine before use**
3. **Pump the handle smoothly to raise the jack until it contacts the car frame**

3.35in/85mm Min Height
15.16in/385mm Max Height

Image: Step-by-step illustration of connecting the handle and initiating the lift process.

6. OPERATING INSTRUCTIONS

Follow these steps carefully to safely lift and lower a vehicle.

6.1. Lifting a Vehicle

1. **Prepare the Vehicle:** 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.
2. **Position the Jack:** Locate the vehicle's manufacturer-recommended lifting points. Slide the floor jack under the vehicle, ensuring the saddle is centered directly under the lifting point.
3. **Close Release Valve:** Turn the handle clockwise until the release valve is fully closed. This will allow the jack to lift.
4. **Lift the Vehicle:** Pump the handle smoothly and steadily to raise the vehicle to the desired height. Observe the vehicle and jack throughout the process to ensure stability.
5. **Secure with Jack Stands:** Once the vehicle is lifted to the desired height, immediately place appropriately rated jack stands under the vehicle's designated support points. Lower the vehicle slowly onto the jack stands by gradually turning the handle counter-clockwise to open the release valve. Ensure the vehicle is securely resting on the jack stands before performing any work.

6.2. Lowering a Vehicle

1. **Raise Slightly:** If the vehicle is on jack stands, pump the jack handle a few times to slightly raise the vehicle off the jack stands.
2. **Remove Jack Stands:** Carefully remove the jack stands from under the vehicle.
3. **Lower Vehicle:** Slowly turn the handle counter-clockwise to gradually open the release valve. The vehicle will begin to lower. Control the lowering speed by adjusting how much you open the valve.
4. **Remove Jack:** Once the vehicle is fully lowered and resting on its wheels, remove the floor jack.

LARBANKE

HYDRAULIC FLOOR JACK

2.5 TON/5500 LBS
CAPACITY



Image: The LARBANKE 2.5T Floor Jack correctly positioned under a vehicle's lifting point, ready for operation.



Image: Visual representation of the jack's adjustable height, showing its minimum (3.35in/85mm) and maximum (15.16in/385mm) lifting capabilities.

7. MAINTENANCE

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

- **Lubrication:** Periodically lubricate moving parts such as the pivot points, wheels, and handle mechanism with light machine oil.
- **Hydraulic Oil Level:** Check the hydraulic oil level periodically. If low, replenish with high-quality hydraulic jack oil. Do not overfill.
- **Cleaning:** Keep the jack clean and free of dirt, grease, and corrosive materials. Wipe down after each use.
- **Storage:** Store the jack in a dry, clean area with the ram fully retracted to prevent corrosion and extend seal life.
- **Inspection:** Regularly inspect for any signs of wear, damage, or leaks. Pay close attention to the hydraulic cylinder, hoses, and seals. Do not use a damaged jack.

8. TROUBLESHOOTING

If you encounter issues with your floor jack, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Jack will not lift	Release valve open; Low hydraulic oil; Air in system; Overload	Close release valve; Check/refill oil; Purge air (see Setup); Do not exceed capacity
Jack lifts slowly or erratically	Low hydraulic oil; Air in system; Dirty oil	Check/refill oil; Purge air; Consult qualified service personnel for oil change
Jack leaks hydraulic fluid	Damaged seals; Loose fittings	Discontinue use immediately. Consult qualified service personnel.
Jack lowers under load	Release valve not fully closed; Internal seal damage; Overload	Ensure valve is fully closed; Discontinue use and consult service personnel; Do not exceed capacity

If these solutions do not resolve the issue, or if you suspect internal damage, do not attempt repairs yourself. Contact customer support or a qualified service technician.

9. SPECIFICATIONS

Technical specifications for the LARBANKE 2.5T Floor Jack.

Specification	Value
Model	2.5T Floor Jack

Specification	Value
Load Capacity	2.5 Tons (5500 lbs)
Minimum Lifting Height	3.35 Inches (85 mm)
Maximum Lifting Height	15.16 Inches (385 mm)
Material	Carbon Steel
Vehicle Service Type	Car, SUV, Light Truck
Color	Blue
Included Components	Floor Jack, Detachable Handle



Image: Detailed product specification diagram, including overall dimensions, lifting range, net weight (12KG), gross weight (13KG), and package size (23.43"x10.04"x5.71").

10. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your purchase or contact the retailer. If you require technical assistance, have questions about operation, or need to report a defect, please contact LARBANKE customer support through the retailer's platform or the official brand website.