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LARIN DQY-6000

Larin DQY-6000 Hydraulic Floor Jack - 3 Ton Capacity User Manual

Brand: LARIN | Model: DQY-6000

INTRODUCTION

This manual provides essential instructions for the safe and effective operation, setup, and maintenance of your Larin DQY-6000 Hydraulic Floor Jack. Designed with robust engineering, this 3-ton capacity floor jack is built for demanding lifting tasks. Please read this manual thoroughly before use to ensure proper handling and to prevent injury or damage.



Image: The Larin DQY-6000 Hydraulic Floor Jack, featuring its red and white body, black saddle, and two-piece handle.

IMPORTANT SAFETY INFORMATION

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

- **Read All Instructions:** Before using the jack, read and understand all instructions and warnings in this manual.
- **Use on Hard, Level Surface:** Always operate the jack on a hard, level surface capable of supporting the load. Avoid soft or uneven ground.
- **Do Not Exceed Capacity:** Never exceed the rated capacity of 3 tons (6,000 lbs).
- **Use Jack Stands:** After lifting the vehicle, always support it immediately with appropriate jack stands. The hydraulic jack is a lifting device only and not designed to sustain loads for extended periods.
- **Center the Load:** Ensure the load is centered on the saddle. Off-center loads can cause instability.
- **Keep Clear:** Keep hands, feet, and other body parts clear of moving parts and the area under the lifted load.
- **Inspect Before Use:** Before each use, inspect the jack for any damage, leaks, or loose parts. Do not use if damaged.

- **Lower Slowly:** Lower the load slowly and in a controlled manner.
- **Wear Safety Gear:** Always wear appropriate personal protective equipment, such as safety glasses and gloves.
- **No Modifications:** Do not modify the jack in any way. Use only original replacement parts.

COMPONENTS

Familiarize yourself with the main components of your Larin DQY-6000 Hydraulic Floor Jack:

- **Saddle:** The rotatable forged saddle provides a secure contact point for lifting.
- **Lifting Arm:** The main arm that raises and lowers the saddle.
- **Handle Socket:** Where the two-piece handle is inserted.
- **Release Valve:** Controls the lowering speed of the jack.
- **Pump Piston:** Internal component that generates hydraulic pressure.
- **Wheels:** For easy maneuverability.
- **Two-Piece Handle:** Used for pumping and operating the release valve.



Image: A detailed view of the Larin DQY-6000 jack, showing the saddle, lifting arm, and handle socket area.

SETUP INSTRUCTIONS

Before first use, or after extended storage, prepare the jack as follows:

1. **Assemble Handle:** Insert the upper handle section into the lower handle section, ensuring the locking mechanism (if present) engages securely.
2. **Insert Handle:** Place the assembled handle into the handle socket on the jack.
3. **Purge Air (Bleeding):**
 - Turn the handle counter-clockwise to open the release valve completely.
 - Pump the handle vigorously 10-15 times without a load.
 - Turn the handle clockwise to close the release valve.
 - The jack should now operate smoothly. If not, repeat the purging process.

OPERATING INSTRUCTIONS

Lifting a Load:

1. **Prepare Vehicle:** Park the vehicle on a hard, level surface. Engage the parking brake and block the wheels that will remain on the ground.
2. **Position Jack:** Position the jack under the vehicle's designated lifting point. Consult your vehicle's owner's manual for correct lifting points.
3. **Close Release Valve:** Turn the handle clockwise until the release valve is firmly closed. Do not overtighten.
4. **Lift Load:** Pump the handle up and down to raise the saddle and lift the vehicle. Ensure the load remains stable and centered on the saddle.
5. **Insert Jack Stands:** Once the desired height is reached, immediately place appropriately rated jack stands under the vehicle's designated support points.
6. **Lower onto Stands:** Slowly turn the handle counter-clockwise to open the release valve, allowing the vehicle to gently rest onto the jack stands. Remove the hydraulic jack.

Lowering a Load:

1. **Reposition Jack:** If the jack was removed, reposition it under the vehicle's lifting point and raise the vehicle slightly to clear the jack stands.
2. **Remove Jack Stands:** Carefully remove the jack stands from under the vehicle.
3. **Lower Vehicle:** Slowly and gradually turn the handle counter-clockwise to open the release valve. The vehicle will begin to descend. Control the lowering speed by adjusting how much you open the valve.
4. **Fully Lower:** Continue lowering until the vehicle is fully on the ground. Remove the jack.

MAINTENANCE

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

- **Lubrication:** Periodically lubricate all moving parts (wheels, pivots, handle connections) with light machine oil.
- **Hydraulic Fluid:** Check the hydraulic fluid level every three months or as needed. To check, lower the jack completely, remove the oil filler plug, and ensure the fluid is level with the bottom of the filler hole. Use only high-quality hydraulic jack oil.

- **Cleaning:** Keep the jack clean and free of dirt, grease, and corrosive materials.
- **Storage:** Store the jack in a dry, clean area with the ram fully retracted (jack lowered).
- **Inspection:** Before each use, inspect for cracks, bends, leaks, or other damage. Do not use a damaged jack.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Jack will not lift load.	Release valve open; Low hydraulic fluid; Air in system; Overload.	Close release valve; Check fluid level and refill; Purge air from system (see Setup); Do not exceed capacity.
Jack lifts slowly or erratically.	Low hydraulic fluid; Air in system.	Check fluid level and refill; Purge air from system.
Jack loses pressure and lowers.	Release valve not fully closed; Internal seal damage; Overload.	Ensure release valve is fully closed; Contact qualified service personnel for seal replacement; Do not exceed capacity.

SPECIFICATIONS

- **Model:** DQY-6000
- **Load Capacity:** 3 tons (6,000 lbs)
- **Minimum Lifting Height:** Approximately 5-1/8 inches
- **Maximum Lifting Height:** Approximately 19-1/2 inches
- **Item Weight:** 73 pounds
- **Chassis:** Extra heavy gauge steel
- **Saddle:** Rotatable forged
- **Handle:** Two-piece, extra-long

WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or replacement parts, please contact Larin customer service or visit the official Larin website. Always refer to your purchase documentation for specific warranty terms.

You can find more information about LARIN products by visiting the [LARIN Store on Amazon](#).