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LARIN GJ-6000

LARIN GJ-6000 Hydraulic Garage Jack

3 Ton Capacity User Manual

1. Important Safety Information

Read and understand all instructions and warnings before using this hydraulic garage jack. Failure to follow these instructions may result in property damage, personal injury, or death.

- **Capacity:** Do not exceed the rated capacity of 3 tons (6,000 lbs).
- **Stable Surface:** Use the jack only on a hard, level surface capable of supporting the load.
- **Wheel Chocks:** Always place wheel chocks on the wheels that are not being lifted.
- **Jack Stands:** After lifting the vehicle, always support it with appropriate jack stands before performing any work. Never work under a vehicle supported only by a hydraulic jack.
- **Center of Gravity:** Position the jack saddle under the vehicle's lift points as specified by the vehicle manufacturer. Ensure the load is centered on the saddle.
- **Clear Area:** Keep hands, feet, and other body parts clear of moving parts and the vehicle during lifting and lowering.
- **Inspection:** Inspect the jack before each use. Do not use if any components are damaged, bent, or leaking.
- **Modifications:** Do not modify the jack or use it for purposes other than those for which it is intended.
- **Children and Bystanders:** Keep children and bystanders away from the work area.

2. Package Contents

Carefully unpack all components and check for any damage. If any parts are missing or damaged, contact customer service.

- Hydraulic Garage Jack Body (1)
- Two-Piece Handle (1 set)



Image 1: The LARIN GJ-6000 Hydraulic Garage Jack, showing its main body, saddle, wheels, and the two-piece handle assembled.

3. Setup and Assembly

1. **Assemble the Handle:**

   Insert the upper handle section into the lower handle section and secure it. Then, insert the assembled handle into the handle socket on the jack body. Ensure it is fully seated and secured according to the jack's design (some models may have a set screw or pin).

2. **Bleed the Hydraulic System (Initial Use):**

   Before first use, it is recommended to bleed any air that may be trapped in the hydraulic system during shipping. This ensures proper operation.

a. Turn the handle counter-clockwise to fully open the release valve.
b. Pump the handle rapidly 10-15 times without a load.
c. Turn the handle clockwise to close the release valve.
d. The jack should now operate smoothly. Repeat if necessary.

4. Operating Instructions

4.1. Lifting a Vehicle

1. 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. Consult your vehicle's owner's manual to locate the manufacturer-recommended lifting points.
3. Position the jack so that the saddle is directly under the designated lifting point. Ensure the load is centered on the saddle.
4. Close the release valve by turning the handle clockwise until it is firm. Do not overtighten.
5. Pump the handle up and down to raise the vehicle to the desired height. Lift only high enough to place jack stands.
6. Once the vehicle is lifted, immediately place appropriately rated jack stands under the vehicle's frame or designated support points.
7. Slowly open the release valve by turning the handle counter-clockwise to lower the vehicle onto the jack stands. Ensure the vehicle is stable on the jack stands before proceeding.
8. Remove the hydraulic jack from under the vehicle.

4.2. Lowering a Vehicle

1. Ensure the area around and under the vehicle is clear of tools, debris, and personnel.
2. Position the jack saddle under the vehicle's lifting point and raise the vehicle slightly, just enough to clear the jack stands.
3. Remove the jack stands.
4. Slowly and carefully turn the handle counter-clockwise to open the release valve. The vehicle will begin to lower. Control the descent speed by adjusting how much the valve is opened.
5. Once the vehicle is fully lowered, remove the jack from under the vehicle.

5. Maintenance

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

- **Lubrication:** Periodically lubricate pivot points, axles, and caster wheels with light grease or 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 just below the filler hole. Use only high-quality hydraulic jack oil. Do not use brake fluid or motor oil.
- **Cleaning:** Keep the jack clean and free of dirt, grease, and corrosive materials. Wipe down the ram and pump piston after each use.
- **Storage:** Store the jack in a clean, dry place with the ram fully retracted (jack lowered). This prevents corrosion and extends seal life.
- **Inspection:** Before each use, inspect for any signs of damage, leaks, or loose parts. Do not use a damaged jack.

6. Troubleshooting

Problem	Possible Cause	Solution
Jack will not lift	Release valve open; Low hydraulic fluid; Air in system	Close release valve; Add hydraulic fluid; Bleed air from system (refer to Setup section)
Jack lifts slowly or erratically	Low hydraulic fluid; Air in system; Worn seals	Add hydraulic fluid; Bleed air from system; Contact service for seal replacement
Jack will not hold load / lowers under load	Release valve not fully closed; Leaking seals; Overload	Ensure release valve is fully closed; Contact service for seal replacement; Do not exceed rated capacity
Oil leakage	Loose fittings; Damaged seals	Tighten fittings; Contact service for seal replacement

7. Specifications

Model: GJ-6000

Capacity: 3 Tons (6,000 lbs)

Minimum Lifting Height: Approximately 5-1/4 inches

Maximum Lifting Height: 18-1/4 inches

Material: Heavy-Gauge Steel

Vehicle Service Type: Car

Handle: Two-piece, extra-long

Saddle: Rotatable forged saddle

8. Warranty and Support

This LARIN GJ-6000 Hydraulic Garage Jack comes with a**1-year Limited Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.
The warranty does not cover damage due to misuse, abuse, alteration, improper maintenance, or normal wear and tear.
For warranty claims, technical support, or replacement parts, please contact LARIN customer service. Keep your proof of purchase for warranty validation.
For more information, you may visit the official LARIN store:LARIN Store on Amazon

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