Garvee __xF1X6cDgKtbMTpdhdNOwxq2X

Garvee Heavy Duty Hydraulic Lawn Mower Lift Jack Instruction Manual

Model: __xF1X6cDgKtbMTpdhdNOwxq2X

1. Introduction

This manual provides essential instructions for the safe and effective use of your Garvee Heavy Duty Hydraulic Lawn Mower Lift Jack. This hydraulic lift is designed to safely raise the front end of lawn mowers, tractors, ATVs, and UTVs for maintenance tasks such as blade work, debris removal, and oil changes. Please read this manual thoroughly before assembly or operation to ensure proper usage and safety.



Figure 1.1: The Garvee hydraulic lift offers strong compatibility with various equipment types.

2. Safety Information

Your safety is paramount. Always adhere to the following safety guidelines:

- **Load Capacity:** Do not exceed the maximum load capacity of 500 pounds (226 kg). Overloading can cause equipment failure and serious injury.
- **Stable Surface:** Always operate the lift on a firm, level, and stable surface. Avoid sloped or uneven ground.
- **Double Lock Safety:** Ensure the double lock safety mechanism is engaged after lifting the equipment to the desired height. This prevents accidental collapse.
- **Clearance:** Maintain a safe distance from moving parts and pinch points during operation.
- **Personal Protective Equipment:** Wear appropriate safety gear, including gloves and eye protection, when performing maintenance.
- **Vehicle Stability:** Before working under a raised vehicle, ensure it is stable and cannot roll or shift. Engage parking brakes and block wheels not on the lift.

- **Children and Pets:** Keep children and pets away from the work area during operation.
- **Inspection:** Before each use, inspect the lift for any signs of damage, wear, or leaks. Do not use if damaged.



Figure 2.1: Close-up view of the dual locking safety latches and roller support frame, highlighting key safety and mobility features.

3. Package Contents

Verify that all components are present and undamaged before proceeding with assembly.

- Hydraulic Lawn Mower Lift Jack (Main Frame with Hydraulic Cylinder)
- Adjustable Support Arms (2 units)
- Handle
- Removable Wheels (4 units)
- Assembly Hardware (bolts, nuts, washers)

4. Setup and Assembly

The Garvee Hydraulic Lawn Mower Lift Jack comes partially assembled. Follow these steps to complete the setup:

1. **Attach Wheels:** Securely attach the four removable wheels to the designated points on the base frame using the provided hardware. Ensure they are firmly tightened.
2. **Install Handle:** Insert the handle into its receiver on the main frame and secure it.
3. **Adjust Support Arms:** The support arms are adjustable to accommodate various mower widths. Loosen the locking mechanisms, slide the arms to the desired width, and then re-tighten to secure them.



Figure 4.1: The adjustable support arms can be moved to fit different mower widths.

5. Operating Instructions

Follow these steps for safe and effective operation of the hydraulic lift:

1. **Position the Lift:** Roll the lift to a firm, level surface. Position the lift so that the support arms are directly under the front

wheels or frame of the equipment you intend to lift.

2. **Prepare Equipment:** Ensure the equipment is turned off, the engine is cool, and the parking brake is engaged. Remove any loose items.
3. **Engage Support Arms:** Carefully roll the equipment onto the adjustable support arms. Ensure the equipment is centered and stable on the arms. Adjust the arm width if necessary for a secure fit.
4. **Lift the Equipment:** Use the foot pedal or handle to pump the hydraulic jack, slowly raising the equipment. Observe the equipment's stability during the lifting process.
5. **Engage Safety Locks:** Once the desired height is reached (up to 26-1/2 inches), immediately engage the double lock safety latches. These latches will firmly fix the support bar, preventing accidental lowering. **Never work under equipment supported only by the hydraulic pressure. Always use the safety locks.**
6. **Perform Maintenance:** With the equipment securely lifted and safety locks engaged, you can now perform necessary maintenance.
7. **Lower the Equipment:** To lower, first slightly raise the equipment using the hydraulic pump to disengage the safety locks. Then, slowly release the hydraulic pressure using the release valve (typically a twist knob or lever) to gently lower the equipment back to the ground. Ensure the area is clear before lowering.
8. **Remove Equipment:** Once fully lowered, carefully roll the equipment off the lift.



Figure 5.1: The lift provides ample space for maintenance tasks.



Figure 5.2: The lift offers adjustable height settings for various maintenance needs.



Figure 5.3: Detail of the hydraulic system and the maximum lift height.

6. Maintenance

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

- **Cleaning:** Keep the lift clean and free of dirt, grease, and debris. Wipe down surfaces with a clean cloth.
- **Lubrication:** Periodically lubricate pivot points and moving parts with a suitable grease or oil to ensure smooth operation.
- **Hydraulic Fluid:** Check the hydraulic fluid level regularly. If low, refill with appropriate hydraulic jack oil. Consult a professional if you are unsure.

- **Rust Prevention:** The lift features an anti-rust coating. However, store the lift in a dry environment to prevent corrosion, especially if the coating is scratched.
- **Inspection:** Before each use, inspect all welds, bolts, and structural components for any signs of damage, cracks, or loosening. Tighten any loose fasteners.

7. Troubleshooting

If you encounter issues with your hydraulic lift, refer to the following common problems and solutions:

- **Lift does not raise:**
  - Check hydraulic fluid level; refill if low.
  - Ensure the release valve is fully closed.
  - Verify the load does not exceed the 500 lb capacity.
- **Lift lowers slowly or uncontrollably:**
  - The release valve may be open too far or faulty.
  - Internal hydraulic leak. Contact customer support for assistance.
- **Lift is unstable:**
  - Ensure the lift is on a firm, level surface.
  - Verify the equipment is centered and securely positioned on the support arms.
  - Check for loose bolts or damaged components.

If these steps do not resolve the issue, contact Garvee customer support.

8. Specifications

Feature	Specification
Brand	Garvee
Model Number	__xF1X6cDgKtbMTpdhdNOwxq2X
Material	Iron
Color	Yellow
Load Capacity	500 lbs (226 kg)
Adjustable Lift Height	Up to 26-1/2 inches (67.3 cm)
Item Weight	88.1 pounds (40 kg)
Item Dimensions (L x W x H)	40.55 x 20.87 x 5.91 inches (103 x 53 x 15 cm)
Safety Feature	Double Lock Safety Latches
Mobility	4 Removable Wheels



Figure 8.1: Product dimensions and load capacity.

9. Warranty and Support

For warranty information, technical support, or replacement parts, please contact Garvee customer service. Refer to your purchase documentation for specific warranty terms and contact details.

You can often find support information on the manufacturer's official website or through the retailer where the product was purchased.

Garvee Store: Visit the Garvee Store on Amazon

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