

HAPPIJAC 313774 4820

Happijac Lippert Components 313774 4820 Heavy Duty Acme Screw Jack - 2,800 lb. User Manual

INTRODUCTION

This manual provides essential instructions for the safe and effective installation, operation, and maintenance of your Happijac Lippert Components 313774 4820 Heavy Duty Acme Screw Jack. This jack is designed for heavy-duty applications, offering a 2,800 lb. load capacity and robust construction for reliable performance.

SAFETY INFORMATION

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

- Ensure the jack is placed on a stable, level surface capable of supporting the load.
- Never exceed the maximum load capacity of 2,800 lbs.
- Keep hands and clothing clear of moving parts during operation.
- Use appropriate safety gear, such as gloves and eye protection.
- Do not modify the jack in any way. Use only genuine Happijac replacement parts.
- Always ensure the load is stable and properly secured before and during lifting or lowering.

COMPONENTS INCLUDED

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

- One (1) Happijac Lippert Components 313774 4820 Heavy Duty Acme Screw Jack - 2,800 lb.



Image: Happijac 313774 4820 Heavy Duty Acme Screw Jack. This image displays the overall structure of the screw jack, featuring its square tubing and robust design.

SETUP AND INSTALLATION

Proper installation is crucial for the safe and effective operation of the jack.

1. **Site Selection:** Choose a mounting location that is structurally sound and can support the jack's weight and the intended load.
2. **Mounting:** Securely attach the jack to the desired surface using appropriate hardware (not included). Ensure all fasteners are tightened to the manufacturer's specifications.
3. **Clearance:** Verify that there is adequate clearance for the jack's full range of motion and for manual cranking.
4. **Electrical Upgrade (Optional):** If upgrading to electric operation, follow the specific instructions provided with the electrical upgrade kit. The jack is designed with a low amp draw for efficient electrical operation.

OPERATING INSTRUCTIONS

The Happijac 4820 Screw Jack features an easy-to-access manual override for precise control.

1. **Preparation:** Ensure the area around the jack is clear. Position the jack securely under the load point.
2. **Manual Operation:** Insert the crank handle (not included) into the manual override port. Turn the handle clockwise to extend the jack and lift the load. Turn counter-clockwise to retract the jack and lower the load. The 360-degree cranking mechanism allows for flexible operation.
3. **Load Management:** Lift or lower the load slowly and steadily. Avoid sudden movements.

4. **Stabilization:** Once the desired height is achieved, ensure the load is stable before performing any work.

MAINTENANCE

Regular maintenance will extend the life and ensure the reliable operation of your jack.

- **Cleaning:** Periodically clean the outer tube and inner leg. The jack features a wiper at the bottom to help prevent debris from entering the leg.
- **Corrosion Protection:** The zinc-plated and powder-coated outer tube, along with the zinc-plated inner leg, provides superior corrosion resistance. Inspect these surfaces regularly for any signs of damage or wear.
- **Lubrication:** Apply a suitable lubricant to the screw mechanism as needed to ensure smooth operation.
- **Inspection:** Before each use, inspect the jack for any signs of damage, loose fasteners, or excessive wear. Do not use a damaged jack.

TROUBLESHOOTING

If you encounter issues with your Happijac 4820 Screw Jack, consider the following:

- **Difficulty Cranking:**
 - Check for obstructions around the screw mechanism.
 - Ensure the jack is not overloaded.
 - Apply lubricant to the screw if it feels stiff.
- **Jack Not Holding Load:**
 - Immediately lower the load.
 - Inspect the jack for any visible damage or internal component failure. Do not use if damaged.

SPECIFICATIONS

Model	313774 4820
Brand	HAPPIJAC
Load Capacity	2,800 lbs (1270 kg)
Material	Zinc (plated and powder-coated outer tube, zinc-plated inner leg)
Vehicle Service Type	Truck
Item Weight	26.4 Pounds (11.97 kg)
Item Dimensions (L x W x H)	54 x 6.5 x 5.75 inches (137.16 x 16.51 x 14.61 cm)
Style	Acme Screw
Color	White

WARRANTY INFORMATION

All Happijac jacks, including the 313774 4820 model, come with **aone-year warranty** from the date of purchase. This

warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

SUPPORT

For technical assistance, replacement parts, or warranty inquiries, please contact Happijac customer support. Refer to the official Happijac website or product packaging for current contact information.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question