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› Lippert Power Tongue Jack (Model 285318) - Electric Trailer A-Frame Instruction Manual

Lippert Components 285318

Lippert Power Tongue Jack (Model 285318)

Electric Trailer A-Frame Instruction Manual

Brand: Lippert Components | Model: 285318

1. INTRODUCTION

The Lippert Power Tongue Jack is designed to simplify the process of raising and lowering your RV or travel trailer's A-frame. This electric jack eliminates the need for manual cranking, offering convenience and efficiency with a 3,500 lb. lift capacity. It features integrated LED lighting for improved visibility during nighttime operations and a durable construction for reliable performance in various outdoor conditions.

2. SAFETY INFORMATION

- Always ensure the trailer is properly chocked before operating the jack.
- Do not exceed the maximum lift capacity of 3,500 lbs.
- Keep hands and clothing clear of moving parts during operation.
- Ensure the jack is securely mounted to the trailer frame before use.
- Disconnect power when performing maintenance or installation.

3. WHAT'S IN THE BOX

- Jack Body
- 5-3/8" Diameter Foot Pad
- Hand Crank
- 2-1/2" Clevis Pin
- Hairpin Cotter Pin

4. PRODUCT OVERVIEW & FEATURES

The Lippert Power Tongue Jack is engineered for durability and ease of use. Its robust design and intelligent features make trailer setup more convenient.

FEATURES & BENEFITS

Easy, one-button operation



30 AMPS of power



3,500 lb. lift capacity



18" vertical range



Features & Benefits: Key features include a 3,500 lb. lift capacity, 18-inch vertical range, 30 AMPS of power, and simple one-button operation for efficient trailer handling.

INTEGRATED LIGHTING

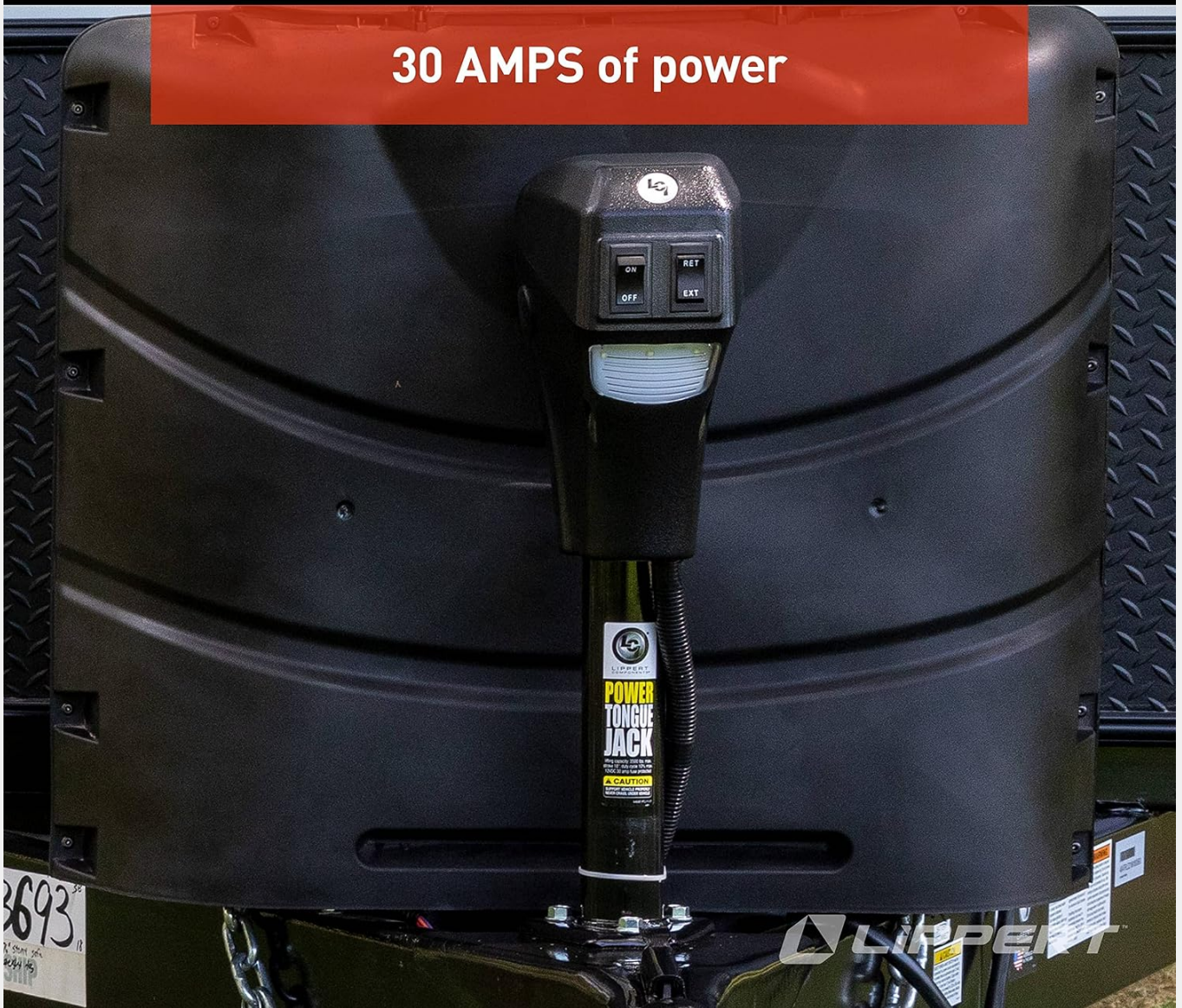
Operate your jack at night



Integrated Lighting: Four integrated LED lights illuminate the hitch and coupler area, enhancing visibility for nighttime setup and operation.

POWERFULLY ENGINEERED

30 AMPS of power



Powerfully Engineered: Engineered for heavy lifting, this jack features a 3,500 lb. lift capacity, helical-cut gears, and a 30 AMP 12V motor for quiet and efficient performance.

5. SETUP & INSTALLATION

The Lippert Power Tongue Jack is designed for fast and simple installation. Ensure you have all necessary hardware and pins before beginning.

1. **Remove Old Jack:** If replacing an existing jack, ensure the trailer is stable and supported. Unbolt the old jack from the A-frame and carefully remove it.
2. **Position New Jack:** Insert the new Lippert Power Tongue Jack through the mounting hole on the trailer A-frame.
3. **Secure Mounting:** Align the mounting holes on the jack with those on the trailer A-frame. Secure the jack using the provided hardware (bolts and pins). Ensure all fasteners are tightened to the manufacturer's specifications.
4. **Connect Power:** Connect the jack's power wire to a 12V power source, typically the trailer's battery. Ensure proper polarity (red to positive, black to negative) and secure connections. The jack is designed with 30 AMPS of power.

5. **Attach Foot Pad:** Secure the 5-3/8" diameter foot pad to the bottom of the jack leg using the clevis pin and hairpin cotter pin.

EASY INSTALLATION

Complete with all necessary
hardware and pins



Easy Installation: The Power Tongue Jack is designed for straightforward installation on most RV and travel trailer A-frames.

6. OPERATING INSTRUCTIONS

6.1 Electric Operation

The electric operation of the Lippert Power Tongue Jack is controlled via simple buttons on the jack head.

- **Extend:** Press and hold the "EXT" button to lower the jack and raise the trailer.
- **Retract:** Press and hold the "RET" button to raise the jack and lower the trailer.
- **LED Lights:** Use the dedicated switch to turn the integrated LED lights on or off for illumination of the hitch area.

TIME-SAVING

Easy, one-button operation



Time-Saving: Effortlessly raise or lower your trailer with the push of a button, saving time and physical effort compared to manual jacks.

6.2 Emergency Manual Crank Override

In the event of a power failure or electrical issue, the jack can be operated manually.

- Locate the rubber plug on top of the jack head. Remove the plug to expose the manual override shaft.
- Insert the provided hand crank into the shaft.
- Turn the hand crank clockwise to extend the jack (raise the trailer) or counter-clockwise to retract the jack (lower the trailer).

7. MAINTENANCE

- Regularly inspect the jack for any signs of damage, wear, or corrosion.
- Keep the jack leg clean and free of dirt and debris.

- Lubricate moving parts as recommended by the manufacturer (refer to detailed product manual for specifics).
- Ensure electrical connections are clean, tight, and free from corrosion.
- The durable, textured casing helps protect the jack from chips and cracks; however, avoid direct impacts.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Jack does not operate electrically.	No power, loose connection, blown fuse/circuit breaker.	Check battery connections, ensure battery is charged, inspect inline fuse or internal circuit breaker (jack has a built-in circuit breaker that automatically trips and resets).
Jack operates slowly or with difficulty.	Low battery voltage, excessive load, lack of lubrication.	Charge battery, reduce load if exceeding capacity, lubricate moving parts.
LED lights do not work.	Light switch off, faulty wiring, LED failure.	Ensure light switch is on, check wiring connections, contact support if LEDs are faulty.

9. SPECIFICATIONS

- **Model:** 285318
- **Load Capacity:** 3,500 Pounds
- **Lift:** 18 inches
- **Bracket Height (Retracted):** 10-3/4 inches
- **Bracket Height (Extended):** 28-3/4 inches
- **Footplate Diameter:** 5-1/2 inches
- **Power Consumption:** 30 amps
- **Voltage:** 12V DC
- **Material:** Alloy Steel
- **Color:** Black
- **Product Dimensions:** 32.75 x 12.5 x 7.25 inches
- **Item Weight:** 28.9 pounds

10. WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase replacement parts, please refer to the official Lippert Components website or contact their customer service directly. Keep your purchase receipt for warranty claims.

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

Answered questions about this manual

Can you rotate the head of the Lippert Power Tongue Jack (Model 285318) once it has been mounted without moving the mount?

Based on the installation instructions for the Lippert Power Tongue Jack (Model 285318), the head is not designed to be rotated independently of the mounting base once it is secured. The jack is mounted...

[Read full answer](#)