Stromberg Carlson JET-3555

Stromberg Carlson JET-3555 Electric Tongue Jack Instruction Manual

Model: JET-3555

1. Introduction

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Stromberg Carlson JET-3555 Electric Tongue Jack. Please read all instructions carefully before use to ensure proper function and longevity of the product.





Figure 1: Stromberg Carlson JET-3555 Electric Tongue Jack

2. Safety Information

- Always ensure the trailer is properly chocked and stable before operating the jack.
- Do not exceed the maximum lifting capacity of 3500 lbs.
- Keep hands and clothing clear of moving parts during operation.
- Disconnect power before performing any maintenance or repairs.
- Use appropriate personal protective equipment (PPE) during installation and maintenance.

3. What's in the Box

- Stromberg Carlson JET-3555 Electric Tongue Jack with Light
- Manual crank handle

- Mounting hardware (bolts, washers)
- Instruction Manual

4. Setup & Installation

This section provides general guidance for installing an A-frame electric tongue jack. Specific steps may vary based on your trailer model. Always refer to your trailer's manufacturer guidelines if available.

4.1 Pre-Installation

1. Park the trailer on a level surface and chock the wheels securely.
2. Support the trailer frame with jack stands near the tongue to prevent movement.
3. Disconnect the existing jack's power wire from the trailer's battery (if applicable).

4.2 Removing the Old Jack

1. Retract the existing jack fully.
2. Remove the bolts attaching the old jack to the trailer's A-frame coupler.
3. Carefully remove the old jack from the coupler.

4.3 Installing the New Jack

1. Ensure the mounting surface on the A-frame coupler is clean and free of debris. For proper grounding, a small area of paint on the A-frame coupler should be stripped to correspond with the unpainted portion of the jack's mounting plate.
2. Place the provided star washers over the mounting holes on the A-frame coupler.
3. Insert the new JET-3555 Electric Tongue Jack into the hole in the trailer's coupler, aligning its mounting plate with the star washers. The jack can be positioned with controls facing the tow vehicle or turned to either side for clearance.
4. Thread the provided bolts with lock washers through the jack's mounting plate and into the threaded mounting holes on the A-frame. Tighten until snug.
5. Install the spring-loaded pull pin assembly for the drop leg. Pull out the pin, align the grooves, slide the assembly onto the jack's inner tube, and release the pull pin. Tighten the clamp on the assembly.
6. Insert the drop leg into the jack and secure it with the linchpin.

4.4 Wiring

1. Route the black power wire lead from the jack along the trailer frame to the trailer's battery. Use included cable ties to secure the wiring.
2. Connect the black wire lead with the ring terminal directly to the positive terminal of the trailer's 12V battery. The JET-3555 features built-in motor protection, eliminating the need for an inline fuse.
3. Reconnect any other battery ground cables that were disconnected during pre-installation.

4.5 Installation Video (Generic Example)

Your browser does not support the video tag.

Video 1: Generic A-Frame Powered Jack Installation Guide (Bulldog 4K A-Frame Powered Jack). This video demonstrates general installation steps for a similar product type.

5. Operating Instructions

5.1 Electric Operation

The JET-3555 Electric Tongue Jack features simple up/down switches for effortless operation.

1. To extend the jack, press and hold the 'EXT' (Extend) switch.
2. To retract the jack, press and hold the 'RET' (Retract) switch.
3. Release the switch to stop the jack at any desired position.



Figure 2: Control panel with ON/OFF switch for LED lights and RET/EXT switches for jack operation.

5.2 Manual Override

In case of power loss or motor malfunction, the jack can be operated manually using the provided crank handle.

1. Remove the rubber cap from the top of the jack head to expose the manual override shaft.

2. Insert the manual crank handle onto the shaft.
3. Turn the handle clockwise to extend the jack and counter-clockwise to retract it.

5.3 LED Work Lights

The JET-3555 is equipped with two LED work lights for enhanced visibility during nighttime hookups.

1. Locate the 'ON/OFF' switch on the control panel.
2. Flip the switch to 'ON' to illuminate the work area.
3. Flip the switch to 'OFF' to turn off the lights.

5.4 Drop-Down Leg

The 5-inch drop-down leg allows for quick height adjustments, reducing the travel distance required by the electric motor.

1. To adjust, remove the linchpin from the drop leg.
2. Slide the drop leg to the desired height, aligning the holes.
3. Reinsert the linchpin to secure the drop leg in place.



Figure 3: Jack showing 18" travel and 5" drop-down leg for quick height adjustment.

6. Maintenance

- Regularly inspect all mounting hardware for tightness and corrosion.
- Keep the jack clean and free of dirt and debris. The weather-resistant design protects against harsh elements.
- Check electrical connections periodically to ensure they are secure and free from damage.
- Lubricate moving parts as recommended by the manufacturer (refer to specific product documentation for details).

7. Troubleshooting

- **Jack does not operate:** Check battery connections and ensure the battery is charged. Verify the wiring is correctly installed. Utilize the manual crank handle if the motor is unresponsive.
- **Motor overheats:** The JET-3555 has built-in motor protection to prevent overheating. If the motor stops, allow it to

cool down before attempting further operation. Reduce load if consistently overheating.

- **LED lights not working:** Check the 'ON/OFF' switch position. Ensure power connections are secure.

8. Specifications

Feature	Specification
Model	JET-3555
Load Capacity	3500 pounds
Travel	18 inches
Drop Down Leg	5 inches
Outer Tube Diameter	2-3/16 inches (heavy wall)
Lighting	Dual LED Work Lights
Motor Protection	Built-in (against overuse and overheating)
Weather Resistance	Weather-resistant switches
Item Weight	26 pounds
Product Dimensions	34 x 10 x 7 inches

9. Warranty Information

For detailed warranty information, please refer to the specific warranty card included with your product or contact Stromberg Carlson customer service.

10. Customer Support

If you have any questions or require assistance with your Stromberg Carlson JET-3555 Electric Tongue Jack, please contact our customer support team. Contact details can be found on our official website or on the product packaging.

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.

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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