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› Part Synergy Bulldog SWQ 180 Trailer Jack User Manual

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Model: Bulldog SWQ 180 (Part Number: 481-182805 / REE-182805)

Brand: Part Synergy

INTRODUCTION

This manual provides essential instructions for the safe and effective installation, operation, and maintenance of your Part Synergy Bulldog SWQ 180 Sidewind Trailer Jack. Please read this manual thoroughly before using the product to ensure proper function and to prevent injury or damage.



Image: The Part Synergy Bulldog SWQ 180 Trailer Jack, featuring a black steel construction with a sidewind crank mechanism and a large footplate.

SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in serious injury or property damage.

- Always ensure the trailer is on a level, stable surface before operating the jack.
- Never exceed the maximum rated capacity of 12,000 lbs.
- Keep hands and clothing clear of moving parts during operation.
- Do not use the jack to lift people or objects other than the trailer tongue.
- Inspect the jack for damage or wear before each use. Do not use if damaged.
- Ensure the jack is fully retracted and secured before towing the trailer.
- Wear appropriate personal protective equipment (PPE) such as gloves and safety glasses.

COMPONENTS

The Bulldog SWQ 180 Trailer Jack consists of the following primary components:

- **Outer Tube:** The main structural body of the jack.
- **Inner Tube:** Extends and retracts from the outer tube.

- **Sidewind Crank Handle:** Used to operate the jack's lifting mechanism.
- **Drop Leg:** Provides additional extension and support.
- **Footplate:** A flat base attached to the drop leg for stability.
- **Mounting Bracket (not included, typically part of trailer):** The mechanism used to attach the jack to the trailer frame.

SETUP AND INSTALLATION

This jack is designed for direct fit installation onto compatible trailer frames. Installation typically involves bolting the jack's mounting bracket (if separate) or the jack itself directly to the trailer's tongue or frame.

1. **Prepare the Trailer:** Ensure the trailer is securely supported and cannot move. Use wheel chocks if necessary.
2. **Position the Jack:** Align the jack's mounting plate with the pre-drilled holes on your trailer frame. Ensure the jack is oriented correctly for sidewind operation.
3. **Secure the Jack:** Insert appropriate bolts (not included) through the mounting holes and secure with washers and nuts. Tighten all fasteners to the trailer manufacturer's recommended torque specifications.
4. **Verify Stability:** Once installed, gently test the jack's stability before applying full load.

Note: If your trailer does not have pre-drilled holes or a suitable mounting location, consult a qualified trailer technician for proper installation.

OPERATING INSTRUCTIONS

Extending the Jack:

1. **Lowering the Drop Leg (if applicable):** If the drop leg is in the raised position, pull the pin or release mechanism to allow it to extend downwards. Re-insert the pin into the desired hole to secure the drop leg at the appropriate height.
2. **Crank Operation:** Rotate the sidewind crank handle clockwise to extend the inner tube and raise the trailer tongue. Continue cranking until the desired height is reached.
3. **Ensure Stability:** Once the trailer is at the desired height, ensure the jack is stable and the trailer is level.

Retracting the Jack:

1. **Crank Operation:** Rotate the sidewind crank handle counter-clockwise to retract the inner tube and lower the trailer tongue.
2. **Raise the Drop Leg (if applicable):** Once the inner tube is fully retracted or the trailer is hitched, pull the pin or release mechanism on the drop leg and slide it upwards into its stored position. Re-insert the pin to secure it.
3. **Secure for Travel:** Ensure the jack is fully retracted and the drop leg is secured before moving the trailer.

MAINTENANCE

Regular maintenance will prolong the life and ensure the safe operation of your trailer jack.

- **Lubrication:** Periodically lubricate the screw mechanism and moving parts with a high-quality grease. This is typically done by applying grease to the inner tube and the crank mechanism.
- **Inspection:** Before each use, inspect the jack for any signs of damage, corrosion, bent components, or loose fasteners.
- **Cleaning:** Keep the jack clean and free of dirt, mud, and debris. Wipe down the outer and inner tubes.
- **Storage:** When not in use for extended periods, store the jack in a dry environment to prevent rust and corrosion.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Jack is difficult to crank.	Lack of lubrication, excessive load, bent components.	Lubricate moving parts. Reduce load if exceeding capacity. Inspect for damage and replace if necessary.
Jack does not hold position.	Internal mechanism failure, worn components.	Discontinue use immediately. Contact Part Synergy support for assistance or replacement.
Drop leg is stuck.	Corrosion, debris, bent pin.	Clean and lubricate the drop leg and pin mechanism. Ensure the pin is not bent.

SPECIFICATIONS

- Model:** Bulldog SWQ 180
- Part Number:** 481-182805 / REE-182805
- Product Type:** Trailer Jack
- Operation:** Manual Sidewind
- Support Capacity:** 12,000 lbs
- Travel (Lift):** 12.5 inches
- Drop Leg Extension:** 13.5 inches
- Material:** Steel
- Finish:** Black Paint

WARRANTY AND SUPPORT

For warranty information or technical support regarding your Part Synergy Bulldog SWQ 180 Trailer Jack, please contact Part Synergy directly through their official website or customer service channels. Keep your purchase receipt and model information handy when contacting support.

You can typically find contact information on the [Part Synergy brand page](#) or by searching for "Part Synergy customer support" online.

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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