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## SEALIGHT 8000LB Hand-cranked

# SEALIGHT 8000LBS Heavy-Duty Hand-Cranked Trailer Jack Instruction Manual

Model: 8000LB Hand-cranked

## 1. INTRODUCTION

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This manual provides essential instructions for the safe and effective use, installation, and maintenance of your SEALIGHT 8000LBS Heavy-Duty Hand-Cranked Trailer Jack. This jack is designed for use with RVs, boats, yachts, and various utility trailers, offering robust support and height adjustment capabilities.

## 2. SAFETY INSTRUCTIONS

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

- Always read and understand the entire instruction manual before operating the jack.
- Ensure the trailer is on a firm, level surface before operating the jack.
- Do not exceed the maximum load capacity of 8000 pounds (3628.74 kg).
- Keep hands and feet clear of moving parts during operation.
- Use appropriate safety stands or blocks to support the trailer once it is at the desired height. Do not rely solely on the jack for support.
- Inspect the jack for any damage or wear before each use. Do not use if damaged.
- Ensure all bolts and fasteners are securely tightened.
- Do not modify the jack in any way.
- When lowering the trailer, ensure the area beneath is clear.

# EXCELLENT QUALITY

LONGER SERVICE LIFE, WEAR-RESISTANT



Easy to Control and Grip

Image 2.1: Close-up view of the SEALIGHT trailer jack, highlighting the hand-crank mechanism and the safety instructions label affixed to the jack body. The label provides critical warnings and operational guidelines for safe use.

## 3. PRODUCT COMPONENTS AND FEATURES

The SEALIGHT 8000LBS Trailer Jack is constructed from heavy-duty carbon steel with a galvanized pipe and powder coating process for enhanced durability and corrosion resistance. Key features include:

- **High Load Bearing Capacity:** Supports up to 8000 pounds (3628.74 kg).
- **Adjustable Height Design:** Multi-stage adjustment with a lifting range of 24.4 to 39 inches.
- **Durable Construction:** Carbon steel material with antirust coating for longer service life.
- **Ergonomic Handle:** Designed for easy control and grip during operation.
- **Well-Designed Base Structure:** Large diameter base increases force area, suitable for use on sand and mud.



**Image 3.1:** The SEALIGHT 8000LBS Heavy-Duty Trailer Jack positioned next to a trailer, illustrating its robust construction and intended application. The jack features a hand-crank mechanism and a wide base for stability.

# SEALIGHT TRAILER JACK

# 8000LBS



WALL THICKNESS: 3.5MM



Image 3.2: A view of the SEALIGHT trailer jack, emphasizing its structural integrity with a callout for the 3.5mm wall thickness, indicating its heavy-duty construction.

## 4. SETUP AND INSTALLATION

The SEALIGHT trailer jack offers flexible installation options, supporting both welding and bolt fixing. Complete installation accessories and instructions are provided with the product.

### 4.1 Mounting Options:

- **Bolt-On Installation:** Attach the jack to the trailer frame using the provided bolts and mounting plate. Ensure the mounting surface is strong enough to support the jack's load capacity. Tighten all bolts securely according to torque specifications (if provided in separate documentation).
- **Weld-On Installation:** For permanent attachment, the jack can be welded directly to the trailer frame by a qualified professional. Ensure proper welding techniques and safety precautions are followed.

After installation, verify that the jack operates smoothly and is securely attached before applying any load.

## 5. OPERATING INSTRUCTIONS

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This hand-cranked trailer jack allows for precise height adjustment. Always ensure the trailer is stable and on a level surface before operation.

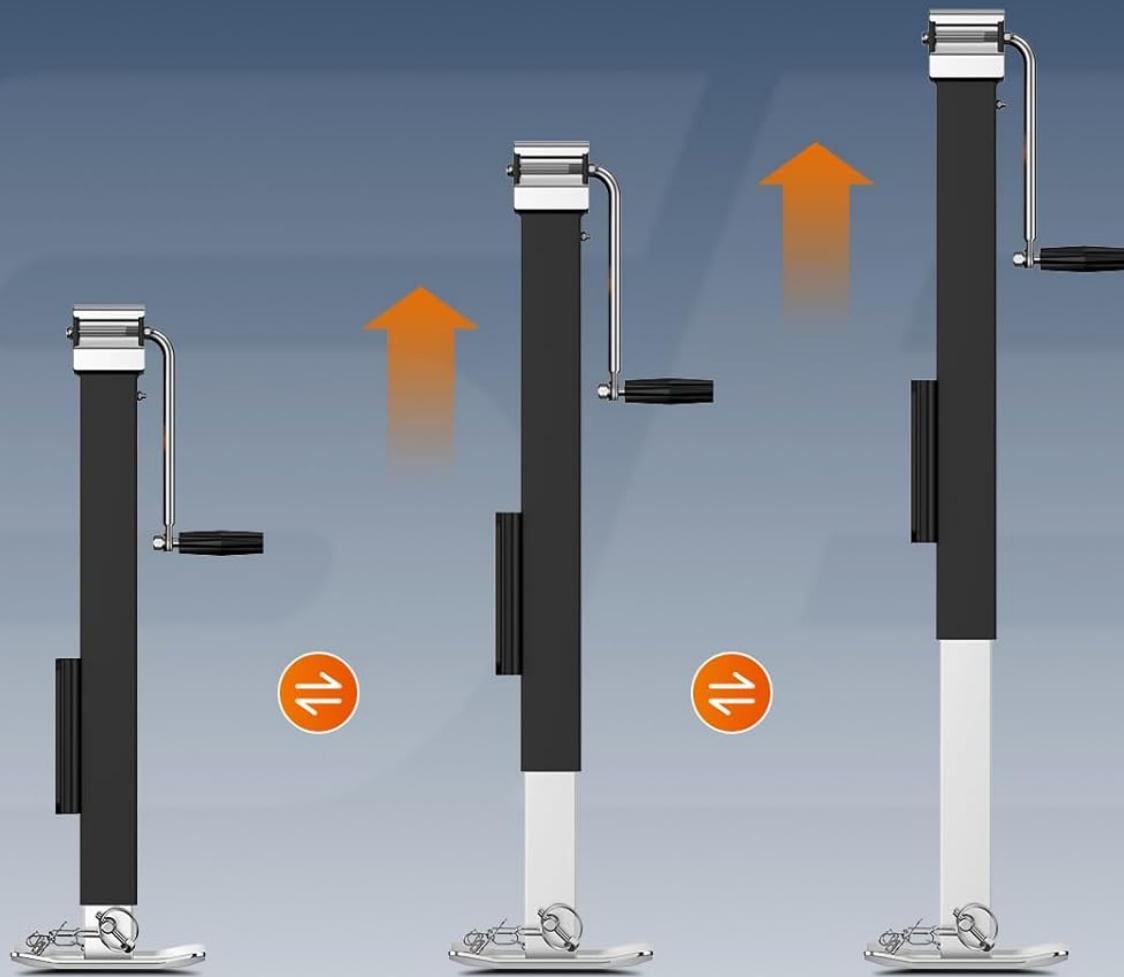
### 5.1 Raising the Trailer:

1. Position the jack securely under the trailer's designated lifting point.
2. Engage the hand crank. Turn the crank clockwise to raise the trailer.
3. Continue cranking until the desired height is reached. Do not over-extend the jack beyond its maximum lifting height.
4. Once the trailer is at the desired height, place appropriate safety stands or blocks under the trailer frame for additional support.

### 5.2 Lowering the Trailer:

1. Ensure the area beneath the trailer is clear of obstructions and personnel.
2. If safety stands were used, carefully remove them once the trailer is ready to be lowered.
3. Turn the hand crank counter-clockwise to slowly lower the trailer.
4. Lower the trailer completely until it rests on its wheels or other stable support.

# WIDER LIFTING RANGE



**Stroke: 15inch**

**Lifting Range: 24.4-39 inch**

**Minimum Height: 24.4 inch**

**Base: 5 levels adjustable**

**Pitch-row: 3.34 inch**

**Image 5.1:** A diagram illustrating the adjustable height range of the SEALIGHT trailer jack. It shows the minimum height, maximum height, and the stroke length, indicating a lifting range of 24.4 to 39 inches with 5 adjustable base levels.

# EXTENSIVE ADAPTABILITY



YACHT TRAILER



CAMPING TRAILER



UTILITY TRAILER



HORSE TRAILER

**Image 5.2:** A collage demonstrating the extensive adaptability of the SEALIGHT trailer jack across various trailer types, including yacht trailers, camping trailers, utility trailers, and horse trailers.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your SEALIGHT trailer jack.

- **Cleaning:** Keep the jack clean from dirt, mud, and debris. Wipe down the exterior with a damp cloth.

- **Lubrication:** Periodically apply a suitable grease or lubricant to the screw mechanism and moving parts to ensure smooth operation and prevent corrosion.
- **Inspection:** Before each use, inspect the jack for any signs of wear, damage, cracks, or loose fasteners. Pay close attention to the structural components, welds, and the integrity of the base.
- **Corrosion Protection:** The jack features a galvanized pipe and powder coating for corrosion resistance. However, in harsh environments, additional protective coatings or regular cleaning can further extend its life.
- **Storage:** When not in use, store the jack in a dry, protected area to prevent exposure to extreme weather conditions.

# WELL-DESIGNED BASE STRUCTURE



INCREASING THE FORCE AREA IS MORE CONDUCIVE TO THE USE OF JACKS IN SAND AND MUD



**Image 6.1:** A detailed view of the SEALIGHT trailer jack's well-designed base structure. The large diameter base is engineered to increase the force area, providing enhanced stability and preventing sinking when used on soft surfaces like sand or mud.

## 7. TROUBLESHOOTING

If you encounter issues with your SEALIGHT trailer jack, refer to the following common problems and solutions:

- **Jack is difficult to crank:**

- Check for excessive load. Ensure the load does not exceed 8000 lbs.
- Inspect for dirt or debris in the screw mechanism. Clean and lubricate as per maintenance instructions.
- Verify that the jack is not binding due to improper alignment or installation.

- **Jack does not hold position:**

- Immediately cease use. This indicates a serious internal malfunction.
- Do not attempt to repair. Contact customer support for assistance.

- **Unusual noises during operation:**

- Stop operation and inspect the jack for any loose parts or damage.
- Lubricate moving parts. If noises persist, discontinue use and seek professional advice.

For issues not covered here, or if troubleshooting steps do not resolve the problem, please contact SEALIGHT customer support.

## 8. SPECIFICATIONS

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Feature	Specification
Brand	SEALIGHT
Model	8000LB Hand-cranked
Load Capacity	8000 lbs (3628.74 kg)
Lifting Range	24.4 - 39 inches
Minimum Height	24.4 inches
Stroke	15 inches
Base Levels Adjustable	5 levels
Material	Alloy Steel, Carbon Steel, Galvanized Pipe
Color	Black
Product Dimensions (L x W x H)	66 x 21.5 x 16.5 cm
Item Weight	13.1 Kilograms
Manufacturer Part Number	8169FLJ006AUS

## 9. WARRANTY AND SUPPORT

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For warranty information, technical support, or to purchase replacement parts, please contact SEALIGHT customer service through their official website or the retailer where the product was purchased. Please have your model number (8000LB Hand-cranked) and manufacturer part number (8169FLJ006AUS) available when contacting support.

**Online Resources:** For additional information and support, visit the official SEALIGHT website.

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