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› JY PERFORMANCE Trailer Gate Lift Assist (Model MJ079) Instruction Manual

JY PERFORMANCE MJ079

JY PERFORMANCE Trailer Gate Lift Assist Instruction Manual

MODEL: MJ079

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your JY PERFORMANCE Trailer Gate Lift Assist. This 2-sided system is designed to significantly reduce the effort required to lift and lower heavy utility trailer tailgates or ramps, enhancing safety and convenience.



Image: The JY PERFORMANCE Trailer Gate Lift Assist system installed on a utility trailer.

Compatibility

The JY PERFORMANCE Trailer Gate Lift Assist is compatible with most open utility trailers featuring side rails between 12 to 24 inches in height and tailgates or ramps measuring 4 to 6 feet tall.

Fits Most Open Utility Trailers

Compatible with 12"-24" side rails and 4'-6' tailgates or ramps.



Image: A diagram illustrating the compatible dimensions for trailer side rails (12-24 inches) and tailgate/ramp height (4-6 feet).

Ideal for Trailers with Heavy Tailgates

Suitable for utility, landscape, and cargo trailers.



Image: Various utility trailers demonstrating the ideal application for the lift assist, particularly for trailers with heavy tailgates.

Components Included

The complete kit includes all necessary components for installation:

- Lift assist mechanisms (2 units)
- Wire ropes

- Mounting hardware (bolts, nuts, washers)
- Installation guide

Complete Mounting Hardware Included

Includes wire rope, brackets, and bolts for easy setup.



Material:
Heavy Duty Steel

Side Rails Range:
12-24 Inches

Height Tailgate or Ramp Range:
4-6 Feet

Load Capacity:
300 LBS

Image: A visual representation of all parts included in the kit, such as the main lift assist units, springs, wire ropes, and various mounting hardware.

Setup and Installation

Installation of the Trailer Gate Lift Assist requires basic tools and adherence to the provided installation guide. The system is designed for a quick and efficient setup.

General Installation Steps:

1. **Prepare the Trailer:** Ensure the trailer tailgate is in a stable, closed position. Clear the area where the lift assist will be mounted.
2. **Position the Units:** Place the lift assist mechanisms on each side of the trailer, aligning them with the side rails.
3. **Mark and Drill:** Carefully mark the drilling points according to the installation guide. Drill holes as specified.*Note: Some trailers, especially those with flat angle iron frames, may require different bolt lengths or spacers than the standard metric hardware provided. Verify fitment before drilling.*
4. **Secure the Mechanisms:** Attach the lift assist units using the provided mounting hardware. Ensure all bolts are tightened securely.
5. **Install Wire Ropes:** Connect the wire ropes from the lift assist mechanisms to the tailgate, following the specific routing instructions.
6. **Test Operation:** Once installed, slowly open and close the tailgate to ensure smooth and balanced operation. Adjust as necessary.

Dual-Side Lift Assist Design

Balanced lifting prevents uneven wear and extends the life of your trailer gate.



Longevity



Stability



Balance



Image: A close-up view of the dual-side lift assist design, highlighting how it ensures balanced lifting and reduces uneven wear on the tailgate.

Operating Instructions

The JY PERFORMANCE Trailer Gate Lift Assist is designed to make lifting and lowering your trailer tailgate nearly effortless. After proper installation, the system distributes the tailgate's weight, allowing for smooth and controlled movement with minimal physical exertion.

To Open the Tailgate:

- Release any latches or pins securing the tailgate.
- Gently pull the tailgate downwards. The lift assist system will engage, providing resistance and controlling the descent.
- Guide the tailgate to its fully open position.

To Close the Tailgate:

- Grasp the tailgate and lift upwards. The lift assist system will aid in lifting, making the tailgate feel significantly lighter.
- Continue lifting until the tailgate is in the fully closed position.
- Secure the tailgate with its latches or pins.

Effortless Tailgate Lifting

After installation,
the tailgate becomes nearly weightless for easy lifting.

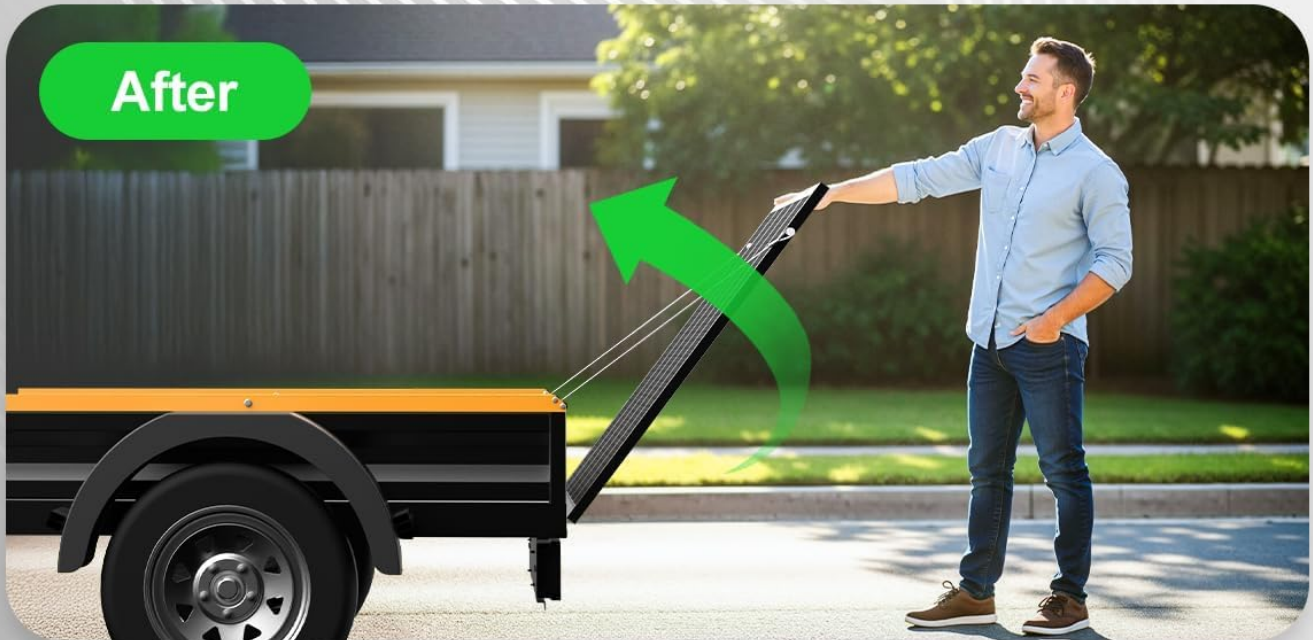


Image: A visual comparison showing the significant reduction in effort required to lift a tailgate after the lift assist system is installed.

Maintenance

Regular maintenance ensures the longevity and optimal performance of your JY PERFORMANCE Trailer Gate Lift Assist.

- **Inspect Regularly:** Periodically check all mounting hardware, wire ropes, and moving parts for signs of wear, corrosion, or damage.

- **Lubrication:** Apply a suitable lubricant to moving components, such as hinges and pivot points, to ensure smooth operation and prevent rust.
- **Cleaning:** Keep the system clean from dirt, debris, and road grime. Use a mild detergent and water, then dry thoroughly.
- **Tighten Fasteners:** Re-tighten all bolts and nuts as needed to maintain secure attachment.
- **Replace Worn Parts:** If any component shows significant wear or damage, replace it immediately with genuine JY PERFORMANCE parts to ensure safety and functionality.

Troubleshooting

If you encounter issues with your Trailer Gate Lift Assist, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Tailgate is still heavy or difficult to lift.	Incorrect installation; Worn springs; Improper wire rope tension.	Review installation steps. Check springs for damage. Adjust wire rope tension according to the guide.
Uneven lifting or lowering.	One side of the assist system is not functioning correctly; Uneven tension on wire ropes.	Inspect both lift assist units for damage. Ensure wire ropes are equally tensioned.
Squeaking or grinding noises.	Lack of lubrication; Loose components; Debris in moving parts.	Lubricate moving parts. Tighten all fasteners. Clean the system thoroughly.
Wire rope fraying or breaking.	Excessive wear; Improper routing; Damage from external factors.	Replace the wire rope immediately. Ensure correct routing and inspect for sharp edges.

If problems persist after troubleshooting, contact JY PERFORMANCE customer support.

Specifications

Key specifications for the JY PERFORMANCE Trailer Gate Lift Assist (Model MJ079):

Feature	Detail
Brand	JY PERFORMANCE
Model	MJ079 (Trailer Tailgate Lift Assist System)
Material	Alloy Steel
Color	Yellow
Item Weight	27 Pounds
Product Dimensions	37"L x 6"W x 5"H
Load Capacity	300 Pounds
Compatible Side Rail Height	12 to 24 Inches
Compatible Tailgate/Ramp Height	4 to 6 Feet

Feature	Detail
UPC	810178440917



Image: A visual emphasizing the robust construction and 300 lbs load capacity of the lift assist system, made from heavy-duty powder-coated steel for strength and corrosion resistance.

Warranty Information

For specific warranty details regarding your JY PERFORMANCE Trailer Gate Lift Assist, please refer to the documentation included with your purchase or contact JY PERFORMANCE directly. Warranty terms typically cover manufacturing defects and material flaws for a specified period from the date of purchase.

Customer Support

Should you require assistance with installation, troubleshooting, or have any questions about your JY PERFORMANCE Trailer Gate Lift Assist, please contact JY PERFORMANCE customer support. Refer to your product packaging or the official JY PERFORMANCE website for 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

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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

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