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› FLEXIMOUNTS GR46 4x6 Overhead Garage Storage Rack Instruction Manual

FLEXIMOUNTS GR46

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Model: GR46

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and proper installation, operation, and maintenance of your FLEXIMOUNTS GR46 4x6 Overhead Garage Storage Rack. Please read this manual thoroughly before beginning installation or use to ensure optimal performance and safety.

2. SAFETY INFORMATION

- **Weight Capacity:** Do not exceed the rated weight capacity of 450 lbs. The rack is tested to 900 lbs, but the safe operational limit is 450 lbs.
- **Installation:** Always attach the rack to solid wood studs/joists or a concrete wall. DO NOT mount to metal walls or drywall alone. Use a stud finder to locate joists accurately.
- **Personnel:** Installation typically requires two people for safety and ease of assembly.
- **Tools:** Use appropriate tools and wear safety gear, including eye protection, during installation.
- **Clearance:** Ensure adequate clearance for garage doors and vehicles after installation. The rack offers an adjustable height from 22 to 40 inches.

3. PACKAGE CONTENTS

Verify all components are present before beginning assembly. Refer to the included parts list in your package for exact quantities.

- Ceiling Brackets
- Vertical Posts (Upper and Lower)
- Wire Grids
- Connecting Bars
- All necessary bolts, nuts, and washers
- Installation Template

4. SPECIFICATIONS

Feature	Detail
Model Number	GR46
Dimensions (L x W x H)	72 in. L x 48 in. W x 22-40 in. H (Adjustable)
Rated Weight Capacity	450 lbs
Tested Weight Capacity	900 lbs
Material	Heavy Cold-Rolled Steel
Color	White
Mounting Type	Ceiling Mount
Ceiling Joist Spacing	Fits all joist spacing $\leq 24"$; if $> 24"$, only fits 48" spacing.
Ceiling Angle Compatibility	Under 15 degrees

5. SETUP AND INSTALLATION

5.1 Pre-Installation Considerations

- **Ceiling Type:** Suitable for wood studs/joists and concrete walls. Not compatible with metal walls.
- **Joist Spacing:** Use a stud finder to locate ceiling joists. The rack fits all joist spacing $\leq 24"$. If joist spacing is $> 24"$, it only fits 48" spacing.
- **Location Planning:** Plan the exact location where the shelf will be installed in your garage. Ensure there is sufficient space for installation and access.

Compatible with joist spacing $\leq 24"$ or $=48"$

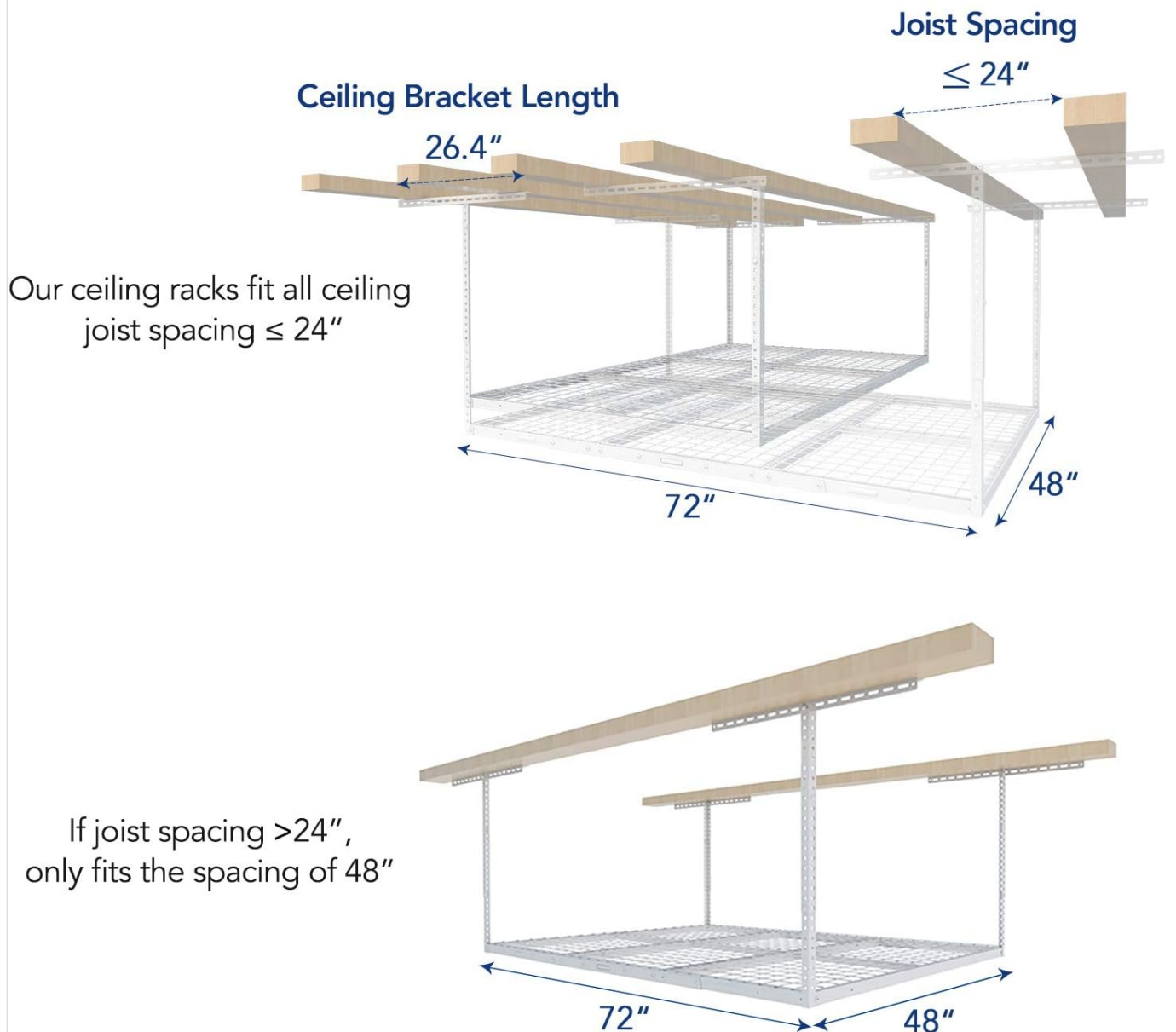


Image: Compatible with joist spacing $\leq 24"$ or $=48"$.



Image: Installation options for wood joists and concrete ceilings.

5.2 Step-by-Step Installation

Follow the detailed instructions provided in your product's physical manual. The general steps are outlined below:

1. **Mark Mounting Points:** Use the provided installation template to accurately mark the mounting points on your ceiling.
2. **Install Ceiling Brackets:** Secure the ceiling brackets to the joists or concrete using the appropriate hardware. FLEXIMOUNTS brackets are designed to attach to two joists for enhanced stability.
3. **Attach Vertical Posts:** Connect the upper and lower vertical posts to the installed ceiling brackets. Adjust the height as desired (22 to 40 inches).
4. **Assemble Connecting Bars:** Attach the connecting bars to the lower posts.
5. **Install Wire Grids:** Place the wire grids onto the assembled frame, ensuring the wider edges face outward. Secure all screws.

Ceiling brackets are designed to be attached to 2 joists

It allows more flexible installation and the whole set is more secure

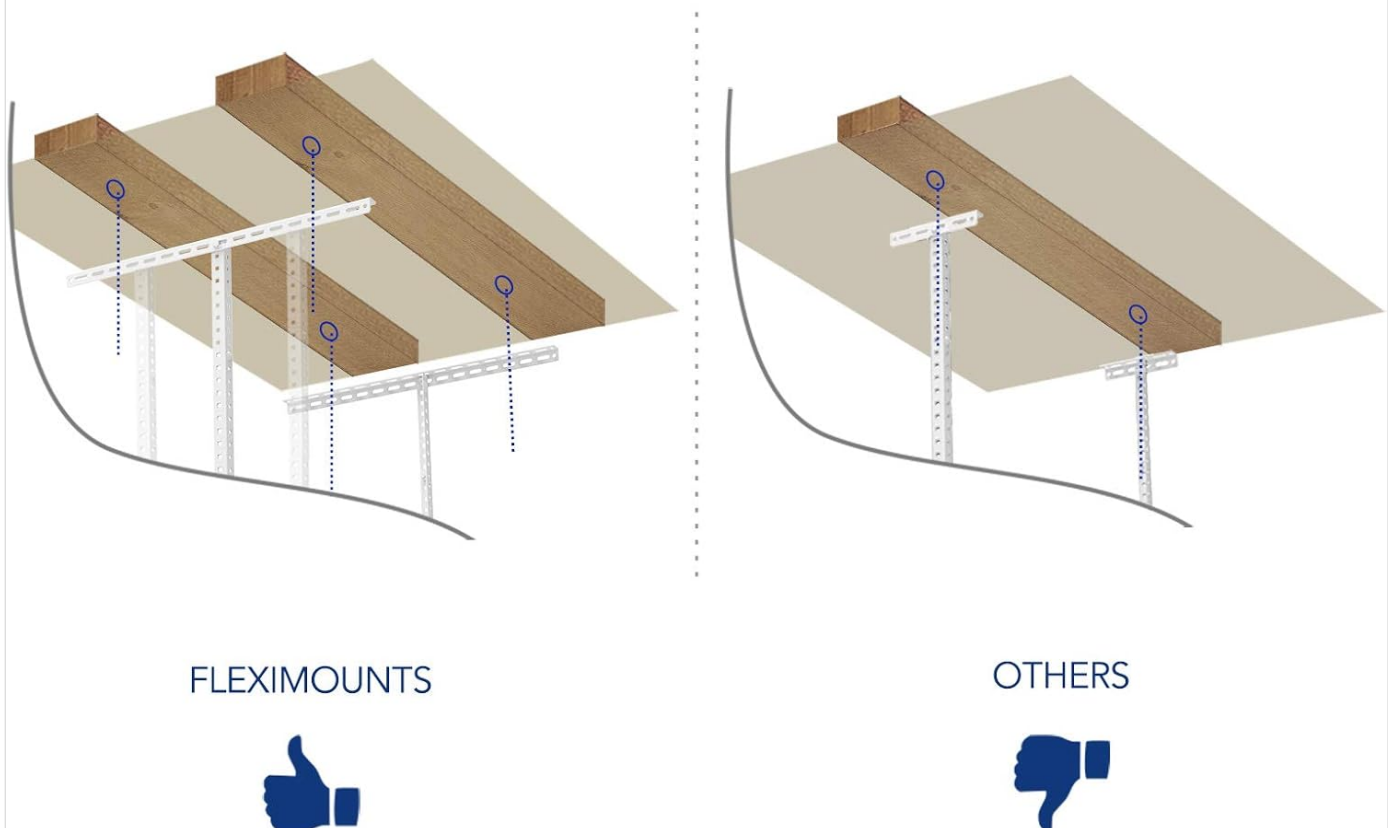


Image: FLEXIMOUNTS ceiling brackets are designed to be attached to two joists for enhanced stability.

Easier DIY installation with step-by-step diagrams

Installation Template helps make plan

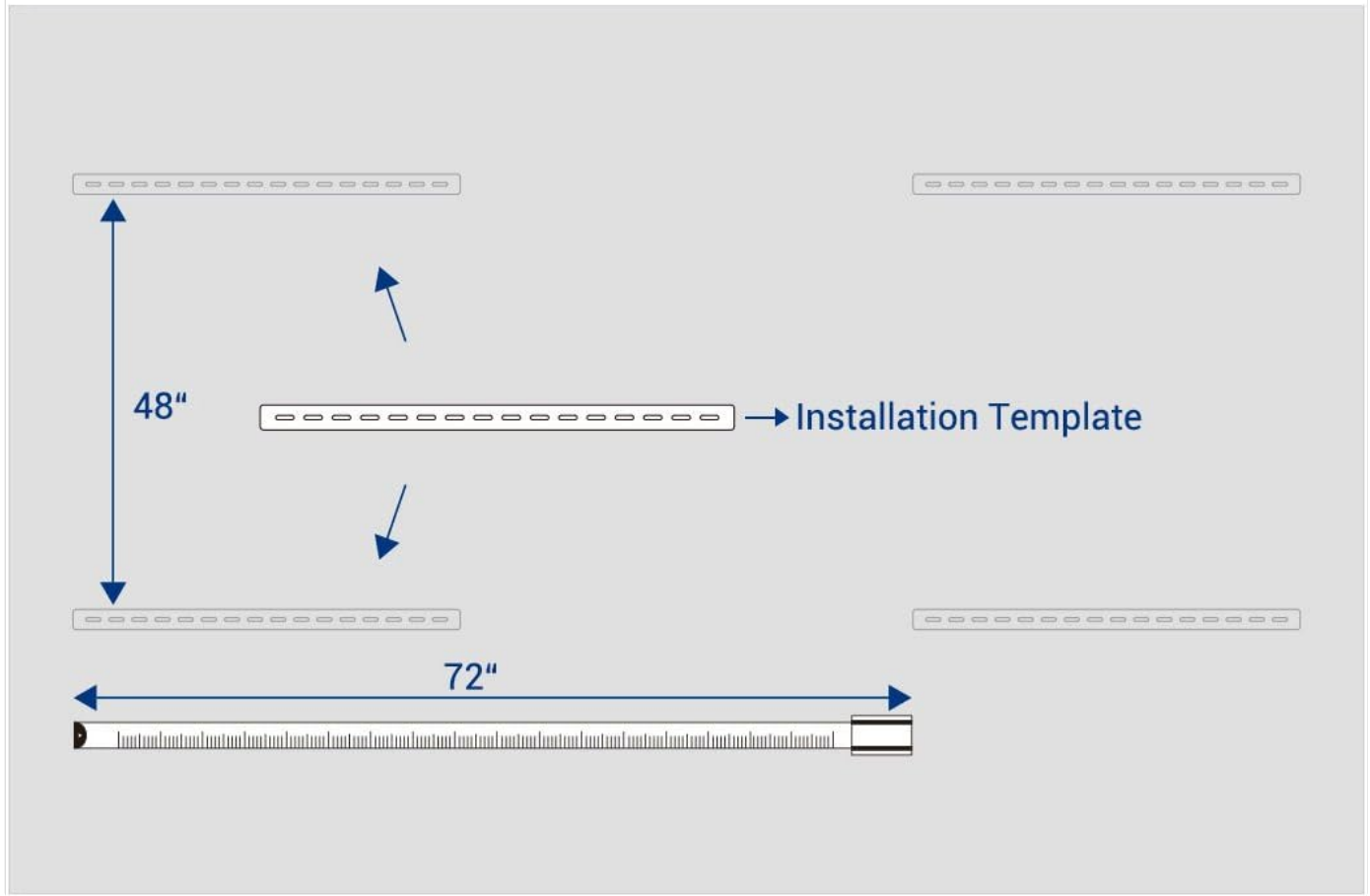


Image: Easier DIY installation with step-by-step diagrams and installation template.

5.3 Installation Video Guide

Video: Official FLEXIMOUNTS 4' x 6' Overhead Storage Rack Installation Guide. This video provides a visual walkthrough of the installation process.

6. OPERATING INSTRUCTIONS

Once installed, your FLEXIMOUNTS overhead rack provides significant storage space. Follow these guidelines for optimal use:

- **Loading:** Distribute weight evenly across the rack surface. Avoid concentrating heavy items in one area.
- **Weight Limit:** Do not exceed the 450 lbs weight capacity. Overloading can compromise the rack's integrity and lead to failure.
- **Item Placement:** Store seasonal and unused items such as tools, holiday decorations, or sports equipment. Ensure items are securely placed and do not protrude excessively.
- **Accessibility:** Use a sturdy step ladder or stool to safely access items on the rack.

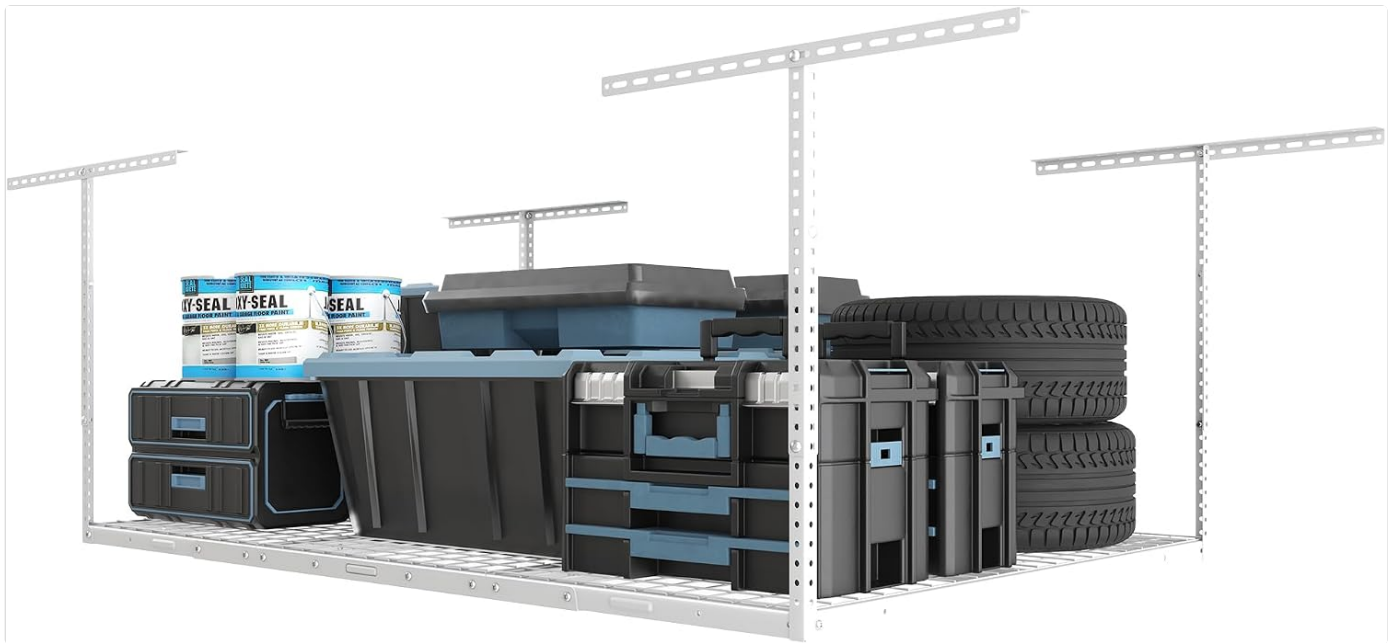
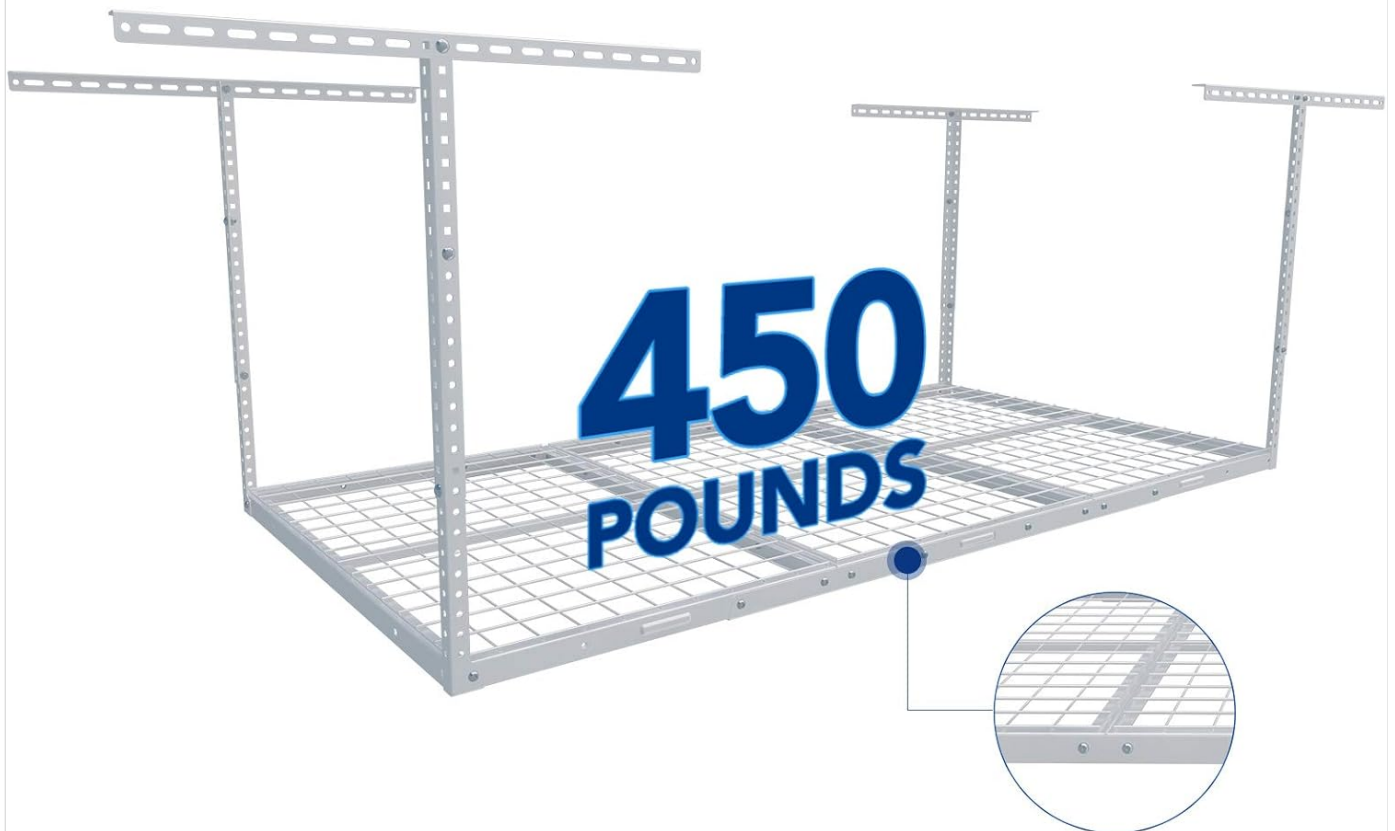


Image: The FLEXIMOUNTS rack in use, storing various items securely overhead.

Heavy gauge steel construction

Safely loading up to 450lbs



Heavy gauge steel wire grid

Image: Heavy gauge steel construction ensures a 450 lbs rated weight capacity.

Regular maintenance helps ensure the longevity and safety of your storage rack:

- **Periodic Inspection:** Periodically check all bolts and connections to ensure they remain tight. Tighten any loose fasteners.
- **Cleaning:** Clean the rack with a damp cloth and mild detergent as needed. Avoid abrasive cleaners that could damage the finish.
- **Damage Check:** Inspect the rack for any signs of damage, bending, or corrosion. If damage is found, discontinue use and contact customer service.

8. TROUBLESHOOTING

- **Rack feels unstable:** Ensure all mounting bolts are securely fastened to solid joists/concrete. Verify that weight is evenly distributed and not exceeding the capacity.
- **Difficulty during installation:** Double-check joist spacing and ceiling type compatibility. Refer to the installation video and manual for detailed steps. Ensure all parts are correctly identified and oriented.
- **Garage door interference:** Adjust the vertical posts to a higher setting to provide adequate clearance for your garage door.

Video: This video demonstrates how the rack clears a garage door, useful for planning installation height.

9. WARRANTY

The FLEXIMOUNTS GR46 Overhead Garage Storage Rack comes with a **Limited Lifetime Warranty**. For specific terms and conditions, please refer to the warranty documentation included with your product or contact customer support.

10. CUSTOMER SUPPORT

If you have any questions, require assistance with installation, or need to report a missing/damaged part, please contact FLEXIMOUNTS customer service. Contact information can be found on the product packaging or the official FLEXIMOUNTS website.

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

Email

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Question

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question