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› FLEXIMOUNTS GL1 Overhead Garage Lifting Storage Rack Instruction Manual

FLEXIMOUNTS GL1

FLEXIMOUNTS GL1 Overhead Garage Lifting Storage Rack Instruction Manual

Model: GL1 - 4x4 Ft Heavy-Duty Metal Garage Ceiling Rack

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1. PRODUCT OVERVIEW

The FLEXIMOUNTS GL1 Overhead Garage Lifting Storage Rack is designed to maximize your garage space by utilizing ceiling areas for storage. This heavy-duty metal rack features an adjustable organization system with a 71-inch axle and a 350 lbs weight capacity. Its innovative lifting design allows for easy access to stored items without the need for a ladder.

Key Features:

- **Lifting Design:** Use the included hand crank or a power drill (not included) to effortlessly raise and lower the rack. The maximum lifting range is 79 inches, suitable for ceiling heights less than 10 feet.
- **Sturdy and Safe:** Features a double rope design for enhanced security and a pressure-rivet design to prevent the shelf from falling. A specially designed safety lock prevents movement when not in use.
- **High Quality:** Constructed with heavy-duty steel and premium hardware, rigorously tested to handle a total of 600 lbs, ensuring safety and durability. Safely loads up to 350 lbs.
- **Maximize Garage Space:** The 4x4 ft deck provides an efficient storage solution, protecting belongings and freeing up floor space.
- **Easy Installation:** The axle with ropes comes preassembled, and the wire grid features an integrated folding design, simplifying setup. An installation template, along with paper and video instructions, is provided.



Image 1: The FLEXIMOUNTS GL1 Overhead Garage Lifting Storage Rack showcasing its 71-inch axle and 48-inch width, designed for efficient overhead storage.



Image 2: Visual representation of the FLEXIMOUNTS GL1 rack's robust construction, highlighting its safe load capacity of 350 lbs, tested for durability up to 600 lbs.

2. SETUP

Important Considerations Before Installation:

- The 71-inch axle length exceeds the dimensions of the 4x4 ft deck. Ensure the supporting beam has adequate length.
- The rack is compatible with 12-inch, 16-inch, or 24-inch ceiling joist spacing. **Note: Not compatible with 18-inch joist spacing.**
- The wire deck reaches its highest point at approximately 10 inches below the ceiling.
- Two people are recommended for assembly.

Compatible with 12", 16", or 24" joist spacing

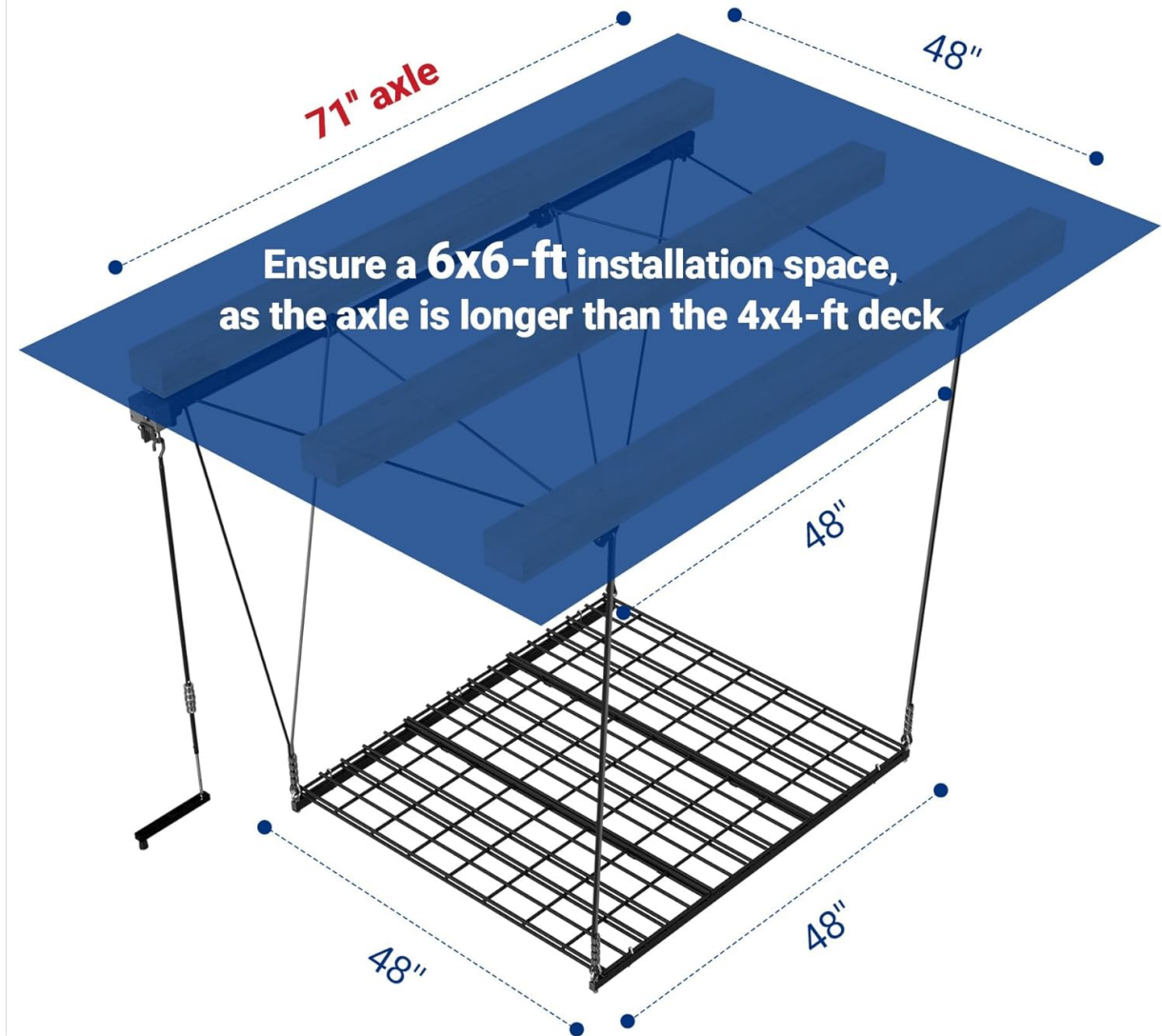


Image 3: Diagram illustrating the required 6x6 ft installation space for the 71-inch axle and compatibility with 12, 16, or 24-inch ceiling joist spacing.

Tools Needed (Not Provided):

- Wrench
- Gloves
- Safety Glasses
- Power Drill
- Pencil
- Screwdriver
- Tape Measure
- Stud Finder
- Ladder

Installation Steps:

1. **Plan Installation Location:** Use a stud finder to locate the ceiling joists. Ensure the joist spacing is 12, 16, or 24 inches.
2. **Affix Installation Template:** Unfold the provided installation template and tape it firmly to the ceiling,

aligning it with the located joists.

3. **Install Ceiling Brackets:** Place the ceiling brackets in the corresponding slots on the template. The notch of the ceiling bracket faces inward. Use a pencil to mark the mounting points. Drill pilot holes (2.4 inches deep, 0.2 inches diameter) at the center of each point. Loosely tighten the screws first, then tighten them all to prevent gaps. Remove the template after installing the brackets.
4. **Install Axle with Wire Rope:** Pay attention to the direction of the gearbox before inserting the axle. Stretch the axle until both holes are fully exposed, then affix the axle with bolts. Ensure the wire rope is evenly wrapped around the axle.
5. **Insert Wire Rope:** Pass the long wire rope through the pulley in the fixed bracket. Ensure that the black wires are on the outside and the wires do not cross.
6. **Assemble Wire Grid:** Expand the wire grid. The label should face up. The two stacked wire grid cables should be perpendicular to the platform support.
7. **Attach Wire Grid:** Pass the wire rope through the holes on both sides of the platform supports. Use the J-bolt to attach the wire grid to the platform supports. The wire grid should be installed in the center.
8. **Install Hand Crank and Winding Pole:** Fix the hand crank to the bottom of the winding pole. Unscrew the two screws to adjust the length of the winding pole. You can also use a power drill to rotate the pole.

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Video 1: Official FLEXIMOUNTS GL1 Installation Guide. This video provides a step-by-step visual walkthrough of the installation process, from planning the location to assembling the wire grid and axle system.

3. OPERATING INSTRUCTIONS

The FLEXIMOUNTS GL1 is designed for easy and safe operation. Follow these steps to raise and lower your storage rack:

1. **Before Use:** Pull out the safety lock on the gearbox using the winding pole.
2. **Adjust the Height:** Insert the winding pole into the ring on the gearbox. Rotate the handle (or use a power drill) to move the rack up or down.
3. **After Use:** Once the rack is at the desired height, lock the safety lock after lifting to prevent any movement.

The maximum lifting range is 79 inches, making it suitable for ceiling heights less than 10 feet. This allows for convenient loading and unloading of items without a ladder.

Suitable for Ceiling Height Up to 10 Feet

Lifting range
up to 79 inches

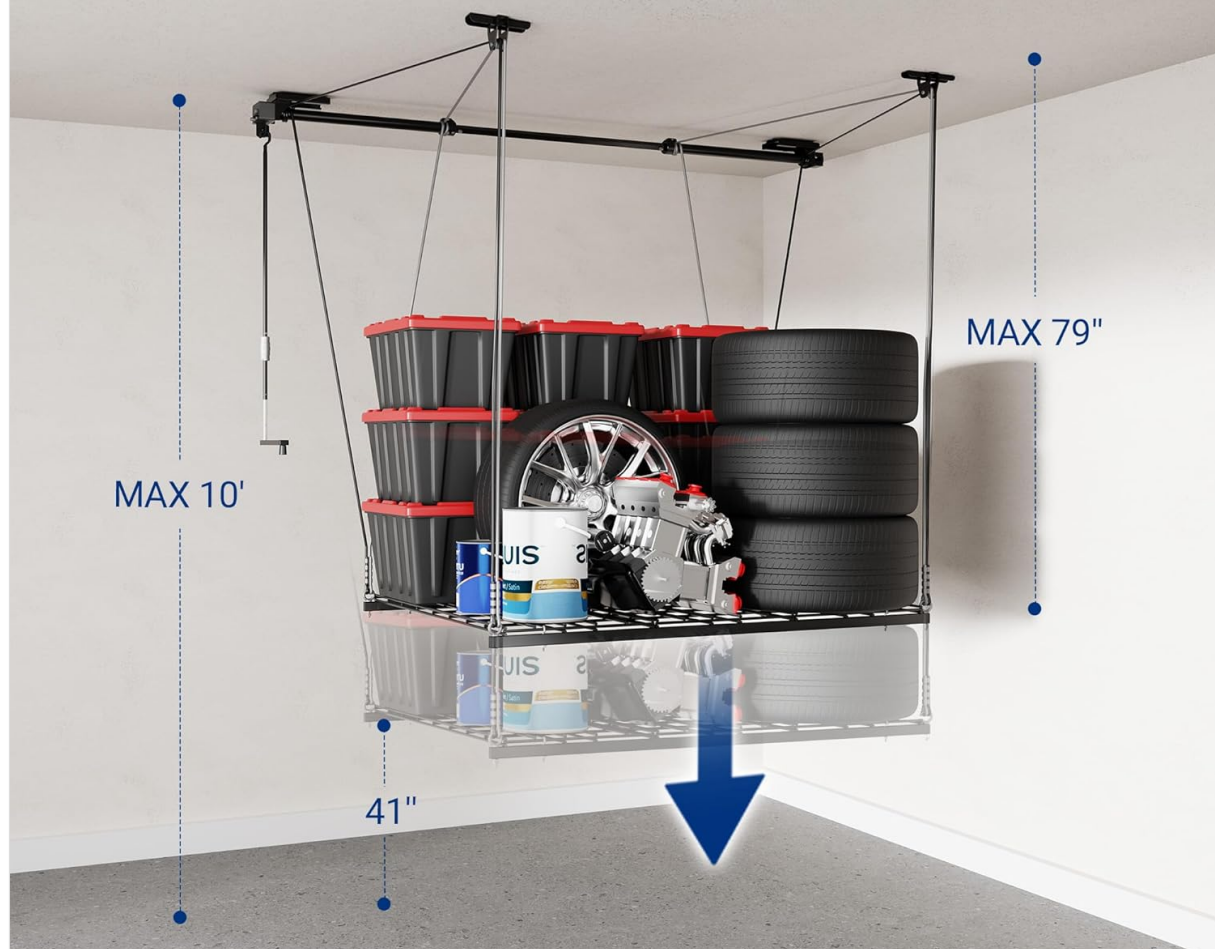


Image 4: The FLEXIMOUNTS GL1 rack demonstrating its adjustable lifting range of up to 79 inches, suitable for garage ceilings up to 10 feet high.

SAFE

- Lifting design eliminates need for ladders
- Safe, effortless and convenient



Image 5: A user interacting with the FLEXIMOUNTS GL1 rack, highlighting its lifting design that eliminates the need for ladders, promoting safe and convenient use.

4. MAINTENANCE

To ensure the longevity and safe operation of your FLEXIMOUNTS GL1 storage rack, regular maintenance is recommended:

- Periodically inspect all bolts and screws to ensure they are securely tightened.
- Check the wire ropes for any signs of fraying, wear, or damage. Replace immediately if any damage is observed.
- Ensure the safety lock mechanism is functioning correctly and engages fully after each use.
- Keep the winding mechanism clean and free from debris to ensure smooth operation.

5. TROUBLESHOOTING

If you encounter any issues with your FLEXIMOUNTS GL1 storage rack, please refer to the following common troubleshooting tips:

- **Rack is uneven when lifting/lowering:** Ensure the weight is evenly distributed on the rack. Check that the wire ropes are not crossed or tangled.
- **Difficulty in raising/lowering:** Verify that the safety lock is fully disengaged. Ensure the winding pole or drill is properly inserted and engaged with the gearbox. Check for any obstructions preventing smooth movement.
- **Unusual noises during operation:** Inspect the pulleys and cables for any foreign objects or damage. Ensure all moving parts are clean.

For any persistent issues or concerns, please contact our professional customer service team.

6. SPECIFICATIONS

Attribute	Value
Brand	FLEXIMOUNTS
Model Number	GL1
Color	Matt Black
Material	Metal
Item Dimensions (L x W x H)	48 x 71 x 79 inches
Unit Count	1.0 Count
Finish Types	Powder Coated
Mounting Type	Ceiling Mount
Maximum Weight Recommendation	350 Pounds (Safely loads)
UPC	810072839817

7. WARRANTY AND SUPPORT

FLEXIMOUNTS is committed to providing high-quality products and excellent customer service. If you have any questions, concerns, or require assistance with your GL1 Overhead Garage Lifting Storage Rack, our professional customer service team is available to assist you 24/7.

Please refer to the contact information provided in your product packaging or visit the official FLEXIMOUNTS website for support.