

Heavy Duty 3-Tier Metal Shelving Rack (72" H x 77" W x 24" D)

User Manual

Heavy Duty 3-Tier Metal Garage Storage Shelves
Model: Heavy Duty 3-Tier Metal Shelving Rack (72"H x 77"W x 24"D)

Introduction	Safety Information	Package Contents	Specifications	Assembly	Operation
	Maintenance	Troubleshooting	Support		

1. INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your new Heavy Duty 3-Tier Metal Garage Storage Shelves. Designed for robust storage solutions, this unit features an all-metal structure capable of supporting heavy items, making it suitable for various environments such as garages, warehouses, basements, and more. Please read this manual thoroughly before assembly and use to ensure proper installation and safe operation.



Figure 1.1: The Heavy Duty 3-Tier Metal Garage Storage Shelves in use.

2. SAFETY INFORMATION

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

- Ensure the shelf is securely mounted to the floor or wall if necessary, and does not exceed the maximum weight capacity of 6000 LBS (2721 kg) to prevent tipping or collapse.
- Distribute weight evenly across shelves. Avoid concentrating heavy loads on one side or corner.
- Do not climb on the shelving unit.
- Keep children and pets away from the shelving unit during assembly and use.
- Wear appropriate safety gear, such as gloves, during assembly to prevent cuts or pinches.
- Inspect the shelving unit regularly for any signs of damage or instability. Do not use if damaged.
- Assemble the unit on a flat, stable surface.

3. PACKAGE CONTENTS

Verify that all components are present before beginning assembly. If any parts are missing or damaged, contact customer support.

- Vertical Support Posts (Quantity: Varies by design, typically 4-8)
- Horizontal Beams/Crossbars (Quantity: Varies, typically 6-12 for 3 tiers)
- Wire Mesh Shelving Panels (Quantity: 3)
- Rubber Mallet (1)
- Pair of Gloves (1)
- Instruction Manual (This document)

QUICK AND EASY INSTALLATION WITHIN 10 MINUTES



10 MINUTES ASSEMBLE



SUGGEST USING TOOLS



Figure 3.1: Included assembly tools. A rubber mallet and a pair of gloves are provided to assist with quick and easy assembly.

4. SPECIFICATIONS

Feature	Detail
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5. ASSEMBLY INSTRUCTIONS

This shelving unit features a no-screw and no-nut design for quick assembly, typically within 10 minutes. It is recommended to wear the provided gloves during assembly.

1. **Prepare the Area:** Choose a flat, stable surface for assembly. Ensure sufficient space around the unit.
2. **Assemble the Vertical Posts:** Connect the two halves of each vertical support post by sliding them together. Use the rubber mallet to gently tap them into place if needed, ensuring a secure fit.
3. **Attach Bottom Beams:** Begin by attaching the horizontal beams for the bottom shelf to the vertical posts. Insert the beam tabs into the slots on the posts. Ensure all four beams (two long, two short) are securely seated. Use the rubber mallet to tap them down for a tight connection.
4. **Place Bottom Shelf Panel:** Carefully place one wire mesh shelving panel onto the assembled bottom beams.
5. **Attach Middle Beams:** Determine the desired height for your middle shelf. Attach the horizontal beams for the middle shelf to the vertical posts at the chosen height, following the same method as the bottom beams.
6. **Place Middle Shelf Panel:** Place the second wire mesh shelving panel onto the middle beams.
7. **Attach Top Beams:** Attach the horizontal beams for the top shelf to the vertical posts.
8. **Place Top Shelf Panel:** Place the third wire mesh shelving panel onto the top beams.
9. **Final Check:** Ensure all beams are fully seated and the unit is stable. Gently rock the unit to confirm stability.

QUICK AND EASY INSTALLATION WITHIN 10 MINUTES



10 MINUTES ASSEMBLE



SUGGEST USING TOOLS



Figure 5.1: Visual guide for quick assembly, highlighting the included tools.

HEAVY-DUTY METAL SHELVING UP TO 6000LBS



Figure 5.2: Detail of the heavy-duty metal connection for secure assembly.

6. OPERATING INSTRUCTIONS

6.1. Loading the Shelves

- Distribute items evenly across each shelf to maintain balance and prevent stress points.
- Do not exceed the maximum weight capacity of 2000 LBS (907 kg) per shelf or 6000 LBS (2721 kg) for the entire unit.
- Place heavier items on lower shelves for increased stability.

6.2. Adjusting Shelf Height

The height of each shelf is adjustable to accommodate items of various sizes. To adjust a shelf:

1. Empty the shelf you wish to adjust.

2. Carefully lift the wire mesh panel off the horizontal beams.
3. Using the rubber mallet, gently tap upwards on the horizontal beams to dislodge them from the vertical posts.
4. Re-insert the horizontal beams into the desired slots on the vertical posts. Ensure they are level and fully seated. Use the rubber mallet to secure them.
5. Replace the wire mesh panel onto the adjusted beams.

HEIGHT ADJUSTABLE STORAGE SHELVES

ADJUST THE CROSS BARS ACCORDING TO DIFFERENT HEIGHTS

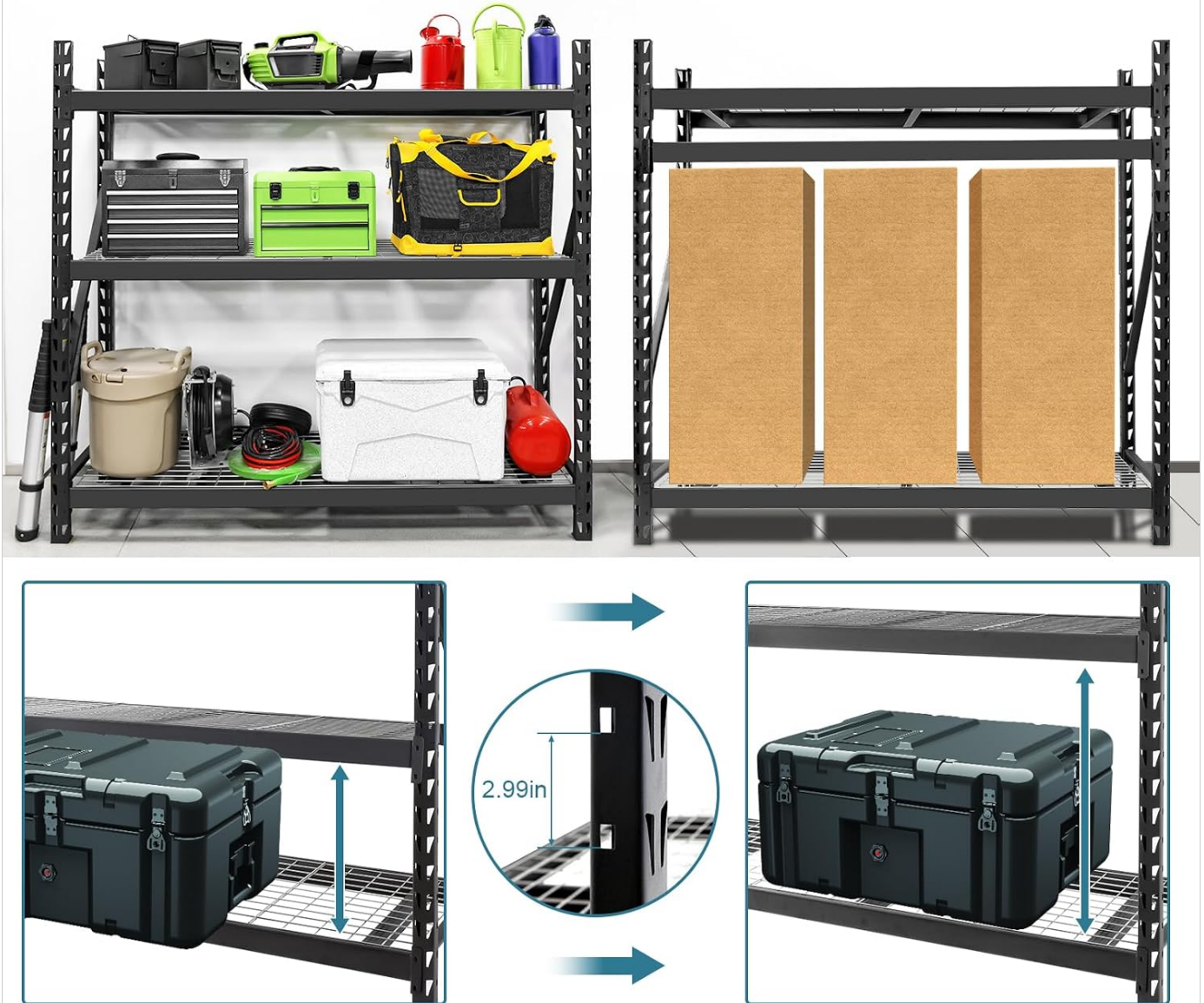


Figure 6.1: Adjusting the height of the storage shelves by repositioning the crossbars.

7. MAINTENANCE

- **Cleaning:** Wipe the shelving unit with a dry cloth to remove dust and debris. Avoid using abrasive cleaners or harsh chemicals that could damage the powder-coated finish.
- **Inspection:** Periodically check all connections to ensure they remain secure. Re-tap any loose beams with the rubber mallet if necessary.
- **Rust Prevention:** While the unit has a powder-coated finish, prolonged exposure to moisture can lead to rust. Store in a dry environment.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Shelving unit is wobbly or unstable.	Beams not fully seated; uneven floor; overloaded.	Ensure all beams are tapped down securely with the mallet. Move to a level surface. Redistribute or reduce load.
Difficulty inserting beams into slots.	Misalignment; burrs on metal.	Ensure correct orientation. Gently tap with the rubber mallet. If burrs are present, carefully file them down (wear gloves).
Shelf sags under load.	Exceeding weight capacity; uneven weight distribution.	Reduce the load on the shelf. Distribute weight more evenly across the entire shelf surface.

9. WARRANTY AND SUPPORT

For warranty information or technical support, please contact the retailer or manufacturer directly. Keep your purchase receipt for any warranty claims.

Manufacturer: RedRock
Brand: Generic
ASIN: B0CG3HBKMJ
UPC: 762715193063

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Details

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

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