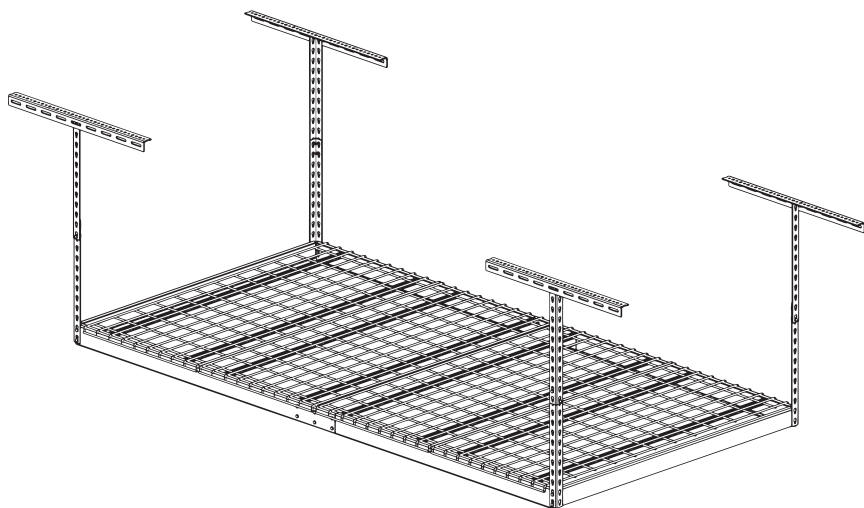




Assembly Instructions  
**Overhead Storage Racks**

4' x 8'   3' x 8'   2' x 8'  
4' x 6'   3' x 6'   2' x 6'



**Eagle Industrial Group, Inc.**

Rancho Santa Margarita, CA

877-655-3443

[support@saferacks.com](mailto:support@saferacks.com)

[www.saferacks.com](http://www.saferacks.com)

U.S. Patents D553,401 / 7,357,262 / D697,785 / 7,152,535 / D756,145 Other Patents Pending

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## BEFORE YOU BEGIN

You may choose to install your Overhead Rack yourself or have it installed by a certified professional.



### NEED IT INSTALLED?

Call 877-655-3443, scan the QR Code, or visit [www.saferacks.com/installation](http://www.saferacks.com/installation) to schedule your appointment.



### DIY INSTALLATION?

Scan this QR Code to view a digital copy of these instructions.

## NEED A HIGHER WEIGHT CAPACITY?

Your SafeRacks 4'x8' Overhead Storage Rack can be upgraded to our **Super Duty Frame (SDF)**. Our Super Duty Frame is installed with heavy duty ceiling brackets, 96" C-Channel Beams, 1-piece vertical posts, and 3 center supports to reach an **800lb weight capacity!**

**The SafeRacks Super Duty 4'x8' must be installed by a certified SafeRacks Installer.** Call us today at 877-655-3443 for pricing and availability!

## RECOMMENDED TOOLS FOR DIY INSTALLATION

- Power Drill
- 3/16" Drill Bit
- Socket Adapter
- 5/16" Socket
- 7/16" Socket
- Rubber Mallet
- Tape Measure
- Ladder
- Pen or Pencil
- Safety Glasses
- Stud Finder

## WARNING

SafeRacks is the premier provider of overhead storage racks. Our goal is to provide the highest quality ceiling racks, designed to utilize wasted space in your garage. We pride ourselves on delivering the best product backed by an unbeatable customer support team and installation division!

### WEIGHT CAPACITIES PER RACK SIZE

4' x 8' Rack (600lb)	3' x 6' Rack (400lb)
4' x 6' Rack (500lb)	2' x 8' Rack (400lb)
3' x 8' Rack (500lb)	2' x 6' Rack (300lb)

This is a DIY (Do It Yourself) project. Do not attempt this installation without basic understanding of the contents in these assembly instructions. If you are not confident with locating and anchoring your rack to the ceiling joists, do not attempt this installation without someone who is.

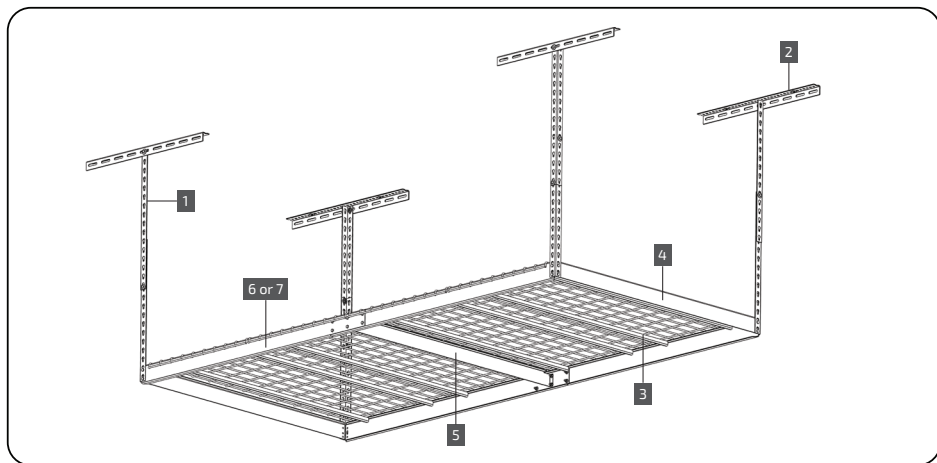
**WARNING:** These weight limits are based on statically loaded storage racks anchored to a wood framed structure. The joists should have a minimum 2" x 6" (standard lumber) cross section, 24" (or less) apart, with at least 2" of penetration from each lag screw used. For truss framed garage ceiling structures, joists with a 2" x 4" (bottom truss cord) cross section is acceptable. The weakest point in this system is the frame of your house.

**Load the overhead storage rack evenly, with heavy objects nearest the vertical posts and light objects nearest the center. Read the safety label on the rack and do not overload the storage rack. DO NOT climb on or hang from the storage rack.** Routinely inspect the storage rack to ensure rivets and wire decks are seated properly. The storage rack may experience some deflection the closer the maximum load is approached.

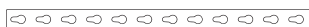
**DO NOT** install Overhead Racks into anything other than a traditional wood-framed garage with joists as described above. Installation into engineered I-beams, steel joists, concrete ceilings, and other non-traditional materials requires professional installation by a certified contractor. Warranty void if installed into engineered I-beams, steel joists, concrete ceilings, and other non-traditional materials.

**BOTTOM LINE:** These instructions, warnings and notes do not replace your sound judgement and decision making. If you feel the quality of your ceiling structure is in question, stop the installation process immediately. Use the storage rack wisely and enjoy your new found space!

## COMPONENTS AND HARDWARE



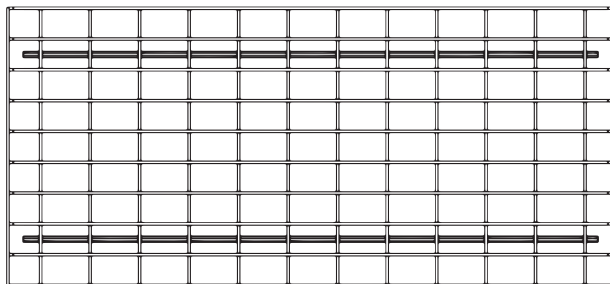
**1** Vertical Post \*



**2** 27" Ceiling Bracket



**3** Wire Deck \*



**4** Side Rail \*



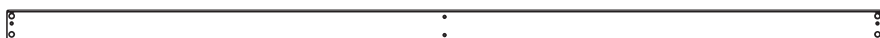
**5** Center Support \*



**6** 52" C-Channel Beams - for 8ft Racks ONLY



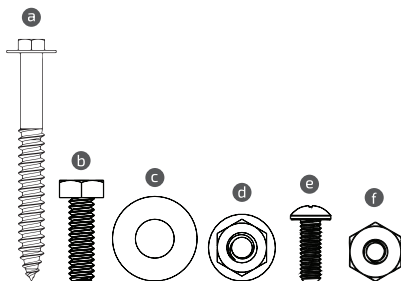
**7** 72" C-Channel Beams - for 6ft Racks ONLY



\* Dimensions differ depending on the size of your rack

## Hardware

- a** (x8) Lag Bolts (5/16"x3")
- b** (x24) Hex Bolts (1/4"-20x3/4")
- c** (x32) Washer (5/16")
- d** (x24) Lock Nut (1/4"-20)
- e** (x8) Machine Screw (#8-32 x 1/2")
- f** (x8) Hex Nut (#8-32)



**Note:** 6ft Racks include x8 extra Hex Bolts (b) and x8 extra Lock Nuts (d).

## AVAILABLE STORAGE RACK SIZES

Before you begin, verify that you have received all of your components. If any of the listed components are missing, please call 877-655-3443 or email [support@saferacks.com](mailto:support@saferacks.com).

### 4' x 8' Rack:

- (x2) 48" Side Rail
- (x1) 48" Center Support
- (x4) 22.5" x 48" Wire Deck
- (x4) 52" C-Channel Beam
- (x8) Vertical Post
- (x4) 27" Ceiling Bracket
- (x1) Hardware Bag

### 4' x 6' Rack:

- (x2) 48" Side Rail
- (x1) 48" Center Support
- (x3) 22.5" x 48" Wire Deck
- (x2) 72" C-Channel Beam
- (x8) Vertical Post
- (x4) 27" Ceiling Bracket
- (x1) Hardware Bag

### 3' x 8' Rack:

- (x2) 36" Side Rail
- (x1) 36" Center Support
- (x4) 22.5" x 36" Wire Deck
- (x4) 52" C-Channel Beam
- (x8) Vertical Post
- (x4) 27" Ceiling Bracket
- (x1) Hardware Bag

### 3' x 6' Rack:

- (x2) 36" Side Rail
- (x1) 36" Center Support
- (x3) 22.5" x 36" Wire Deck
- (x2) 72" C-Channel Beam
- (x8) Vertical Post
- (x4) 27" Ceiling Bracket
- (x1) Hardware Bag

### 2' x 8' Rack:

- (x2) 24" Side Rail
- (x1) 24" Center Support
- (x4) 22.5" x 24" Wire Deck
- (x4) 52" C-Channel Beam
- (x8) Vertical Post
- (x4) 27" Ceiling Bracket
- (x1) Hardware Bag

### 2' x 6' Rack:

- (x2) 24" Side Rail
- (x1) 24" Center Support
- (x3) 22.5" x 24" Wire Deck
- (x2) 72" C-Channel Beam
- (x8) Vertical Post
- (x4) 27" Ceiling Bracket
- (x1) Hardware Bag

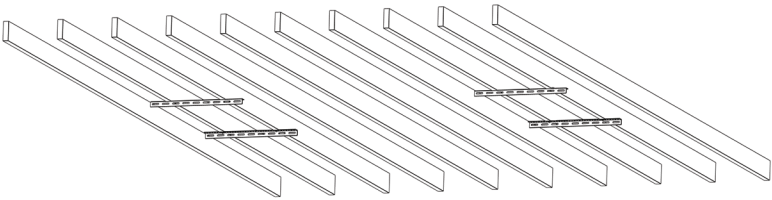
## INSTALLATION OVERVIEW

Please read through the assembly instructions completely. Once you understand all of the installation steps, proceed with the installation.

**Note:** these instructions depict a 4' x 8' rack installation. All rack sizes can be installed based on these set of instructions.

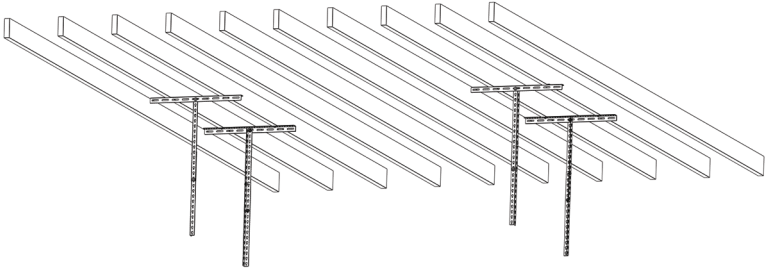
### 1. Install your ceiling brackets

Brackets may be installed Perpendicular across 2 joists or Parallel along 1 joist (see pg. 8 for Parallel diagram).

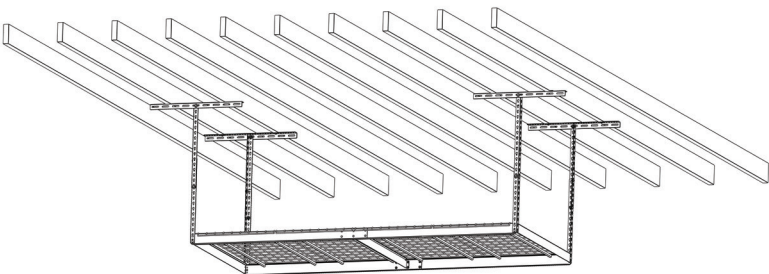


**Note:** illustration shows perpendicular installation across 2 joists.

### 2. Fasten vertical posts to your ceiling brackets.



### 3. Attach side rails, C-Channels, center support and mount your decks.



## FINDING THE PERFECT LOCATION

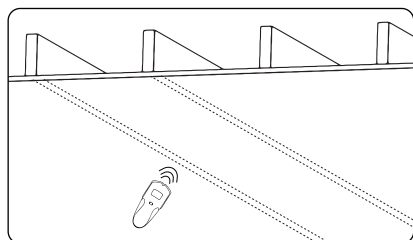
Identify the ceiling location where your rack will be installed and determine how far from the ceiling you want the rack to hang (consider nearby objects like garage doors, overhead lights, cars, etc).

If your garage ceiling is finished with drywall, you will need a stud finder to determine your joist direction and find your joists for installation.

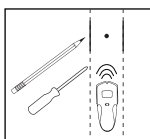
Ceiling brackets may be installed parallel or perpendicular to the joists.

In most cases, joists will run from the front of the garage to the back. In other cases, joists will run side to side. In rare cases, joists may be at odd intervals, greater than 24" apart, or even switch directions in different parts of your ceiling. If this is the case, please contact us as we have longer ceiling brackets available for purchase (United States Only).

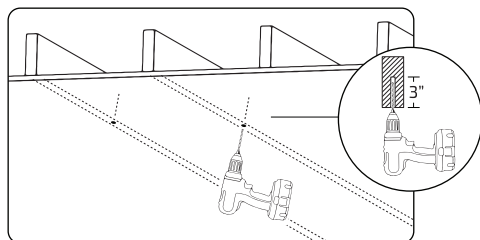
## INSTALLING YOUR CEILING BRACKETS



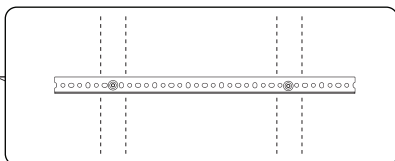
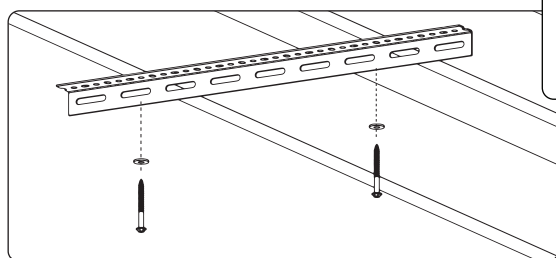
Locate your joists using a stud finder and mark the edges and midpoint of each joist (joists are typically spaced 16" on center).



Verify joist center and edges by punching holes with a small nail or screw driver along your pencil marks.



Using your 3/16" drill bit, drill a pilot hole 3" deep at each center marked location. Ensure that the holes are in the center of each joist.

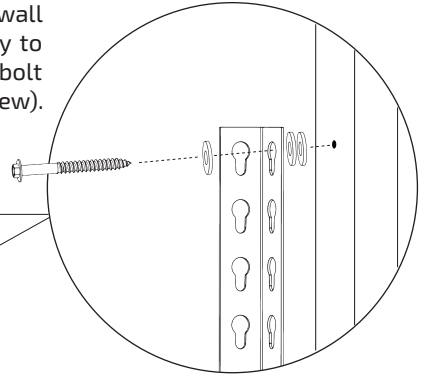
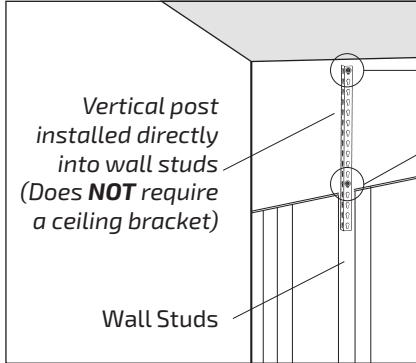


Screw the 3" lag bolts (a) through the ceiling brackets into the drilled pilot holes using a washer (c) under the head of each screw.

**Note:** ceiling brackets may be installed in either orientation; circular or slotted holes against the ceiling. Keep orientation consistent across all ceiling brackets.

### Alternate installation option:

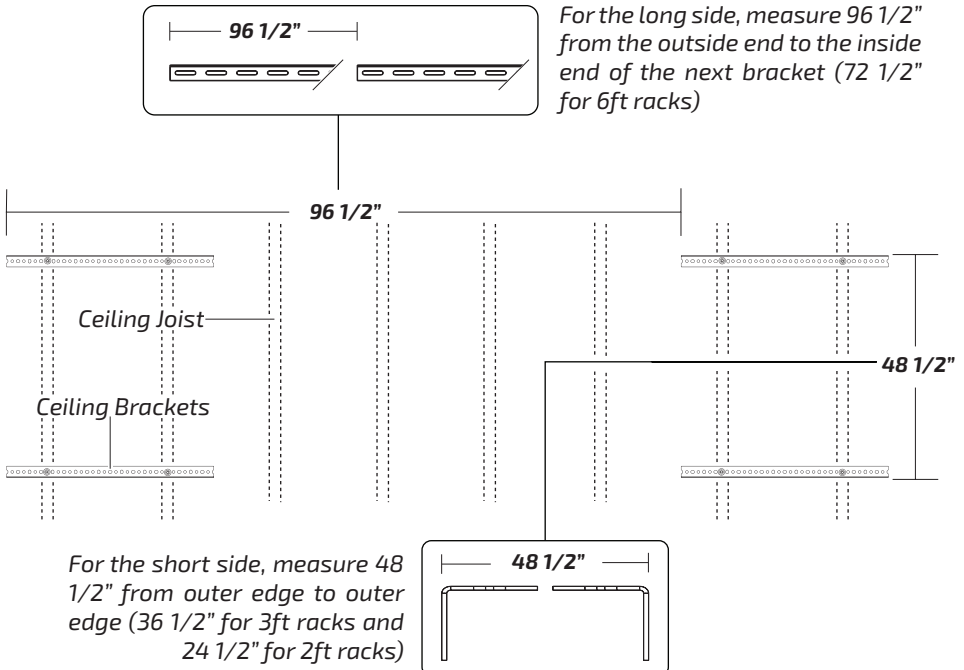
If the vertical posts are centered with the wall studs, you can screw the vertical post directly to the wall stud using x3 washers (c) and x1 lag bolt (a) (2 against the wall and 1 through the lag screw).



Install the lag bolts loosely at first to ensure room for assembling the rest of the rack and leaving room for the wire decking which sits over the lip of the rack.

### Perpendicular Installation (preferred method):

Once the first ceiling bracket is installed, measure the necessary distances for the remaining ceiling brackets.



## Parallel installation:

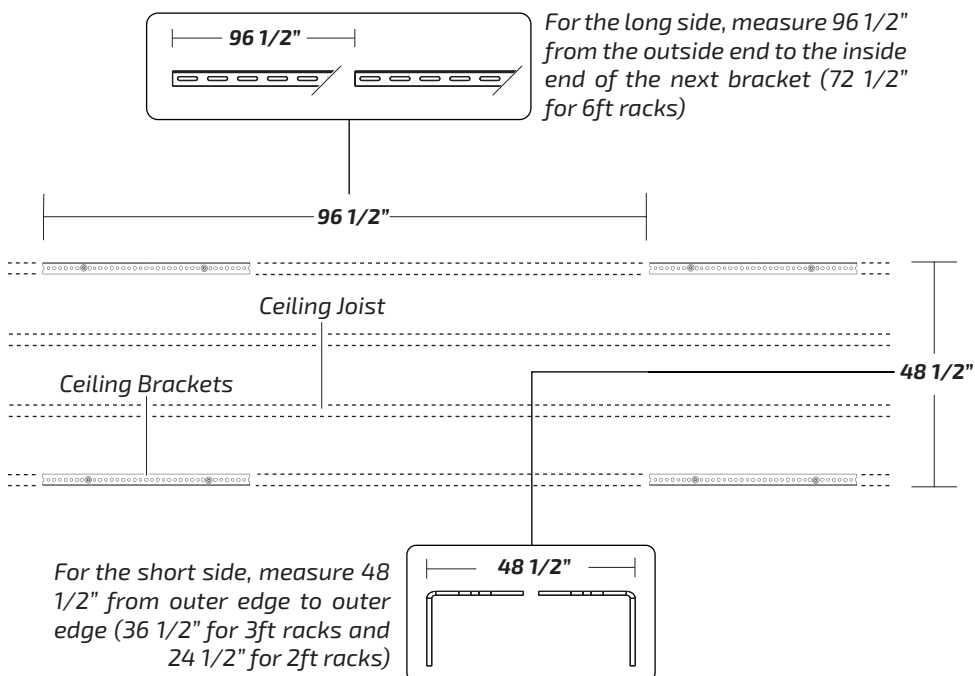
If ceiling joists are too far apart, **you may install your ceiling brackets along one joist only.**

If the ceiling brackets are facing each other, measure directly from the back of one bracket to the back of the opposite bracket.

If the brackets are in-line, the measurement can be from one edge of the bracket to the same edge on the next bracket.

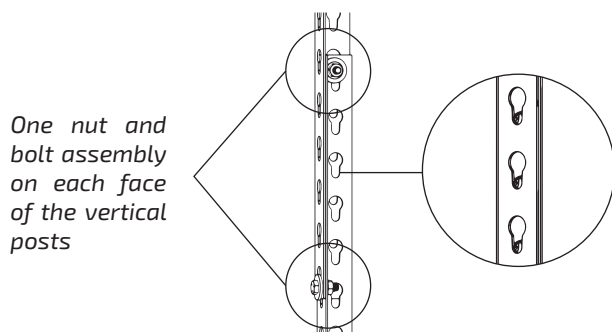
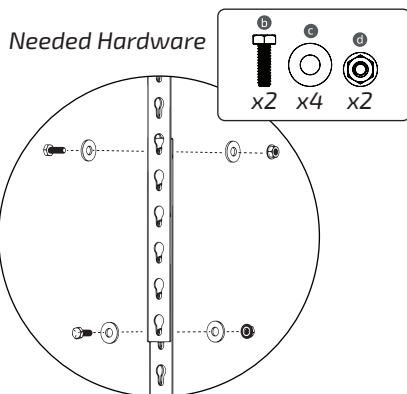
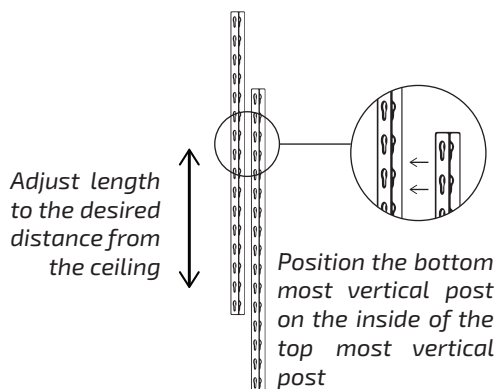
The measurement could also be taken from the middle of the bracket where the vertical post will hang. Or, if the joist spacing is consistent across the ceiling, you can count the number of joists for the correct distance between the brackets.

Once the first ceiling bracket is installed, measure the necessary distances for the remaining ceiling brackets.

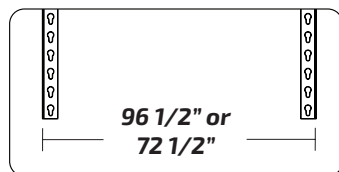
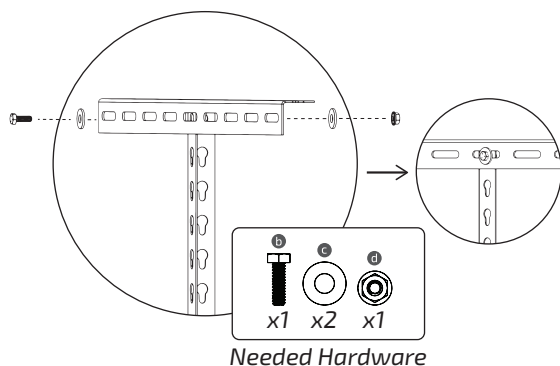


## ASSEMBLING AND ATTACHING THE VERTICAL POSTS

Secure posts together using x2 lock nuts (d), x2 hex bolts (b), and x4 washers (c). Use one nut, bolt, and washer assembly on each face of the vertical posts. One bolt at the top and the other at the bottom, where the vertical post sections overlap.



Using x1 hex bolt (b), x2 washers (c) and x1 lock nut (d), connect vertical posts to the ceiling brackets that were installed in the previous step. Leave vertical posts slightly loose on ceiling brackets so they can move back and forth during the next step.



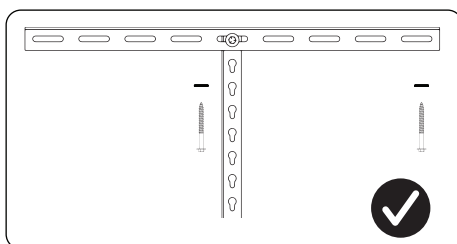
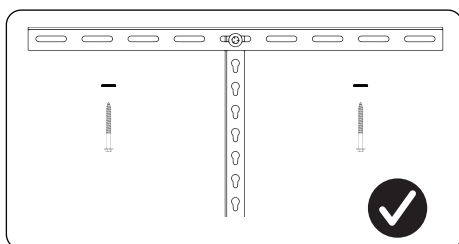
The distance from outer surface to outer surface of your vertical posts should be 96 1/2" for 8ft Racks and 72 1/2" for 6ft Racks

## CEILING BRACKETS AND VERTICAL POSTS

Each ceiling bracket is intended to be installed with x2 lag bolts (a). Please refer to the figures below for the correct way of positioning the vertical posts on the ceiling brackets.

### Installed correctly:

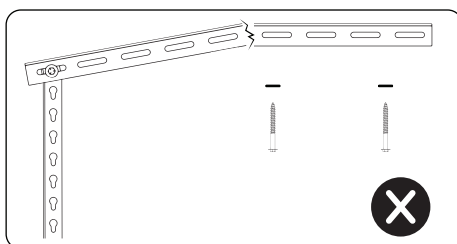
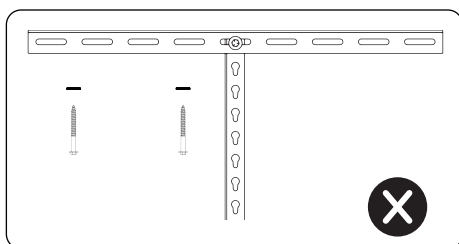
**ALWAYS** install the vertical posts between the lag bolts (a) in the ceiling bracket like the images below.



### Installed incorrectly:

**DO NOT** attach vertical posts outside of the lag bolts (a) in a cantilevered fashion.

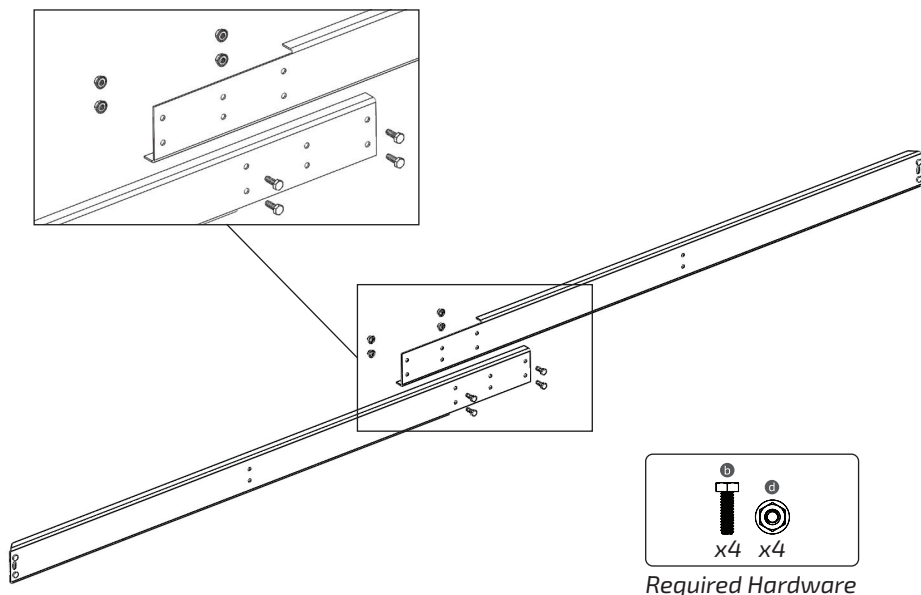
**WARNING:** if you install the ceiling bracket and vertical posts as shown below, the ceiling brackets will bend, causing your overhead rack to fail.



**Failure to follow proper installation procedure will void your warranty!**

## ASSEMBLING YOUR 52" C-CHANNELS

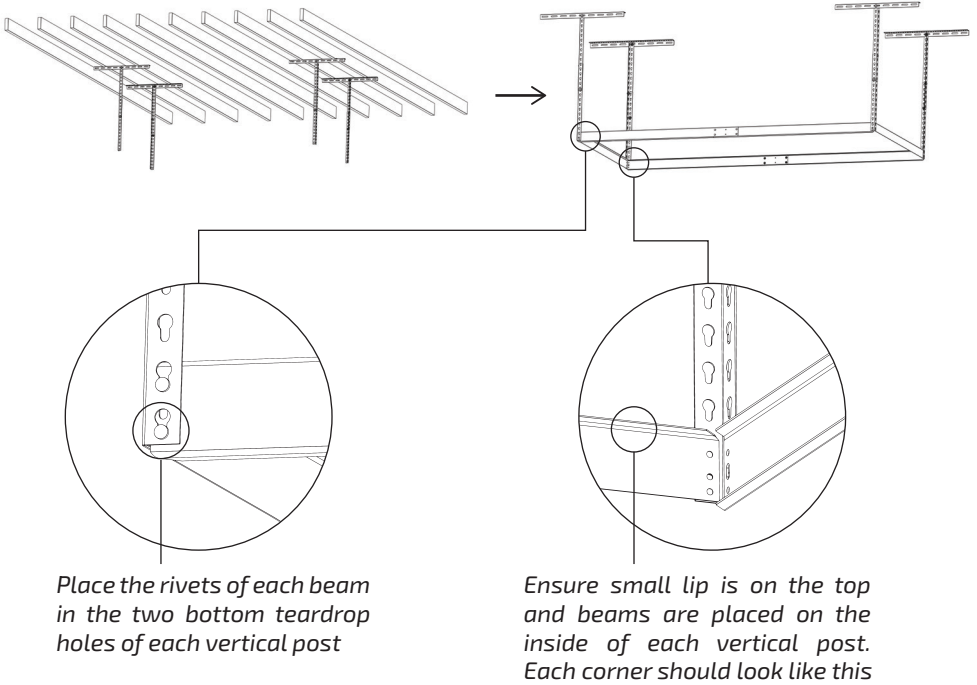
**IMPORTANT:** for 8ft Overhead Racks, assemble your 52" C-Channels first, before moving on to the next step.



1. Align the holes at the center of the x2 52" C-Channels as seen above.
2. Using x4 hex bolts (b) and x4 lock nuts (d), assemble the 52" C-Channels together on the outermost holes as seen above. To avoid alignment issues, temporarily place x2 hex bolts in the center holes. Remove the x2 center hex bolts after tightening the outer x4 hex bolts.
3. Repeat step 1 and 2 for the remaining 52" C-Channels.

## MOUNTING YOUR 52" C-CHANNELS

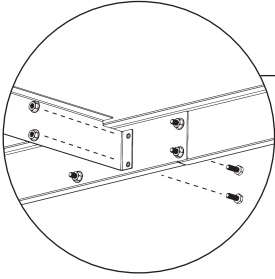
Once all vertical posts are in place, install your C-Channels and side rails as shown in the illustration below.



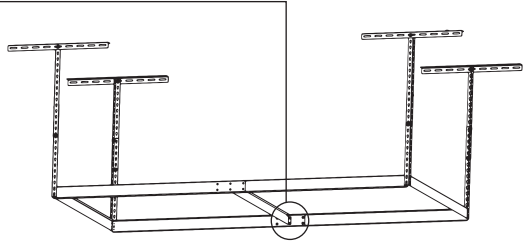
Use a rubber mallet to hammer the rivets firmly into the bottom of the teardrop holes. Opposite ends may come loose when hammering beams and channels. Ask for assistance to ensure rivets do not come loose during this process.

**Note:** if vertical posts are not hanging perfectly vertical, the rivets will not seat properly. Make adjustments to the placement of the vertical posts or ceiling brackets if the vertical posts are severely out of alignment.

## Connecting your center support:



Connect the center support using the remaining hex bolts (b) and lock nuts (d). Use a wrench to tighten bolts and nuts.

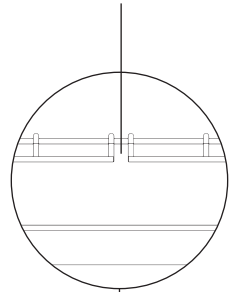
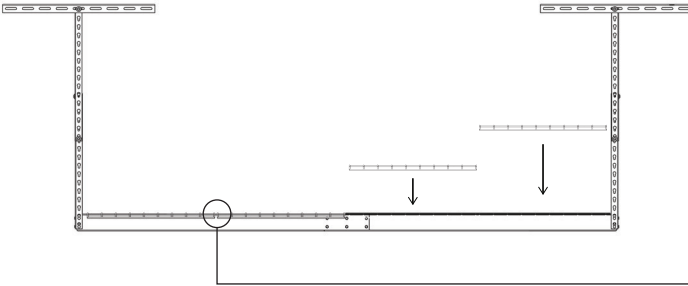


Once the center support is installed, go back and tighten the vertical posts to the ceiling brackets.

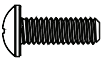
## PLACING YOUR WIRE DECKS

Lower your wire decks into place one at a time. Decks remain in place by gravity and can slide freely side-to-side.

Small gap between your decks



## Securing your beams:

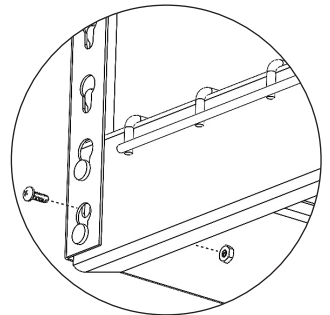


**e** (x8) Machine Screw



**f** (x8) Hex Nut

Ensure all beams and channels are seated correctly on vertical posts and install the included machine screws and hex nuts through the gaps in the bottom teardrop holes as shown. Use two nuts and two screws per corner.



## INSTALLING MULTIPLE RACKS

If installing multiple racks, end-to-end or side-by-side, a 27" ceiling bracket should be utilized per corner, per rack.

The ceiling brackets can **ONLY** be installed in this manner if the joists run perpendicular to the ceiling brackets.

Where the two racks meet, install 2 ceiling brackets back to back, utilizing 2 lag bolts (a) per bracket and 1 vertical post per bracket.

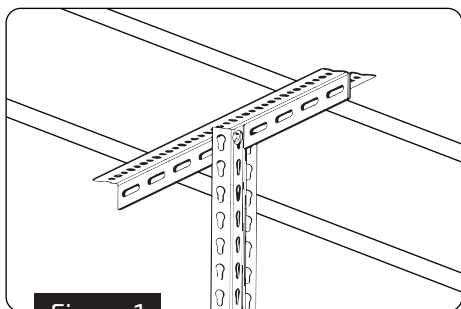


Figure 1

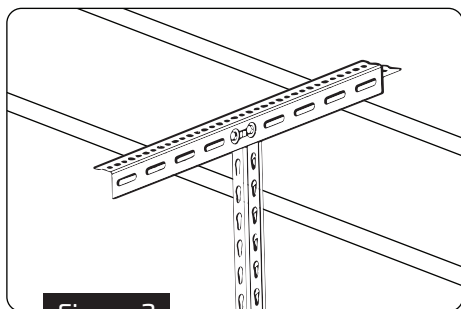


Figure 2

Depending on the direction of the ceiling joist in relation to the racks, the vertical posts will either be located on opposite sides of the ceiling brackets (Figure 1), or they will be located on the same side of the ceiling brackets (Figure 2). In either orientation, run the hex bolts (b) through both ceiling brackets.

In Figure 1, the longest side of the rack runs in the same direction as your ceiling joists. In this orientation, one hex bolt (b) will run through both vertical posts and both ceiling brackets.

In Figure 2, the longest side of the rack runs perpendicular to the direction of your ceiling joists. In this orientation, one hex bolt (b) is required for each vertical post.

## CONGRATULATIONS!

**YOU ARE READY TO ENJOY THE EXTRA SPACE YOU HAVE CREATED!**

**BEFORE LOADING YOUR RACK:** Take one last look at the rivets to ensure they have not backed out during installation. Make sure the ceiling bracket lag bolts have not pulled out during installation. If they have, this is an indication that the lag bolts are not centered on the ceiling joists or that they are not fully tightened. Lastly, check all bolts and nuts on vertical posts and ceiling brackets to ensure they are tight.

**WARNING:** Load heavy objects, distributed equally, nearest the vertical posts and light objects nearest the center. Read the safety label on the center support and do not overload the system. Do not climb on or hang from the storage rack. Routinely inspect the rack over time to ensure rivets and wire decking units are seated properly.

### **WARNING. DO NOT EXCEED WEIGHT LIMITS.**

4' x 8' Rack (600lb)	3' x 6' Rack (400lb)
4' x 6' Rack (500lb)	2' x 8' Rack (400lb)
3' x 8' Rack (500lb)	2' x 6' Rack (300lb)

All weight limits are based on static loads with load distribution as stated above. Some horizontal deflection can be expected when the racks are loaded near maximum limits. **Refer to page 2 of this manual for additional information.**

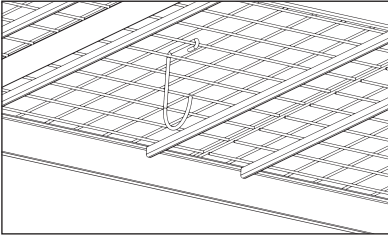
## QUESTIONS OR CONCERNS?

SafeRacks are engineered and designed to be the strongest garage overhead storage rack available. If you have any questions or concerns we are available to help you over the phone at 877-655-3443 or via email at [support@saferacks.com](mailto:support@saferacks.com).

## ACCESSORIES SOLD SEPARATELY ONLINE

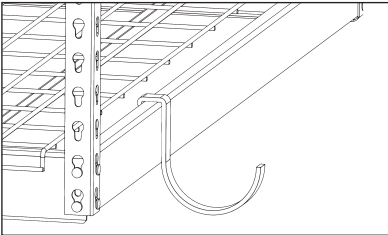
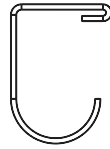
Our hook accessories are meant to increase the versatility and functionality of your overhead rack. We offer 3 types of hooks: Deck Hooks, Rail Hooks, and Utility Hooks. **Each hook has a total weight capacity of 25lb.**

**Note:** 25lb per hook should be counted as part of the total capacity of your rack (reference page 2 for weight limits per rack size).



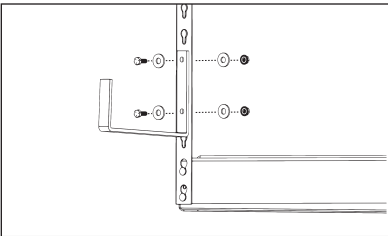
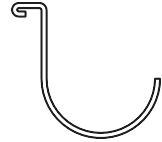
### Deck hook

The Deck Hook is designed for easy installation over two deck wires.



### Rail hook

The Rail Hook is intended to hold items around the edge of your overhead rack.



### Utility hook

The Utility Hook is intended for longer items and attaches to the vertical posts with hardware (washers, bolts, and nuts).



# LIMITED LIFETIME WARRANTY

ALL EAGLE INDUSTRIAL GROUP, INC. (DBA SAFERACKS, MONSTERRAX, HERCKE) OVERHEAD STORAGE RACKS

For a period of (30) thirty days from the date of purchase, should you not be satisfied with your product, you are entitled to a full refund less taxes, shipping & handling costs paid by the buyer.

**What Is Covered?** Eagle Industrial Group Inc. (EIG) warrants its overhead storage rack materials from manufacturing defects and defects from the product's workmanship for the lifetime of the product. The Limited Lifetime Warranty applies to the original Purchaser. The original Purchaser must provide the original sales receipt and proof of purchase from an approved dealer with any request for warranty claims.

**What Will EIG Do?** During the warranty period, EIG will repair or replace any product that fails to be limited to necessary adjustments or parts replacement and does not include re-installation at the installation site. Re-installation is the responsibility of the original Purchaser. This warranty does not cover any labor costs associated with service, removal or re-installation of parts. At the option of EIG, the original purchase price may be refunded to the original Purchaser for a full refund and complete compensation of defect. Please contact the EIG Dealer with whom the original purchase was made. Taxes, shipping and handling charges will be the sole liability of the original Purchaser.

**What Is Not Covered?** The warranty applies to the original Purchaser for home, personal use only. No coverage is provided if the product is transferred to another structure. The original Purchaser or licensed dealer and the defect is not a result of improper or abusive treatment or improper installation. Coverage is not provided for discoloration, corrosion, rust or physical damage. Damage is not covered if storage loads are not evenly dispersed, as outlined in this manual, or the maximum load capacity exceeds those listed in this manual. If any other parts (not provided by the EIG manufacturer) are used in conjunction with the EIG product, the warranty shall be void.

THE WARRANTY WILL NOT BE IN EFFECT SHOULD THE INSTALLATION NOT ADHERE TO THE PUBLISHED INSTALLATION INSTRUCTIONS PROVIDED WITH EACH UNIT. THE WARRANTY DOES NOT PROVIDE COVERAGE IF THE PRODUCT MALFUNCTION IS DUE TO SHIPPING DAMAGE, PRODUCT MODIFICATION, IMPROPER INSTALLATION, IMPROPER MAINTENANCE, EFFECTS FROM BEING CONTACTED WITH A VEHICLE OR ANY OF ITS PARTS, OR CLAIMS MADE OUTSIDE THE WARRANTY PERIOD.

**Warranty Limitations:** No other warranties are expressed or implied for the storage product. In the absence of an implied warranty period under state law, seven years shall be the term of the implied warranty. EIG makes no other warranties under the terms of the Limited Lifetime Warranty and the option of repair or replacement is EIG's only obligation. EIG is not responsible for any other special, consequential (including substrate failure) or incidental damages resulting from the purchase or installation of the unit, regardless of cause. Liability for any such losses (including, warranty is expressly disclaimed and excluded herein. Upon installing any EIG overhead storage unit, the customer agrees that he/she is utilizing the EIG overhead storage unit for personal, non-commercial, use only. By installing any EIG overhead storage unit, the customer agrees to the warranty and agrees that the delivered product was to his/her satisfaction and that installation was done per the - instructions outlined in the "Assembly Instructions" manual provided with the purchased unit.

**How State Law Relates To The Warranty:** Please consult your state's laws regarding warranties. You may have rights in addition to the Limited Warranty. Some states do not allow limitations on how long an implied warranty lasts or limitations on incidental or consequential damages. So the above limitations or exclusions may not apply to you.

Outside the 50 United States and Canada, this warranty does not apply

Prop 65 Warning: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

