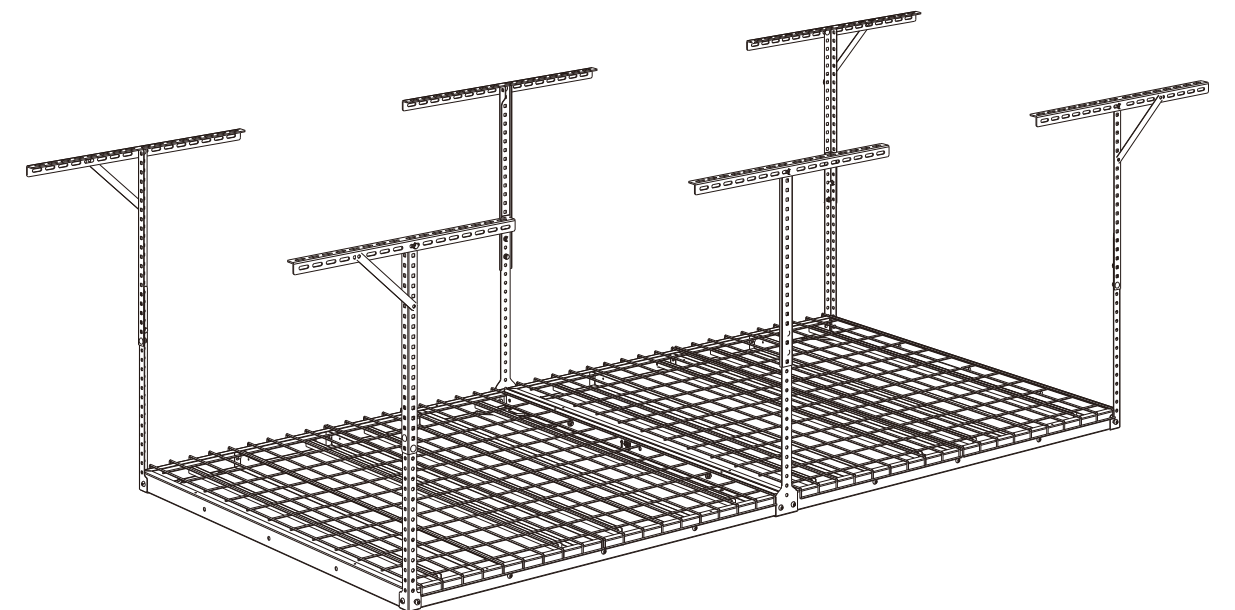




Item No. GR48BMAX-E
Installation Guide



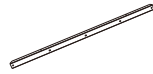
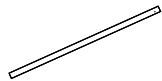
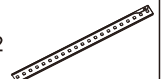
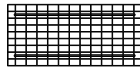
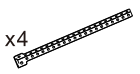
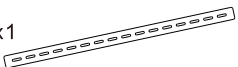
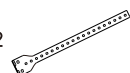
1000 lbs
455 kg



560 - 1010 mm
22 - 40 in

Package Content

(A) Parts Included

①	Connecting Plate A x4		⑦	Connecting Plate B x8	
②	Ceiling Bracket x6		⑧	Frame Beam x8	
③	L-Shaped Upper Vertical Post x4		⑨	Frame Stiffene x6	
④	Upright Upper Vertical Post x2		⑩	Wire Grid x4	
⑤	L-Shaped Lower Vertical Post x4		⑪	Installation Template x1	
⑥	Upright Lower Vertical Post x2				

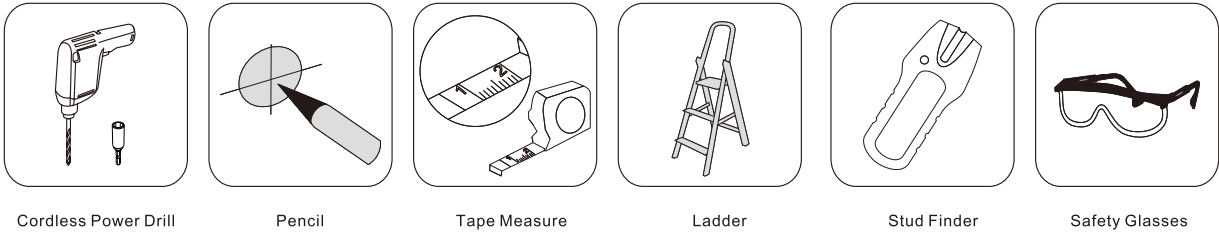
(B) Accessory Packages

Figures shown are for reference only. Please contact customer service if there are any accessories or tools missing.

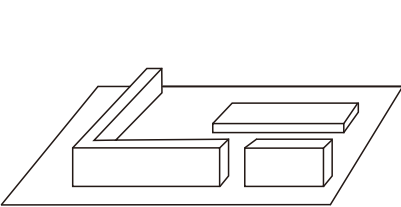
Package 1								Package 2	
									
Ax18	Bx20	Cx26	Dx8	Ex16	Fx1	3x3 Gx1	5x5 Hx1	A2x12	

(C) Tools Needed for Assembly

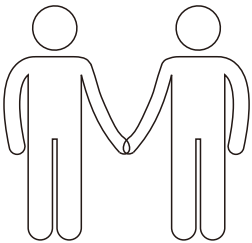
Note:
We recommed to use electrical drill for tightening the screws and bolts.



Installation Preparation



Install on carpet to prevent scratches.



It is recommended that two or more people work together to install.

⚠ Safety Warning

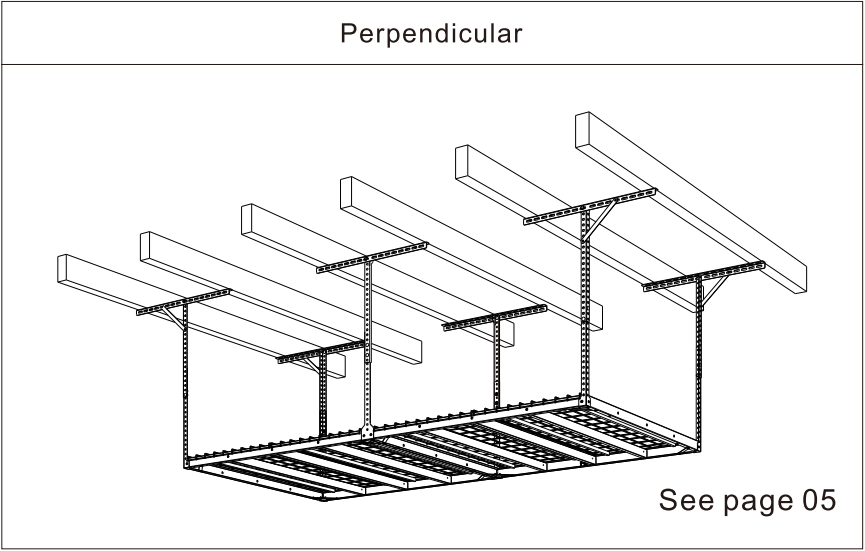
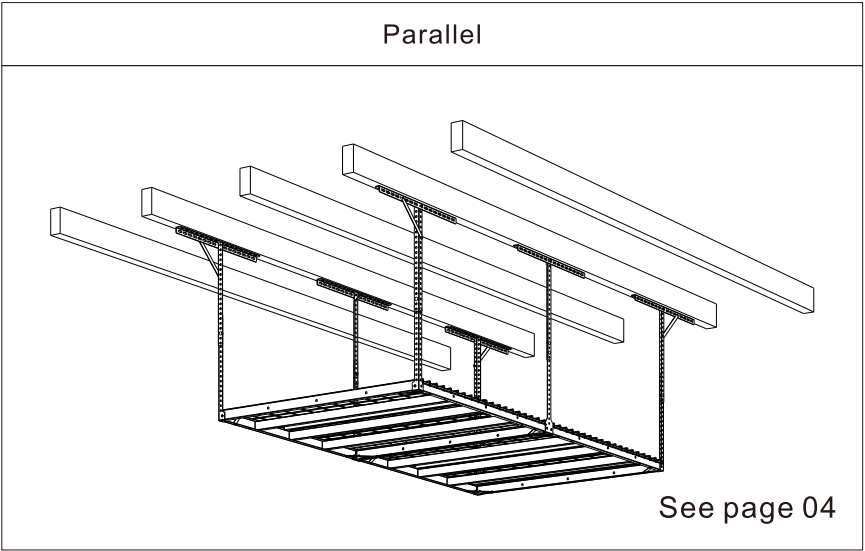
This product contains small items that could be a choking hazard if swallowed. Keep these items away from young children.

- Make sure these instructions are read and completely understood before attempting installation. If you are unsure of any part of this installation, please contact a professional installer for assistance.
- The ceiling must be capable of supporting the combined weight of the garage rack and your stuff. Otherwise, the structure and weight capacity of the ceiling must be reinforced.
- Proper tools must be used. A minimum of two people are required for this installation. Failure to install properly can result in property damage or serious injury.
- Check joint parts every two months, making sure the screws have not loosened.
- This product is designed to be installed on a wooden ceiling or solid concrete ceiling. Before installation, make sure that the weight capacity of the ceiling will support the combined load of the rack and your stuff. Never exceed the maximum load capacity of the product 1000 lbs (455 kg), or else it may result in product damage or physical injury.

Note: This product is intended for indoor use only. Use of this product outdoors could lead to product damage or physical injury.

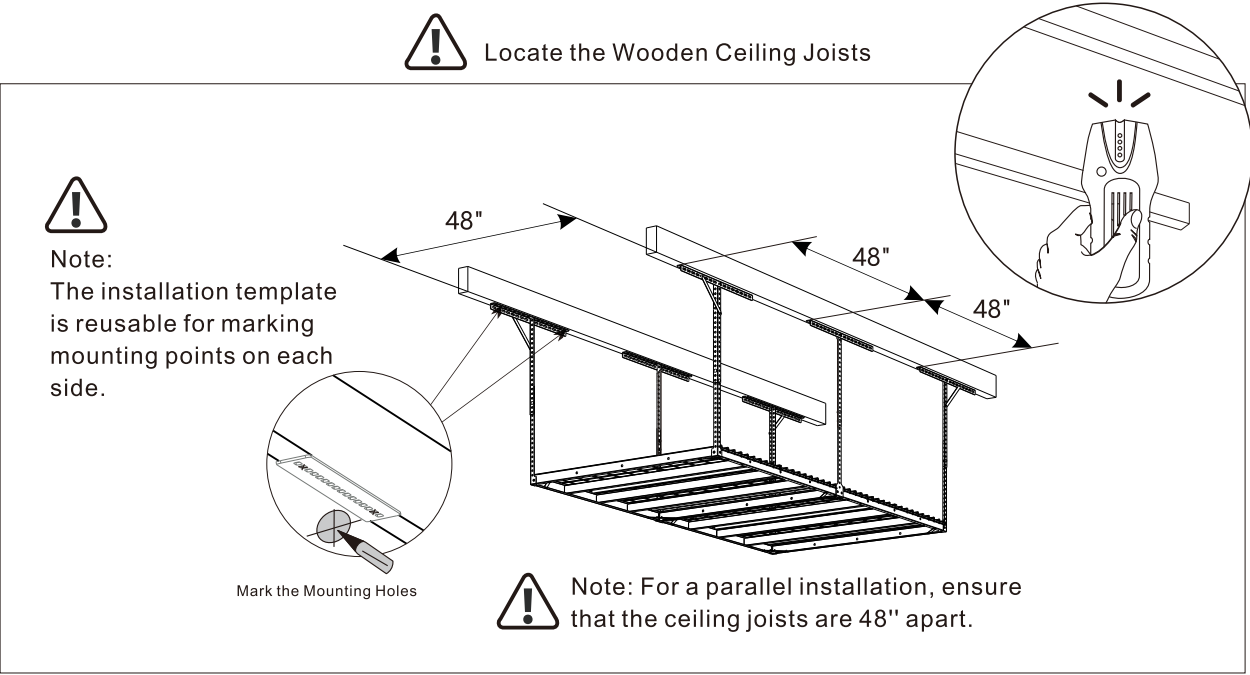
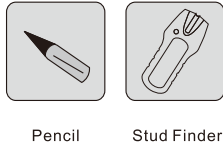
Installation Overview

Step 1: Plan the Installation Location

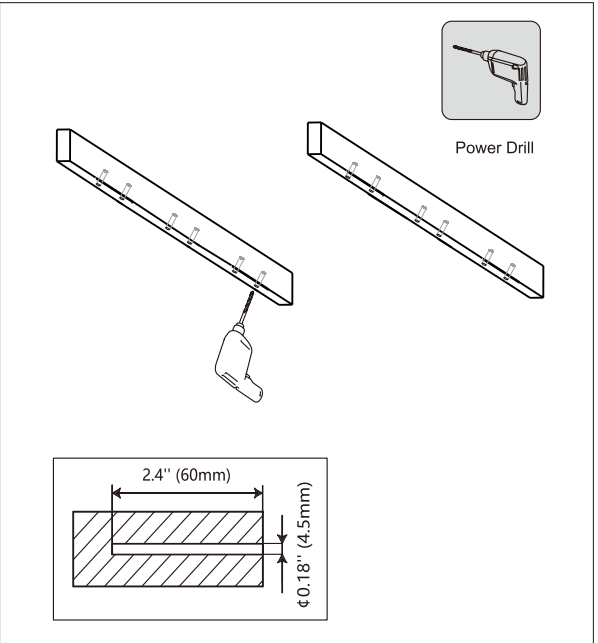


Step 2-A: Install Ceiling Bracket Parallel with Joists

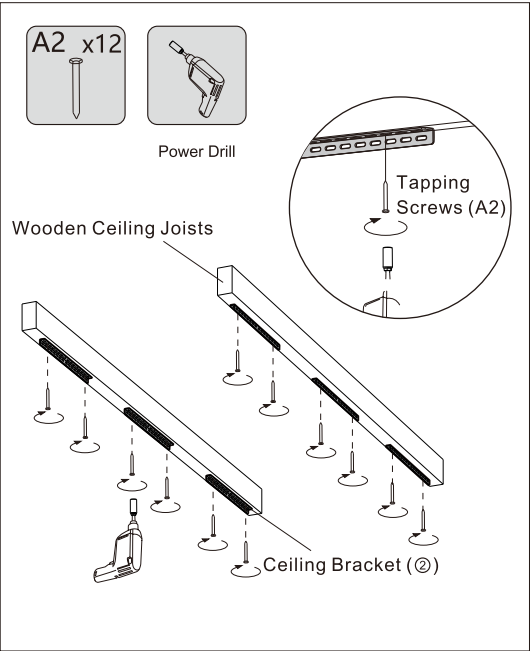
1. Use a stud finder to locate the wooden ceiling joists. Then use the installation template to mark the mounting points.



2. Drill a 2.4" (60mm) deep pilot hole with a 11/64" drill bit at the center of each marked point.



3. Install the ceiling brackets using tapping screws (A2) and tighten with power drill.



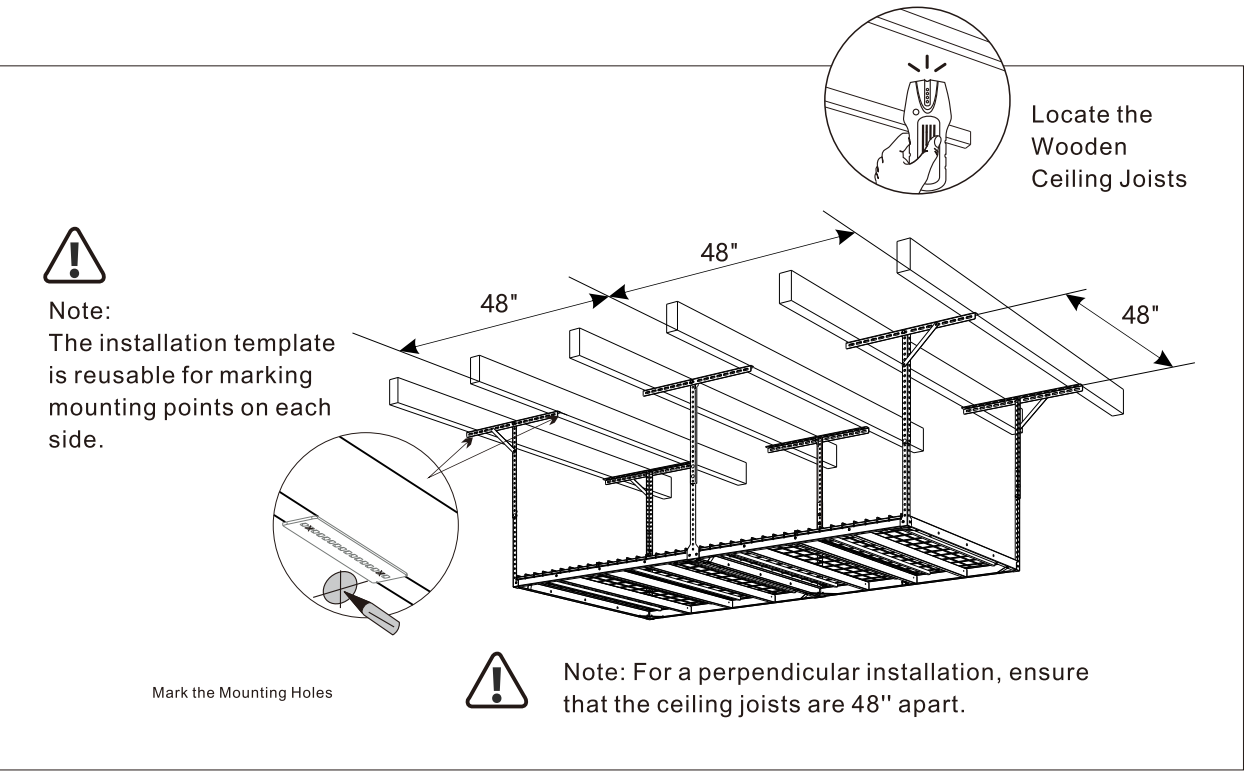
Step 2-B: Install Ceiling Bracket Perpendicular to Joists

1. Use a stud finder to locate the wooden ceiling joists. Then use the installation template to mark the mounting points.
- 

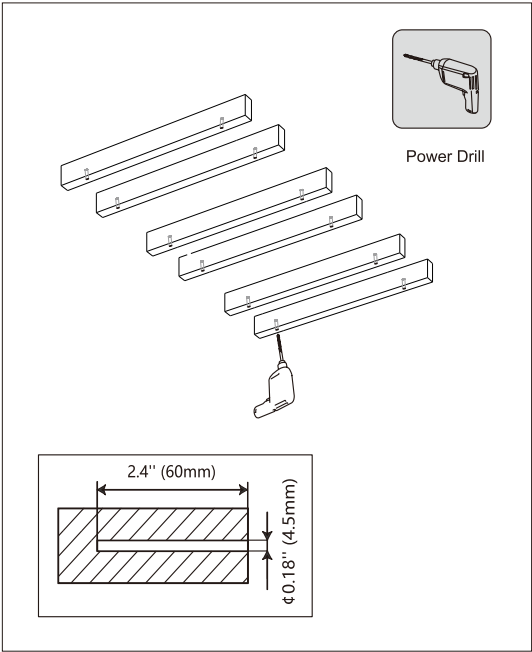
Pencil



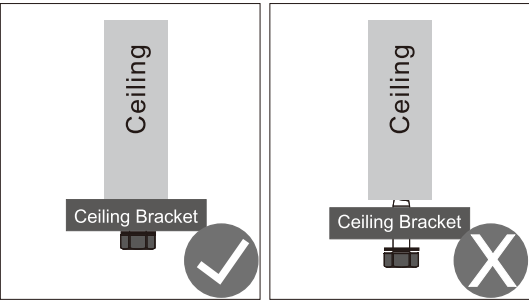
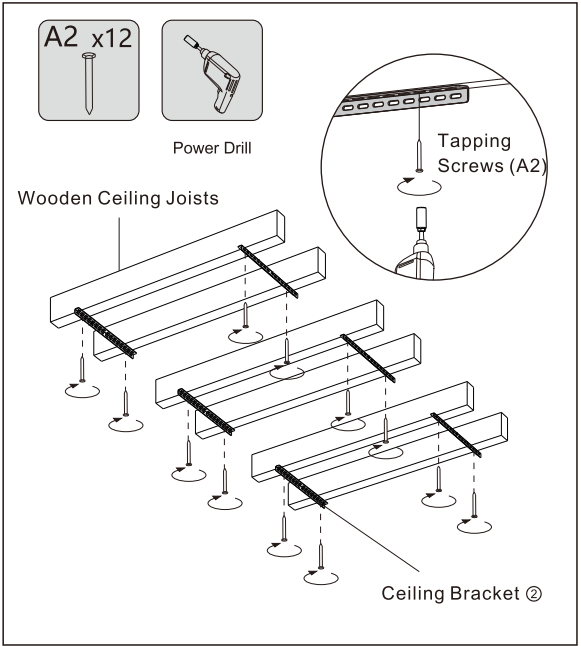
Stud Finder



2. Drill a 2.4" (60mm) deep pilot hole with a 11/64" drill bit at the center of each marked point.



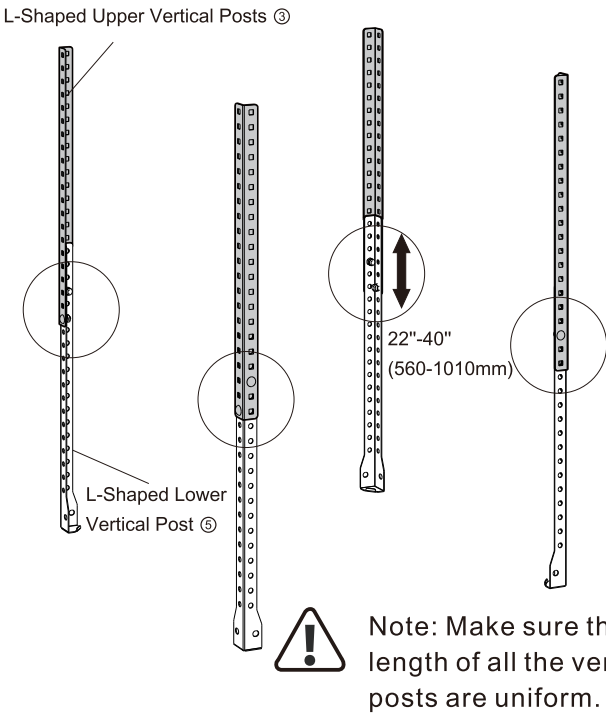
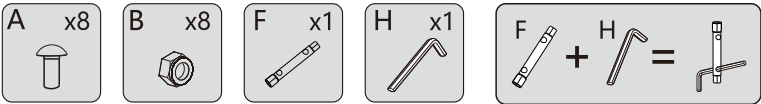
3. Install the ceiling brackets using tapping screws (A2) and tighten with power drill.



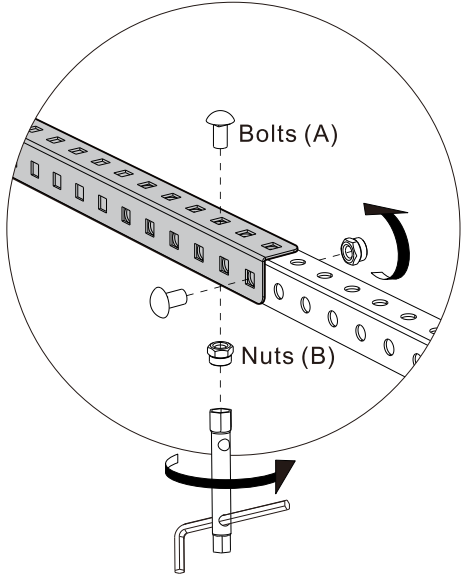
Note: Please use tapping screws to completely attach the ceiling brackets to the ceiling, screw in the tapping screws without leaving any gaps. Otherwise, it may cause personal injury or product damage.

Step 3: Assemble the Vertical Posts

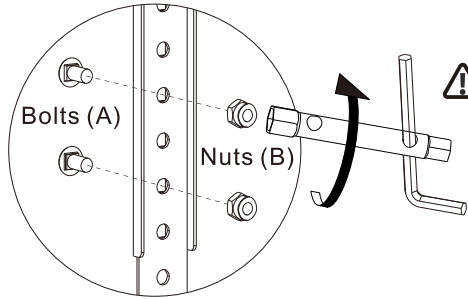
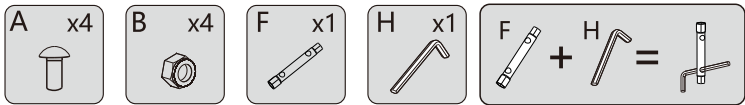
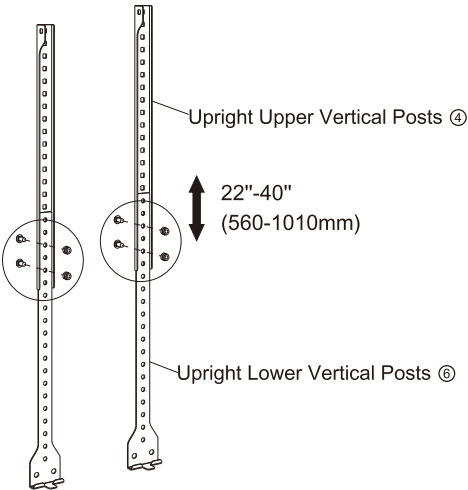
1. Determine hanging height and then attach L-shaped upper vertical posts with L-shaped lower posts using bolts (A) and nuts (B). Tighten with socket wrench (F) and hex key (H).



Note: Square holes are on the outside, and round holes are on the inside.



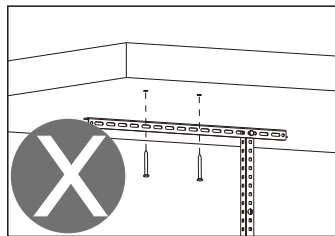
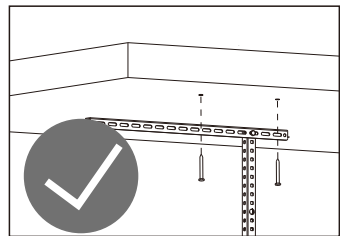
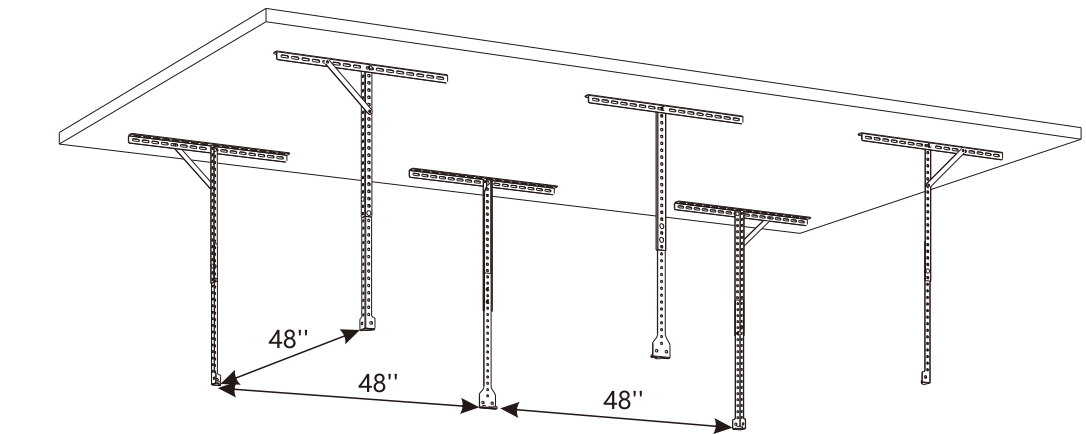
2. Make sure the hanging height of the upright vertical posts are the same as the L-shaped one. Using socket wrench (F) and hex key (H) to tighten bolts (A) and nuts (B).



Note: Square holes are on the outside, and round holes are on the inside.

Step 4: Determine Location of Vertical Posts

Make sure the distance between the posts are completely consistent with the figure shown.

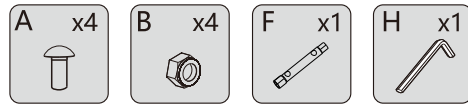
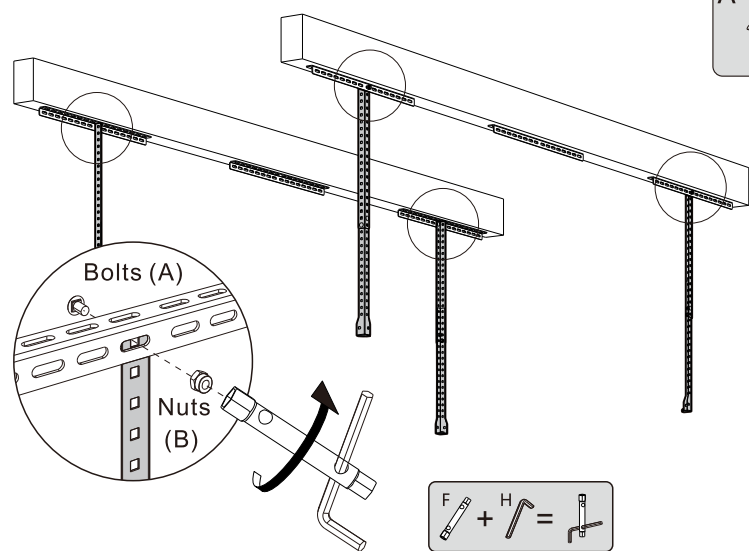


⚠ Always install the vertical posts between the bolts in the ceiling bracket. Do not attach the vertical posts outside. Otherwise the ceiling brackets will bend, causing personal injury or damage to your stored items if they fall.

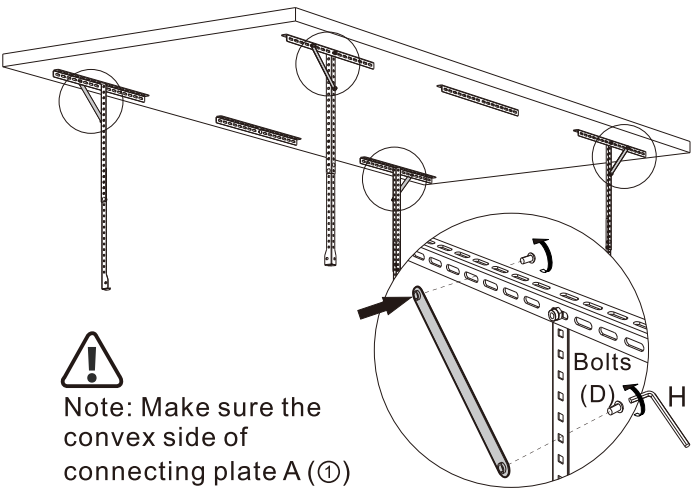
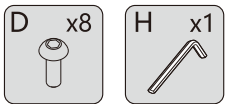
Step 5: Attach Vertical Posts to Ceiling Brackets

1. Attach L-shaped vertical posts to ceiling brackets using bolts (A) and nuts (B). Tighten with socket wrench (F) and hex key (H).
2. Attach connecting plate A (ⓐ) to L-shaped vertical posts and ceiling brackets using bolts (D), and tighten with hex key (H).
3. Attach upright vertical posts to ceiling brackets using bolts (A) and nuts (B), then tighten with socket wrench (F) and hex key (H).

1

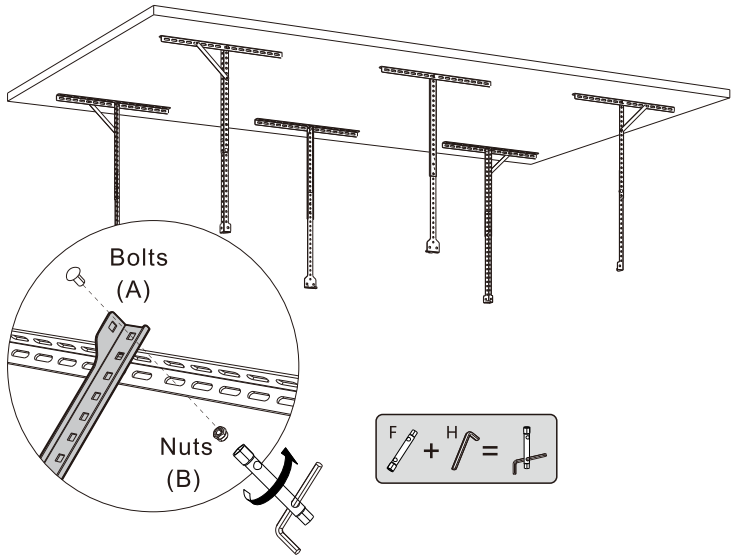
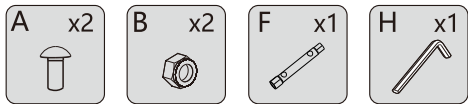


2



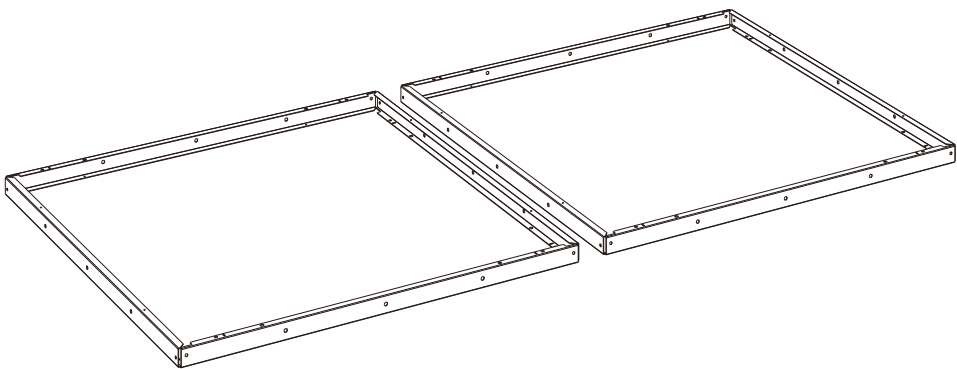
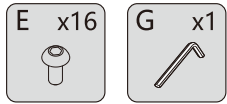
⚠ Note: Make sure the convex side of connecting plate A (ⓐ) is facing outwards when installing.

3

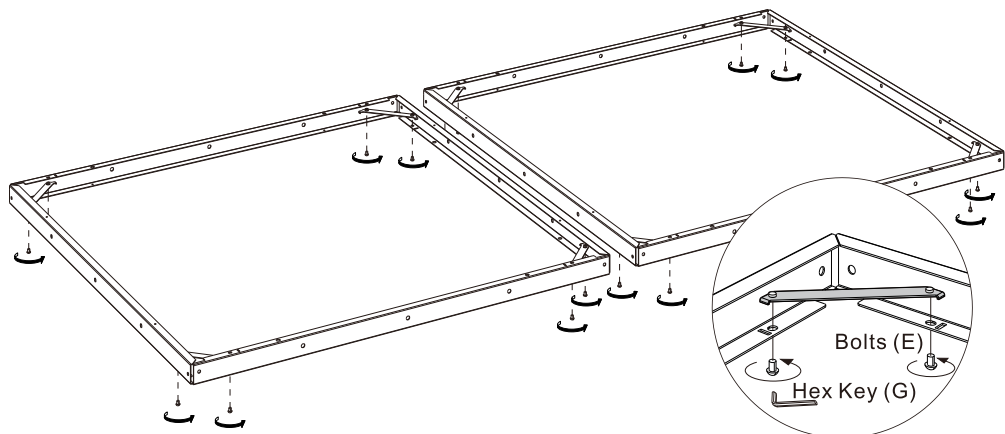


Step 6: Assemble the Frame Beams

1. Attach the frame beams as figure shown.

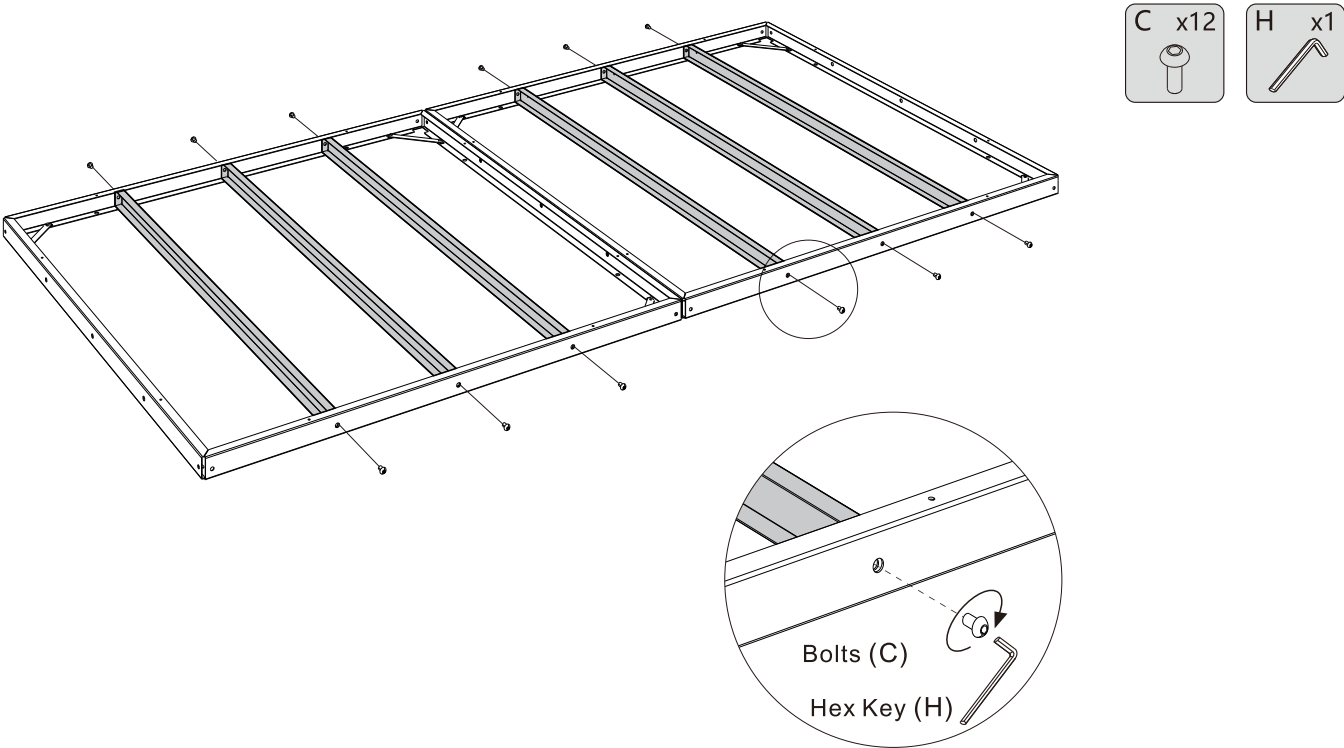


2. Assemble the beams by connecting plate B (ⓑ) using bolts (E), and tighten with hex key (G).

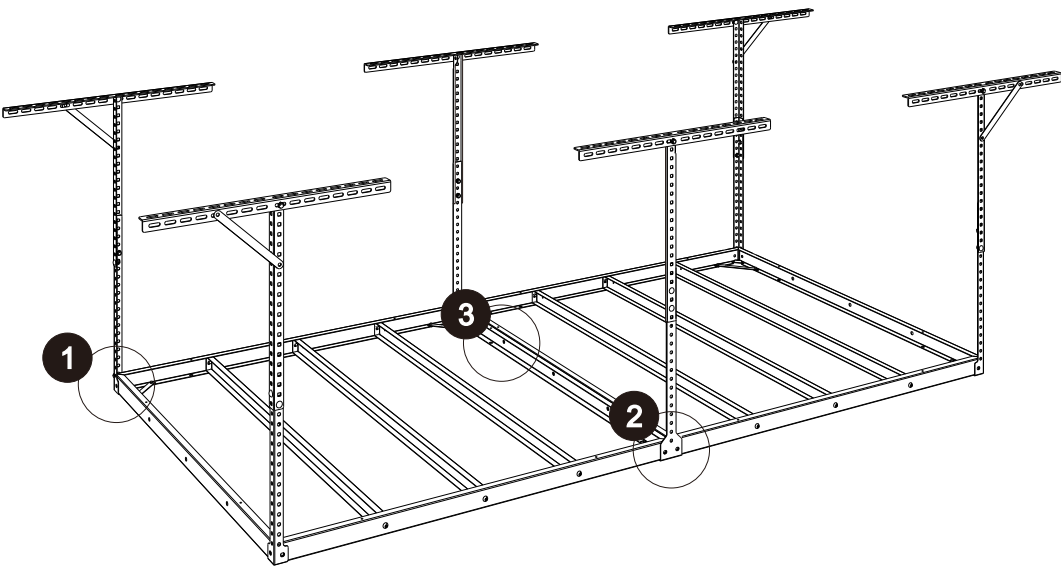


Step 7: Assemble the Frame Stiffeners

Assemble the frame stiffeners (Ⓢ) to the combined frames using bolts Ⓢ, and tighten with hex key (H).



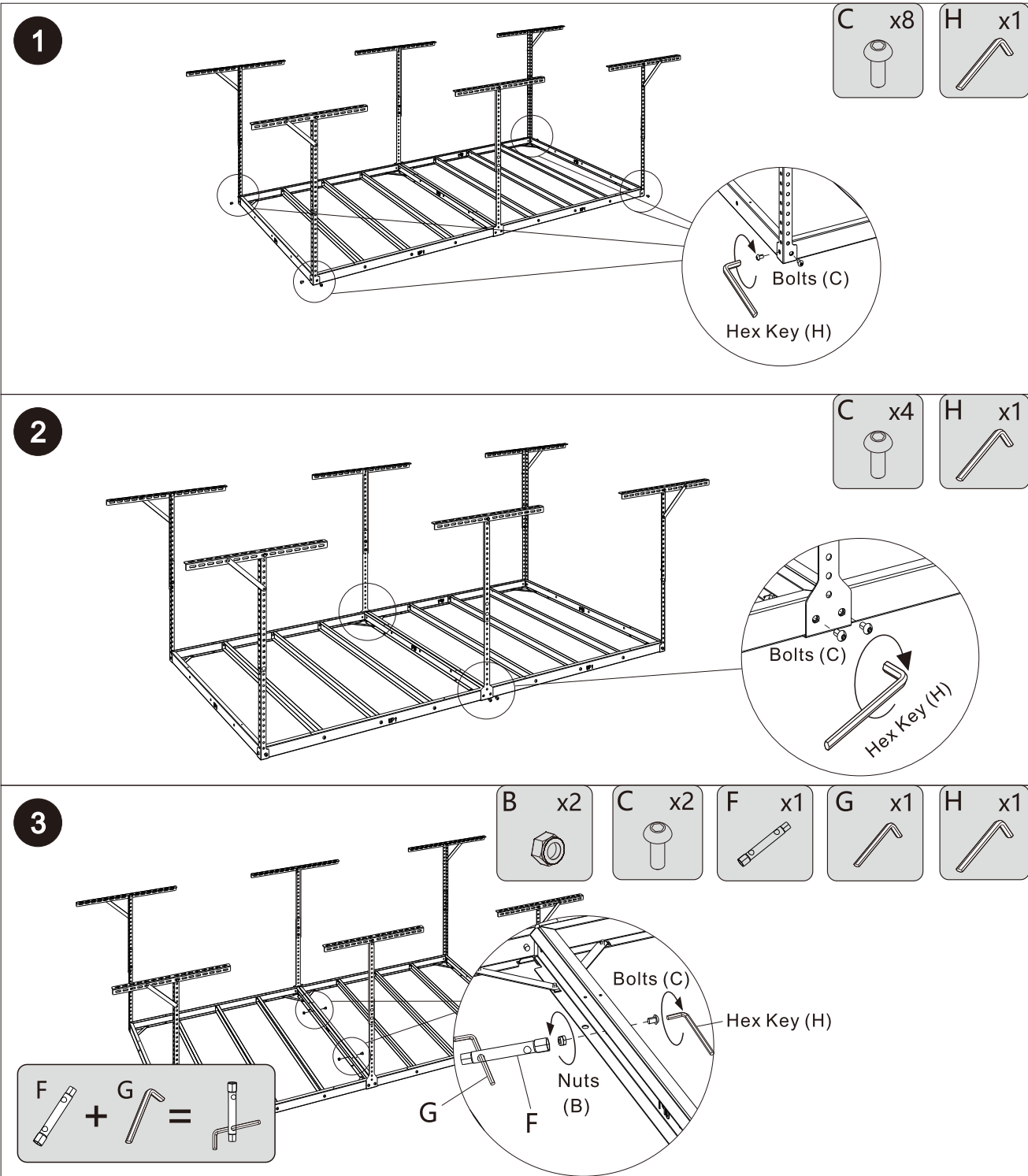
Step 8: Place and Fix the Frame Components



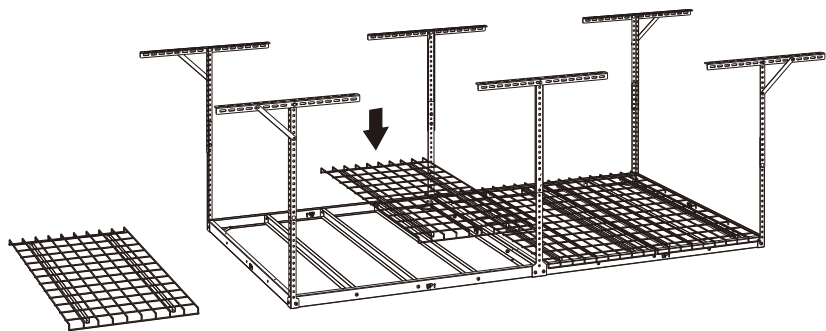
1. Place the frame components to the posts, and fix the components using bolts (C) at the corner, then tighten with hex key (H).
2. Using hex key (H) to tighten bolts (C) to fix the frame components with lower upright posts at the middle.

Note:

- * When placing the frame component, the side with the connecting plate B is at the bottom.
 - * To avoid misalignment of holes when installing screws, do not tighten any screws until all screws are loosely installed. Then, tighten the screws one by one.
3. Fix the frame components in the middle using bolts (C) and nuts (B), then tighten with socket wrench (F) and hex key (G & H).



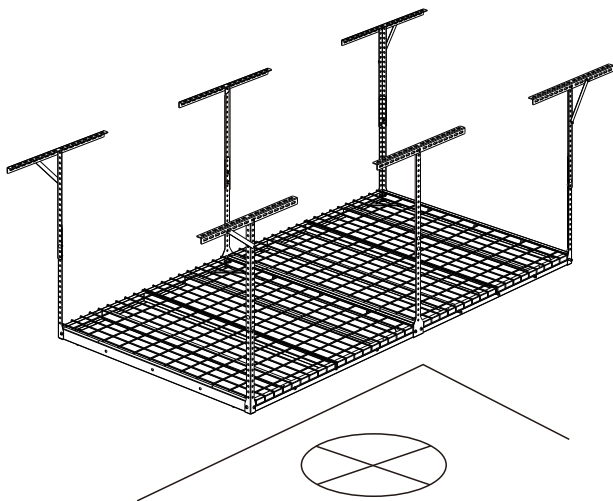
Step 9: Place and Attach Wire Grid



Tips



- 1. For safety, be sure to use the screws provided in the product package.
- 2. Do not stack heavy objects together, please place them evenly.
- 3. Please do not stand below the racks for a long time, and children are strictly prohibited from playing near the racks.



Use of Metal Expansion Bolt

The metal expansion bolt is needed if installing to a concrete ceiling (mental expansion bolts are not included).

1

Tap the metal expansion bolt into the mounting hole.

2

Screw out the nut and washer.

3

Install the ceiling bracket.

4

Tighten the nut with a socket wrench.

Manufacturer Limited Lifetime Warranty

This warranty offered by Fleximounts covers defects in material or workmanship in new Fleximounts products. This warranty extends to the original purchaser only and is non-transferable. Only consumers purchasing Fleximounts products from authorized Fleximounts retailers or resellers may benefit from our limited warranty.

What is covered?

For the lifetime of the product, Fleximounts will replace the defective product or parts only if the product is installed, operated and maintained according to instructions and if the product or part fails as a result of defective materials or workmanship.

What is not covered?

- Service calls for any reason, including installation, correcting installation, or instructing installation of any Fleximounts product.
- Repair or replacement needed due to accident, misuse, abuse, fire, flood, improper installation, neglect, corrosion, modification, or handling in any way inconsistent with the installation instructions.
- Any loss of or damage to other belongings due to accident, misuse, abuse, fire, flood, improper installation, neglect, corrosion, modification, or handling in any way inconsistent with the installation instructions.
- Repair or replacement for any product is used in any scenario other than normal, single-family household use, such as a commercial environment.
- Products damaged by loading beyond the specified maximum loading capacity of the product.
- Cosmetic damage that does not affect the functional or structural ability of the product, including scratches, dents, or cracks in paint.
- Replacement parts needed outside of the United States.
- Shipping or freight fees to return defective products or deliver replacements.
- Any labor costs.

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EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ALL IMPLIED WARRANTIES (INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE) SHALL BE LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY, AND FLEXIMOUNTS SHALL NOT BE LIABLE FOR ANY INCIDENTAL, INDIRECT, SPECIAL, OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS OR REVENUE, RESULTING FROM ANY BREACH OF EXPRESS OR IMPLIED WARRANTY OR CONDITION, OR UNDER ANY OTHER LEGAL THEORY, EVEN IF FLEXIMOUNTS HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some jurisdictions do not allow limitations on the duration of an implied warranty or the exclusion or limitation of special, indirect, incidental or consequential damages, so the above limitations or exclusions may not apply to you.

Governing Law

This Warranty shall be governed by the laws of the State of California, USA, without giving effect to any conflict of laws principles that may provide the application of the law of another jurisdiction.

How State Law Applies

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state.