

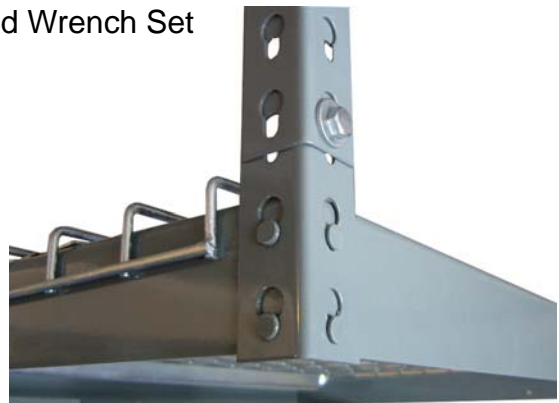


# Assembly Instructions



## Required Tools:

- Rubber Mallet or Hammer
- Drill with 3/16" bit
- Socket Set, Adjustable Crescent Wrench or Open End Wrench Set
- Flat Head Screwdriver
- Tape Measure
- Stud Finder (if installing on ceiling drywall)
- Sturdy Ladder



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A product of Davis Bacon Material Handling



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# Step 1

Use the list below to ensure you have the correct components for the overhead rack.

## 4 x 8' Unit:

- 8 Vertical Posts
- 2 48" Side Beams
- 2 96" Front and Back Beams
- 1 48" Center Support
- 1 Hardware Bag
- 4 6" Ceiling Brackets
- 4 22" x 48" Wire Decking Units

## 4 x 6' Unit:

- 8 Vertical Posts
- 2 48" Side Beams
- 2 72" Front and Back Beams
- 1 48" Center Support
- 1 Hardware Bag
- 4 6" Ceiling Brackets
- 3 22" x 48" Wire Decking Units

## 4 x 4' Unit:

- 8 Vertical Posts
- 2 48" Side Beams
- 2 48" Front and Back Beams
- 1 Hardware Bag
- 4 6" Ceiling Brackets
- 2 22" x 48" Wire Decking Units

## 2 x 8' Unit:

- 8 Vertical Posts
- 2 24" Side Beams
- 2 96" Front and Back Beams
- 1 24" Center Support
- 1 Hardware Bag
- 4 6" Ceiling Brackets
- 4 22" x 24" Wire Decking Units

## 3 x 8' Unit:

- 8 Vertical Posts
- 2 36" Side Beams
- 2 96" Front and Back Beams
- 1 36" Center Support
- Hardware Bag
- 4 6" Ceiling Brackets
- 4 22" x 36" Wire Decking Units

## 3 x 6' Unit:

- 8 Vertical Posts
- 2 36" Side Beams
- 2 72" Front and Back Beams
- 1 36" Center Support
- 1 Hardware Bag
- 4 6" Ceiling Brackets
- 3 22" x 36" Wire Decking Units

## 2 x 6' Unit:

- 8 Vertical Posts
- 2 24" Side Beams
- 2 72" Front and Back Beams
- 1 24" Center Support
- 1 Hardware Bag
- 4 6" Ceiling Brackets
- 3 22" x 24" Wire Decking Units

If for any reason you are missing any of the above parts for your particular **MONSTERRAX** Unit. Please call us at 1-866-484-4729 or email us at [customer@monsterrax.com](mailto:customer@monsterrax.com).

Ensure you have all the required tools available for your installation and a clear path to work while installing the **MONSTERRAX** Unit.

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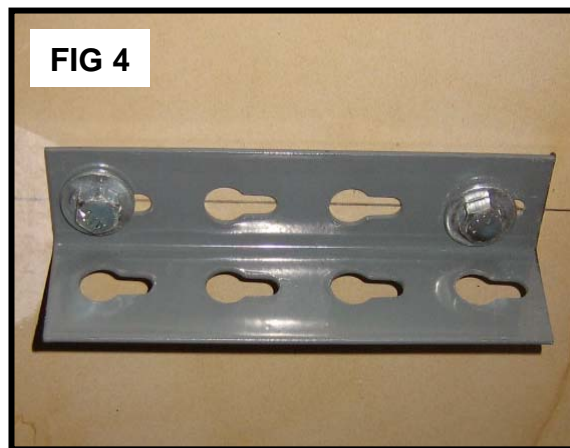
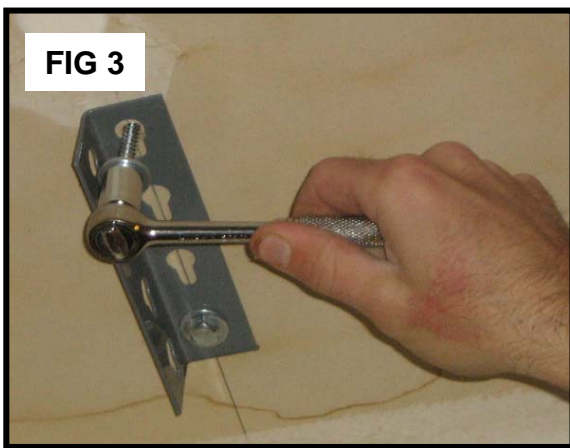


## Step 2

Determine your desired location for the unit and survey the ceiling structure. Remember, you will roughly need enough ceiling space for the size of the rack you are installing. Start by locating the ceiling joists (the horizontal studs or beam components of the ceiling structure). If your garage has finished drywall on the ceiling, use a stud finder to locate both sides of the ceiling joists. Use a pencil to mark both sides of the ceiling joist. See FIG 1.



The idea for mounting the ceiling brackets is to get the screws to go into the center of the ceiling joist. Each angle of the ceiling bracket is 1 1/2" so center it up within the two lines you have drawn. Hold the bracket against the ceiling with your hand and place a mark on the ceiling inside the two end holes. See FIG 2. Use a 3/16" drill bit and drill a tap hole at least 2 1/2" deep before insert the lag screws. See FIG 2 and 3.



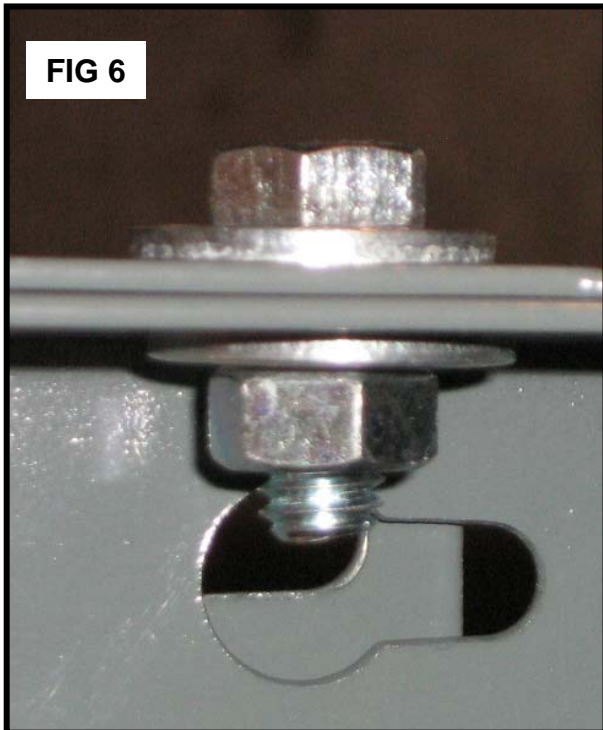
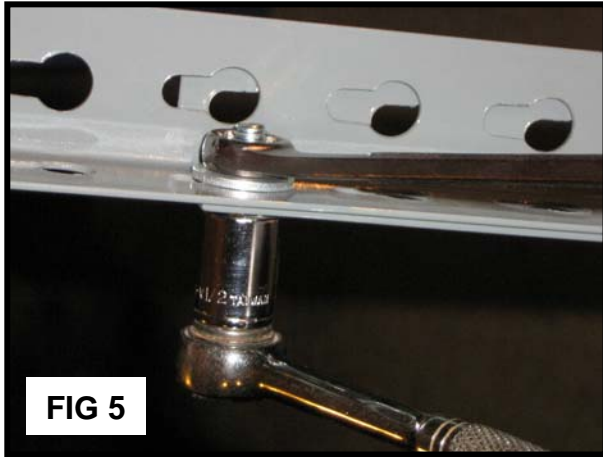
Place a washer on the lag screws and drive them into the holes you drilled. **DO NOT OVER TIGHTEN.** It is possible to strip out the hole if you torque the screw too much. See FIG 3 and 4. **WARNING: For SAFETY, each lag screw needs to be driven at least 2" into the wood joist. This system is not intended for steel framed homes. Do not attempt mounting to steel beams.**



## Step 4

Take the vertical posts and adjust them to the desired distance from the ceiling. Ensure the lower section of the vertical post is placed on the inside of the two post pieces. Use two bolts with washers on both sides to secure the posts together. Next, use a single bolt, with washers on both sides, and connect the vertical post assembly to the ceiling bracket. Repeat this step for all four posts.

**IMPORTANT:** Ensure the teardrop holes are facing down. See FIG 5, 6 and 7.



## Step 5

Once all vertical posts are in place, start placing the side beams. Start on the short ends and finish with the long sides. **IMPORTANT: For Safety, use a helper when securing the beams.** Seat the rivets into the holes using a rubber mallet or hammer. FIG 9 shows a fully seated beam. Continue seating the remaining beams. **WARNING: Opposite ends may come loose when hammering beams in place. Use a helper to ensure rivets do not come loose during the seating process. Beams can come loose and fall potentially causing damage or injury.**



FIG 8

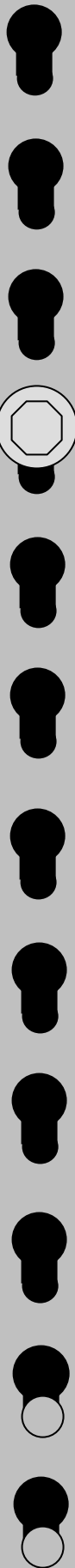


FIG 9



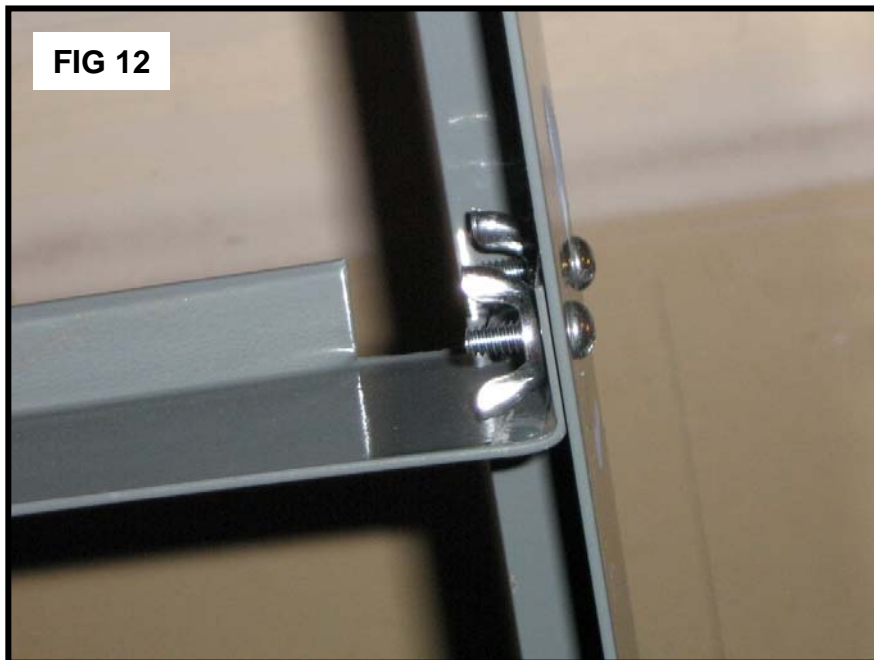
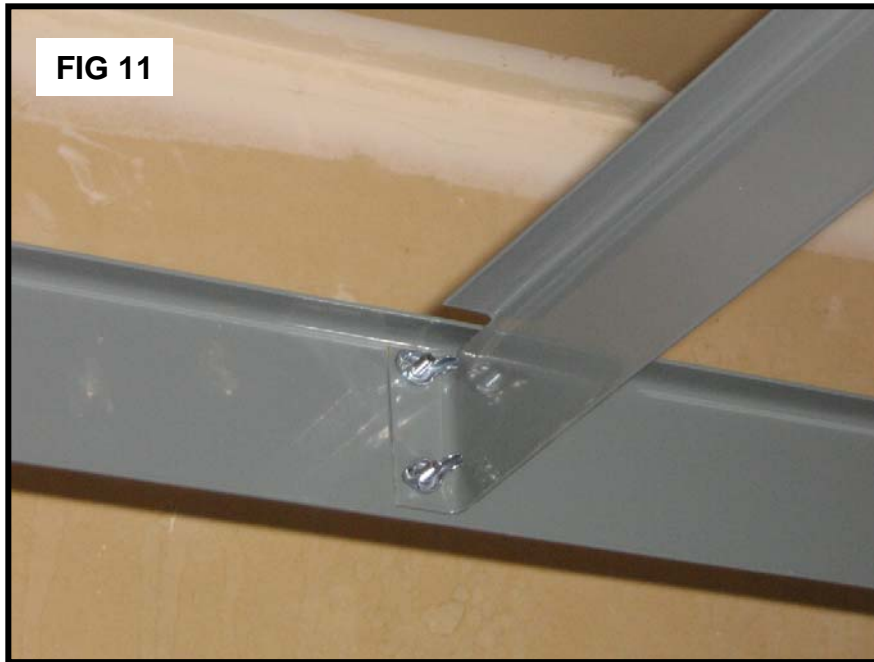
FIG 10

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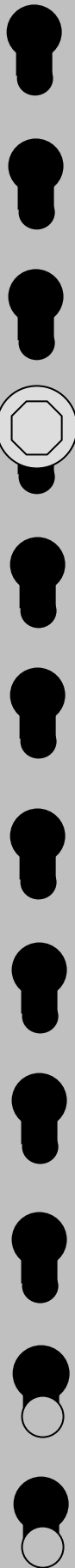


## Step 6

Connect the center support (Models: 4x8, 4x6, 3x8, 3x6, 2x8, 2x6) using the remaining flat-head bolts and wing nuts. See FIG 11 and 12.

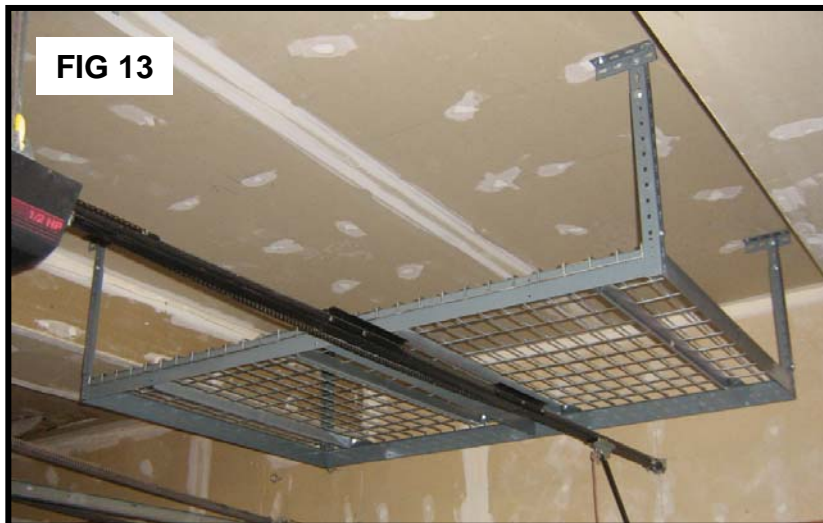


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## Step 7

You are almost finished. Take the wire decking and place it on the racking unit. Wire decking remains in place by gravity and can slide freely side-to-side. There will be a small space between each deck. See FIG 13.



## Step 8

### FINAL INSPECTION

Take one last look at all the rivets to ensure they are properly seated. In addition, make sure all bolts and nuts are tightly secured. Look at the ceiling bracket lag screws and ensure they haven't backed out during the beam seating process. You are now ready to load up your storage rack.

**WARNING:** Load heavy objects nearest the vertical posts and light objects nearest the center. Read the safety label on the rack and do no 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 are seated properly.

### **WARNING, DO NOT EXCEED THESE WEIGHT LIMITS**

4' x 8' Frame	600 lbs.	3' x 6' Frame	400 lbs.
3' x 8' Frame	550 lbs.	2' x 6' Frame	400 lbs.
2' x 8' Frame	450 lbs.	4' x 4' Frame	300 lbs.
4' x 6' Frame	500 lbs.		

These weight limits are based on a framed garage with a minimum of 2 x 6" (standard lumber) ceiling joists at 24" or less on-center. For truss framed garage ceiling structures, 2 x 4" (bottom truss cord) is okay. The racks themselves are structurally rated to double the above limits. However, the weakest point in the entire system is the garage ceiling joists and rafter system. If, for any reason, you suspect the integrity of your ceiling structure is in question, discontinue the installation process.

*These instructions and respective weight limits do not preclude sound judgment and decision making when installing and loading your overhead rack. Bottom line...Be careful, use the rack wisely and enjoy your new found space!*

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MONSTER RAX®

# Limited Lifetime Warranty

## LIMITED LIFETIME WARRANTY FOR MONSTER RAX® OVERHEAD STORAGE UNITS

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.

Seller warrants to the original purchaser that its products are free from defects in materials & workmanship and will perform in accordance with its published specifications. This warranty does not cover damage resulting from improper handling or shipping of product, or damages by, misuse, abuse, fire, flood, improper installation, acts of God, neglect, corrosion, modification or mishandling. In addition, this warranty does not cover cosmetic damage including scratches, dings, dents or cracks that do not affect the structural or functional capability of the product. Coverage terminates if the original purchaser sells or otherwise transfers the product.

To report a warranty defect, please contact customer care at [customer care@monsterrax.com](mailto:customer care@monsterrax.com). Please include your telephone number and product registration number. If, after inspection, we find that the product is defective in materials or workmanship, we shall at no charge to you repair or replace the product at our discretion, and return the product to you. You are responsible for shipping costs but there is no charge for the inspection. This warranty excludes claims for incidental or consequential damages in connection with the warranty problem. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state or country to country.

**Damages to the product, property or persons resulting from improper use, overloading, installation errors or buyer negligence are not covered by this warranty.**

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

**Keep this document and your sales/installation receipt together for future reference. To activate this warranty, you must register your products within 30 days of purchase. You can register at [www.monsterrax.com](http://www.monsterrax.com) or by mailing in the below warranty registration card. These documents are required for warranty service.**

### MONSTER RAX® Limited Lifetime Warranty Registration Card

Date of Purchase: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, ZIP: \_\_\_\_\_

Phone number: \_\_\_\_\_

Email Address: \_\_\_\_\_

Installed By: Buyer / or Other please list:  
\_\_\_\_\_

Your Garage Size: 1, 2, 3 car: \_\_\_\_\_

Approx Home Size (Square Feet): \_\_\_\_\_

Number of Household Occupants: \_\_\_\_\_

#### Purchase Information

Your Total Product Purchase Cost: \_\_\_\_\_

Your Total Installation Cost (If installed by one of our Dealers): \_\_\_\_\_

#### Registration

Number/s: \_\_\_\_\_

\_\_\_\_\_

Use back of form for additional unit registrations

Comments (Please tell us about your experience with the product):  
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For warranty activation go to [www.monsterrax.com](http://www.monsterrax.com) or mail this warranty card to the address below. All information must be accurate and complete.

Davis Bacon Material Handling

MonsterRAX Division

4436 Worth St

Los Angeles, CA 90063