

48 in. X 96 in.

600 Pound Capacity Overhead
Storage Unit

MODEL # SR600D
Patent Pending



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Installation Support



Please Do Not Return This Product To The Store!

1-877-717-RACK (7225)
info@strongracks.com

If there are any missing or damaged parts, please contact us immediately for replacement. In some cases, a new part can be shipped to you within 1-3 days.

Our quality control members hand check every box prior to shipment. We take this very seriously and want you completely satisfied.

If you find that installation of our products might be a little more technical than you anticipated, then we can simply guide you to a qualified installer and arrange for the installation. Our vast installation support network allows us to offer you the extra support you might need with busy schedules.

Please review our list of dealers at www.strongracks.com or contact us for help. Refer to Appendix IV for additional installation help.



Safety Information



STOP: Ensure that you understand your ceiling support structure prior to installing.

Ensure that you know your load prior to loading items on your ceiling storage system.

Our products are designed for installation into properly constructed wood ceiling joists, TGI s or floor joists. *Do not install into metal studs or ceiling concrete floors.* We do not warranty or make any claim to the construction of your home. If you have any questions about your homes construction, check with your local builder. If you are not comfortable with installing this product, call one of our authorized dealers for support.

Do not exceed the posted weight capacity of our units. We suggest that you weigh each item prior to loading. The weight capacities are based upon even distribution. Even distribution is the average of the total capacity, divided by the size of the unit. For example, a 600 LB capacity 4 x8 unit will have a per square foot weight capacity of 18.75 pounds. Do not exceed the posted capacity.



Safety Information



You must read this entire manual before attempting to install this product. We also suggest you visit www.strongracks.com to review our installation video. If you have any additional questions or need to speak with an installation professional, do not hesitate to call us directly. We will provide timely responses to your questions.

1-877-717-RACK (7225) Monday - Friday 9am-5pm Arizona Time

We have hundreds of qualified dealers throughout North America. Visit www.strongracks.com to contact your local installer.



Warning

Electrical , Plumbing or Gas Lines May Be In The Ceiling or Walls

Prior to drilling, you must identify where your electrical, plumbing and gas lines are inside your walls or ceilings. Failure to do so may result in damage or serious injury. Contact a professional to locate.



Warning

Be Aware of Falling Items or Personal Fall Hazard

Be aware when climbing a ladder. Do not have your hands full when climbing. Do not lean out away from the ladder to load or install the system. Do not overreach or overextend from ladder.



Warning

Ceiling Joist, Truss and Wall Stud Overloading Potential

This system can be installed into 2 or 4 Ceiling Joists. We recommend that you install into 4. You can also install the system into the wall studs. If you install into 2 joists, do not install another unit into the same joists. Weigh all items prior to loading. 600 Pound Max.

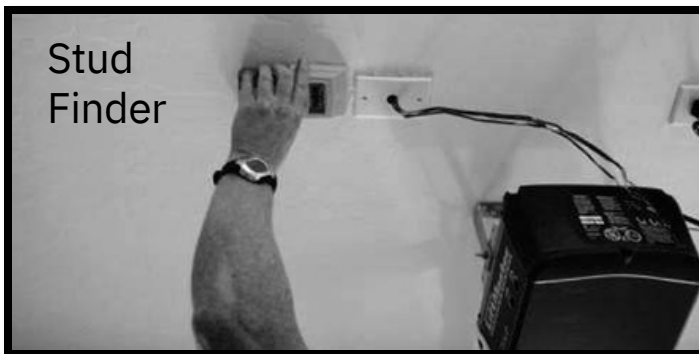
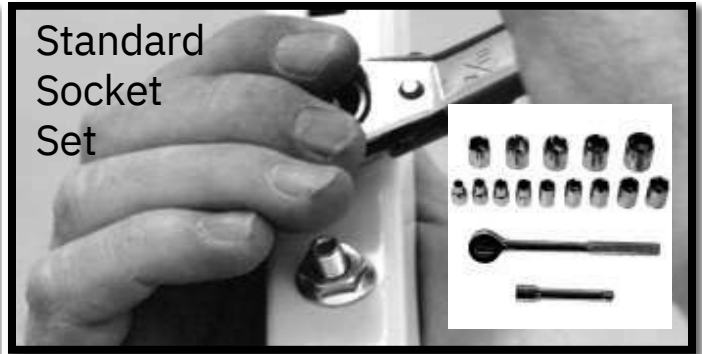


Warning

System May Be A Personal Injury Hazard

Failure to read and follow these installation instructions, per the manufacturer's guidelines, may result in serious injury or death. If you are uncomfortable installing yourself, please contact us or visit our website to identify an installer of our products.



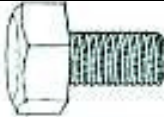
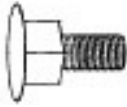
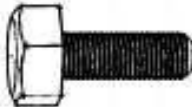


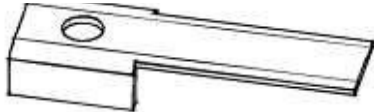

Required Tools



Optional Tools


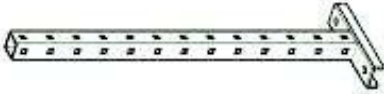



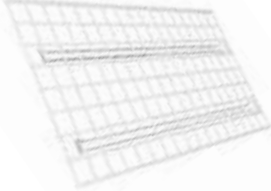


We recommend that you use the Storage Locator Worksheet (Appendix II), to note where you would like to install our products. You can also draw out the position / direction of your ceiling trusses, as it relates to our systems. Keeping good notes will ensure proper installation and support future installations. 6

Letter and Name	Picture	Quantity
Large Carriage Bolt		x12
Small Nut		x36
Small Bolt		x20
Small Carriage Bolt		x24
Medium Bolt		x8
Large Bolt		x4
Large Nut		x24
Rail Clamp		x4
Lag Screw x8		

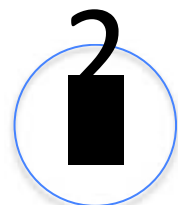
Note: Extra hardware may be included in kit.

Part List

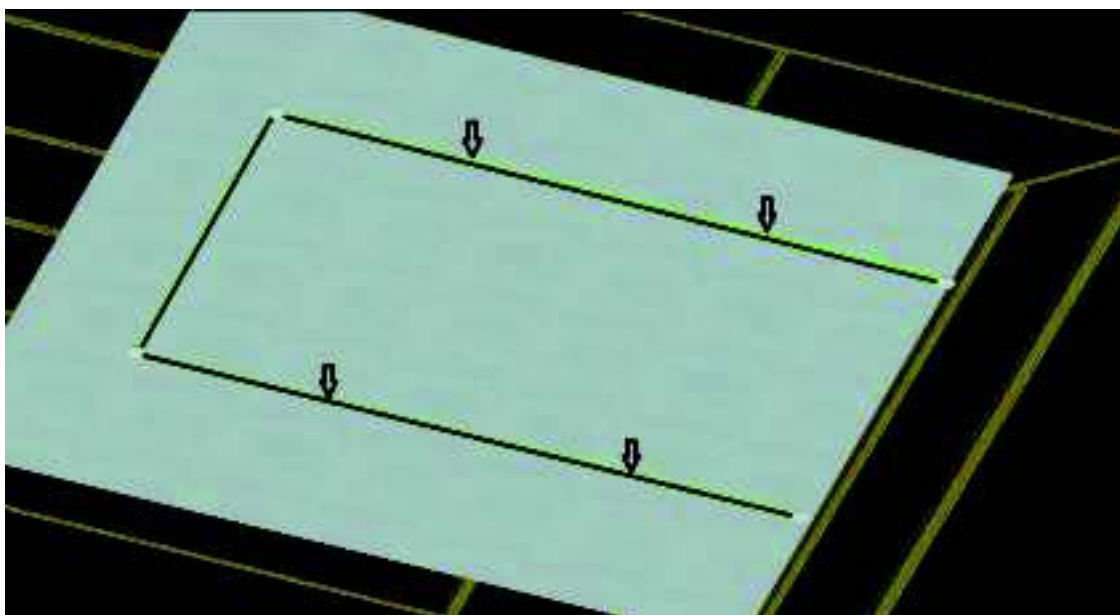
Part # and Name	Picture	Quantity
#1 Mounting Track		x4
#2 Down Tube		x4
#3 Inner Tube		x4
#4 Rail		x6
#5 Universal Rail Connector		x2
#6 2 x 4 Grids		x4



Determine your ceiling support system. To understand your truss direction, spacing or placement, you may need to enter your attic. You may also need to consult your builder or a licensed contractor. As an additional resource, refer to Appendix I. **Tip:** The direction of your ceiling outlets will indicate the direction of your trusses, just as the location of your garage door support will indicate the location and spacing of your trusses.




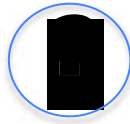
Determine what section of the garage will house your new Strong Rack. Make sure there are no obstructions within the designated space (i.e., lights, attic door, sprinklers, etc.). If you have cabinets in your garage, make sure there is adequate clearance for doors to open. The image below represents our rack outline. The arrows represent where the (4) Down Tube locations will be.





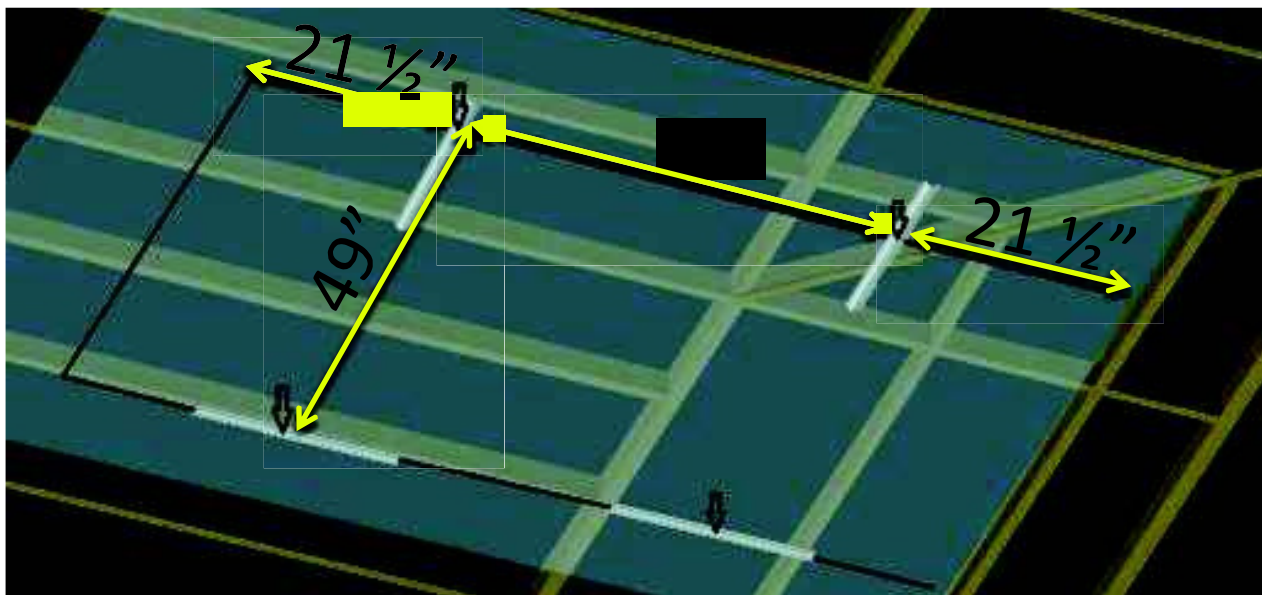
Hardware Required:

I:  **x8**

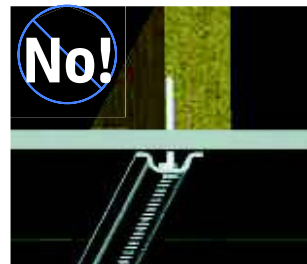


Measurements should be: 21 ½ inches from each corner down the 8 foot lengths, giving you the center of the Down Tube location. From there 53 inches to the next tube location. 49 inches center to center across the 4 foot width.

These markings will indicate where each of the Down Tubes (#2) will be placed. Locate the trusses most near to these markings. Use lag screws (I) to affix each Mounting Track (#1) to the two closest trusses. In some cases, you can lag down the center of one truss, although the preferred method is to use two separate trusses. Refer to the next page for all viable mounting options. Replicate this step for all four Mounting Tracks (#1).

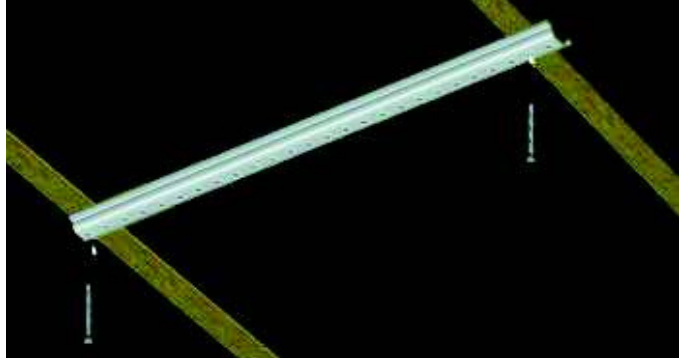
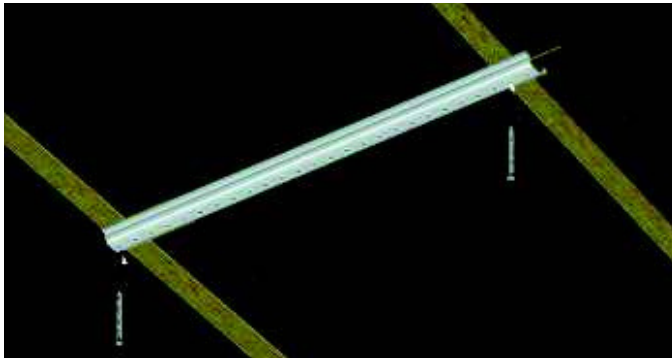


Ensure the lag screw is in the center of the truss. Refer to Appendix III for additional information regarding proper mounting.

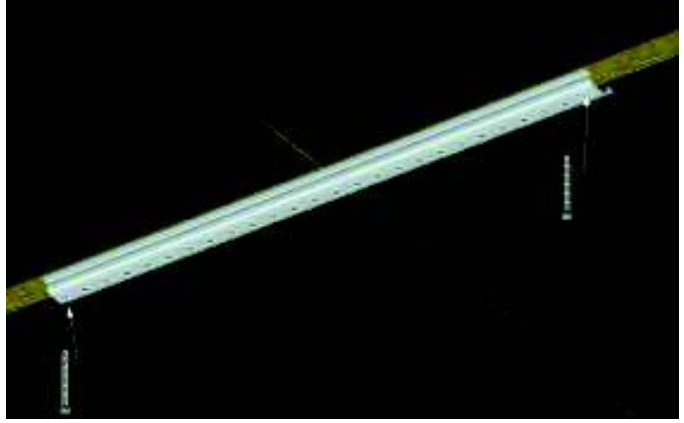


Step 3: Mounting Track Options

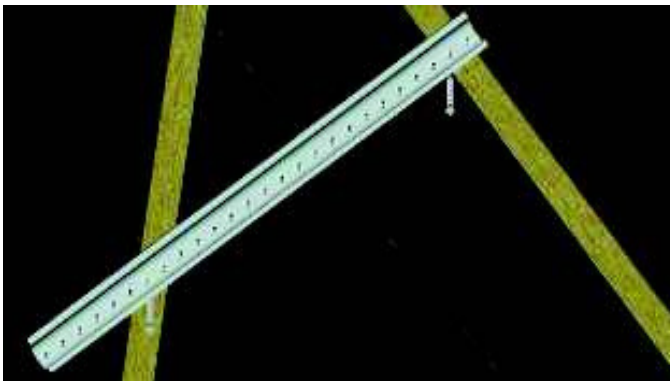
The line represents our Down Tube location on each track



Attaching to two trusses is preferred.



When you cannot span two trusses, attaching to a single truss is an acceptable alternative.



If you have a hip roof, you may need to attach to an angled truss.



No!

The string should always fall between the two lag screws. 11



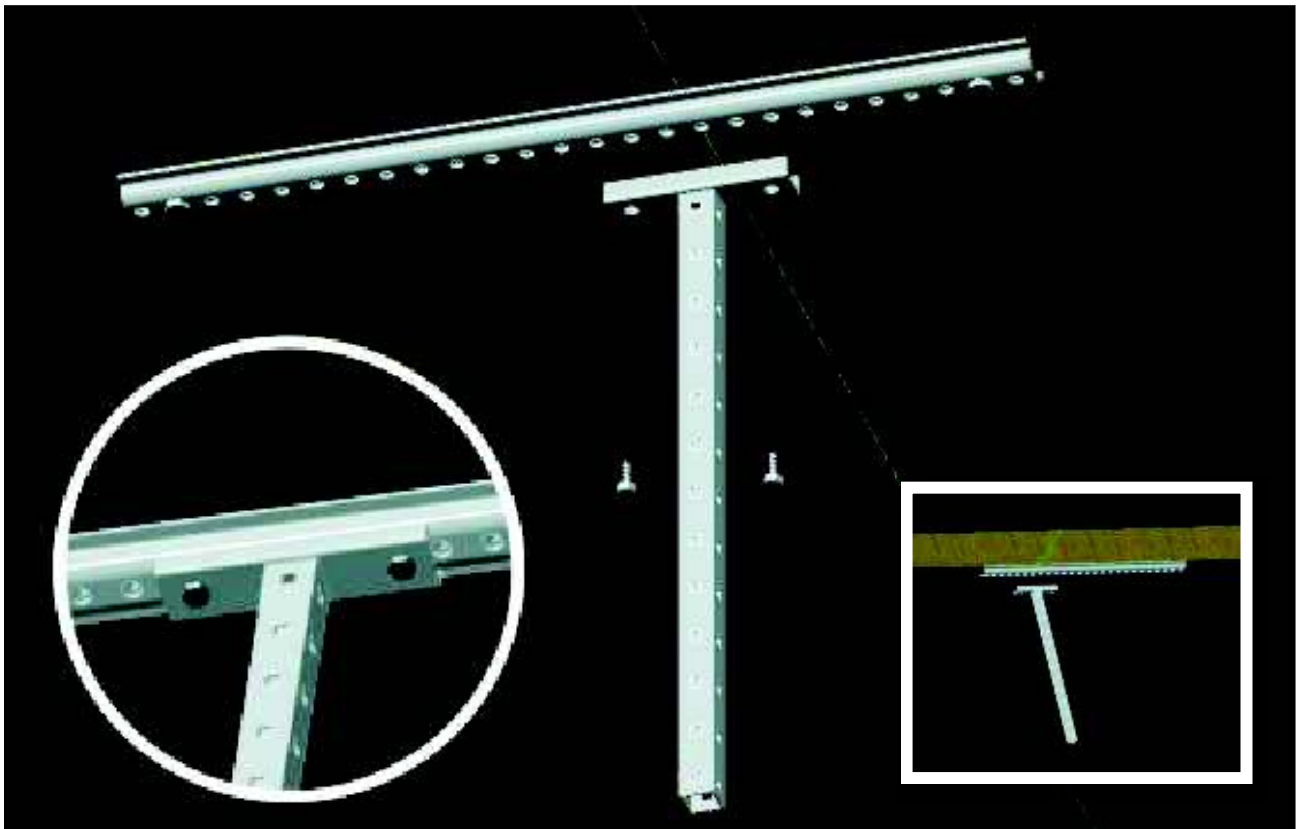
Hardware Required:

E:  **x8**





Using Medium Bolts (E), attach Down Tube (#2) to Mounting Track (#1). The Down Tube should be centered over your marking from the measurements utilized in step 3. Replicate this step for all four Down Tubes.

Please note: Although the Down Tube must be centered on your marking, it may not be centered on the Mounting Track.





Hardware Required:

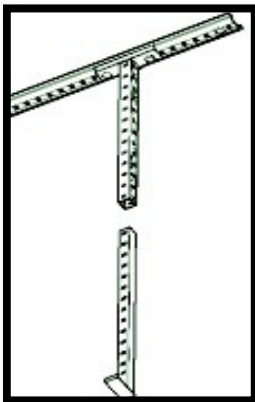
- A:**  **x12**
B:  **x12**

5

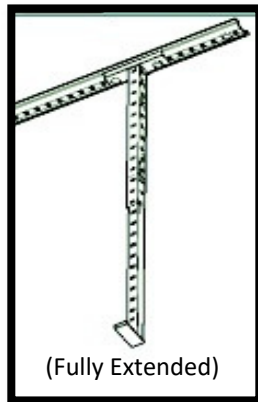
Insert Inner Tube (#3) into the Down Tube (#2). Slide the Inner Tube up or down to determine the desired height of the Strong Rack. You may want to consider the size of your vehicle, your height, steps, ground storage, etc. Use three Large Carriage Bolts (A) and three Small Nuts (B) to secure the tubes together. The flat head of the bolts should face outward. Replicate this step for all four tubes ensuring that they are all the same height.

Tip: Count the exposed holes on the Inner Tube to ensure level installation.

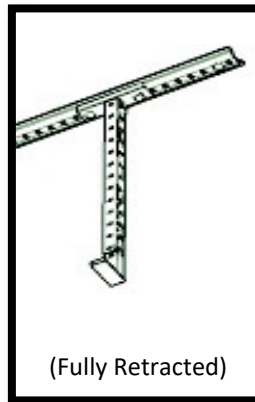
Do not over tighten.



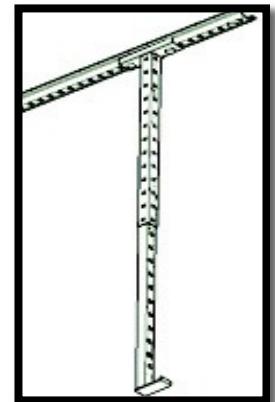
Insert Inner Tube



(Fully Extended)

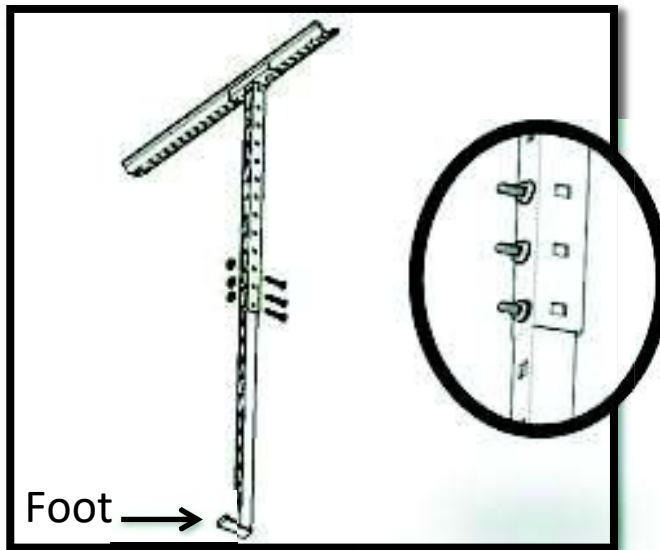


(Fully Retracted)




Foot can rotate 90°

Secure Down Tube and Inner Tube together using three Large Carriage Bolts. The bolts must be used in the bottom three holes of the Down Tube.



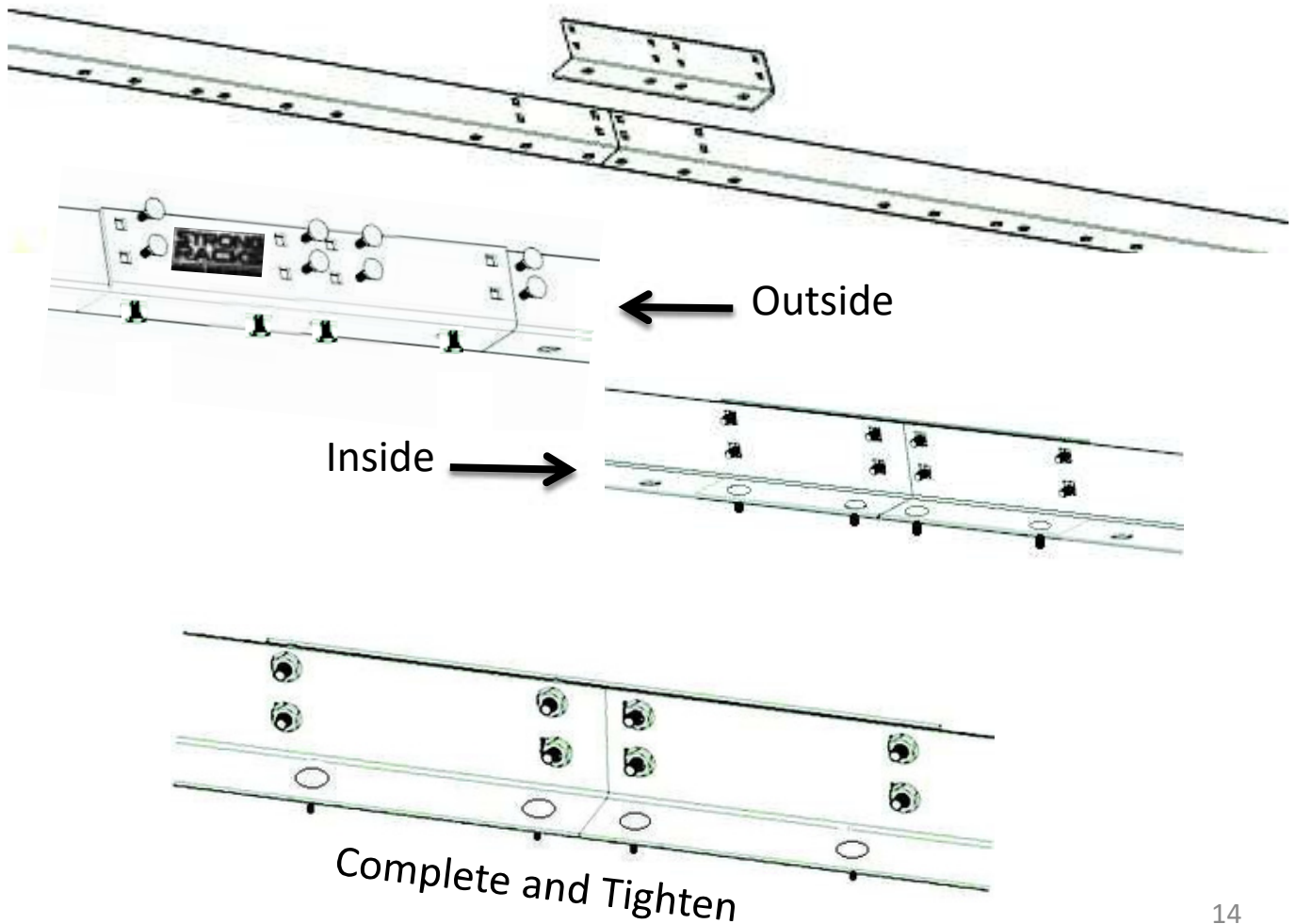


Hardware Required:

- D:**  **x20**
B:  **x20**

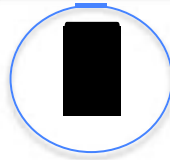


To assemble the sides of the platform, begin by laying two 4 Rails (#4) end to end. Use Universal Rail Connector (#5), along with twelve Small Carriage Bolts (D) and twelve Small Nuts (B), to join the two 4 Rails. Repeat with other two 4 Rails and second Universal Rail Connector. Note: Bolts on the bottom should have heads facing up (this will allow the grids to sit flat).

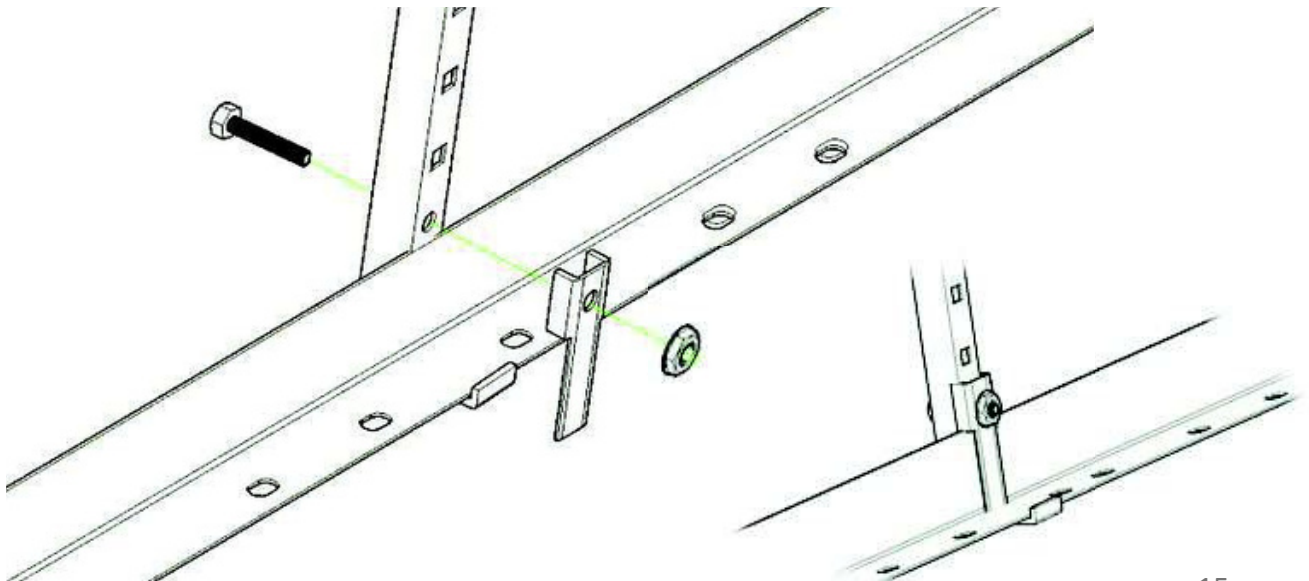
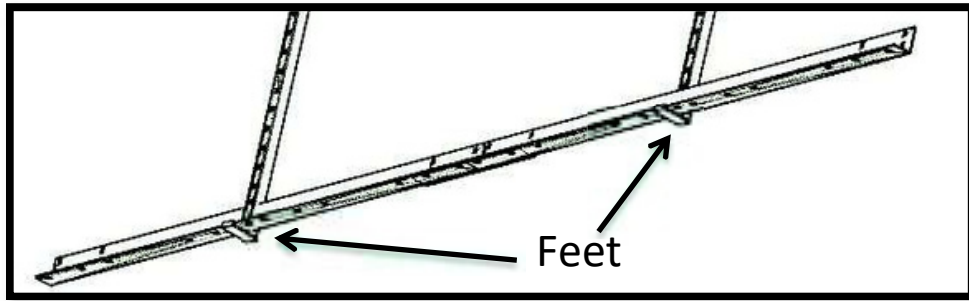




Hardware Required:

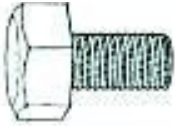


Lay each 8 section across the feet of two Inner Tubes (#3) with the Universal Rail Connector (#5) in the center. Measure the distance from the wall to each 8 section to ensure proper alignment of the two. Once aligned, use one Rail Clamp (H), one Large Bolt (F) and one Large Nut (G) to secure each Rail to Inner Tube. This will form the two long sides of the platform.



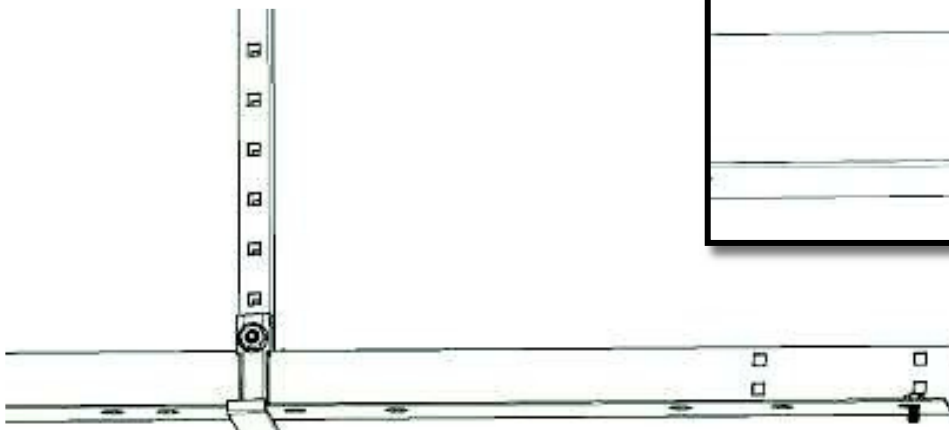
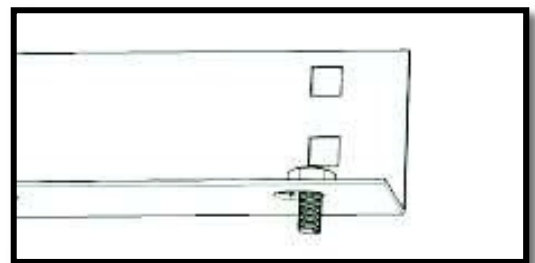
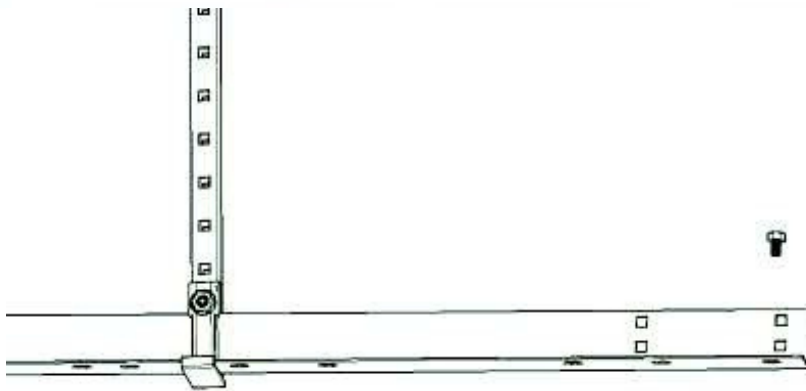


Hardware Required:

C:  **x4**



Drop one Small Bolt (C) into each end of both 8 rails.

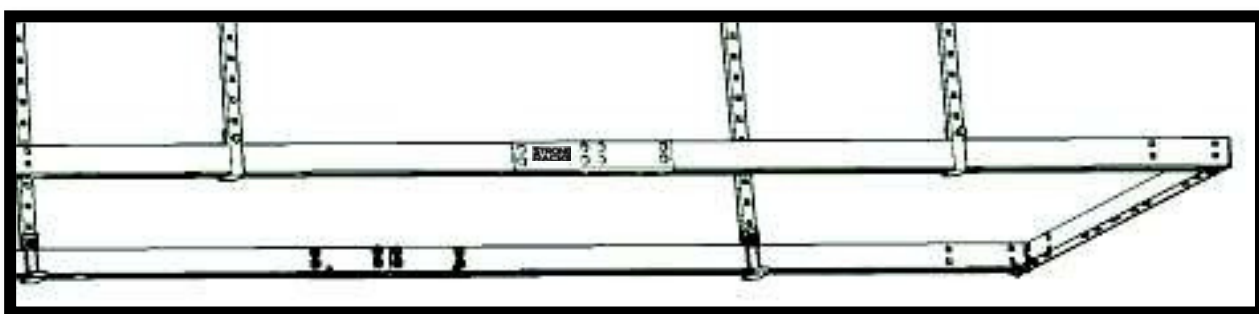
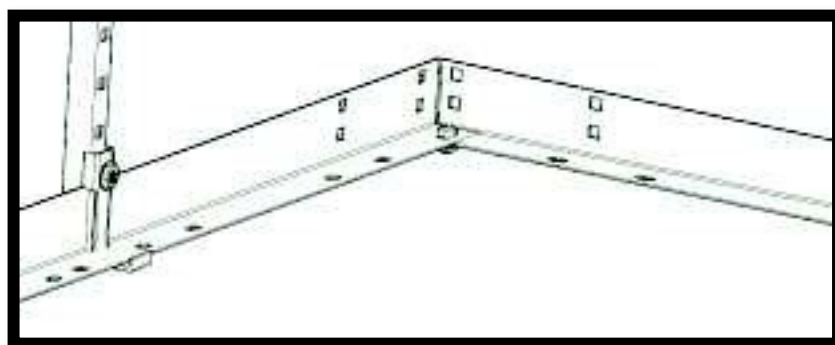
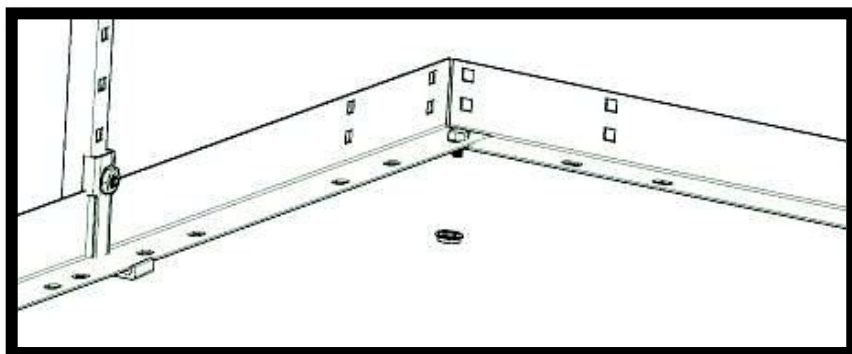


Hardware Required:

B:  **x4**



Using the Small Bolts from Step 8, connect the two ends of the 8 sections using one of the remaining 4 Rails. Secure with Small Nut (B). Repeat on the other side to complete the perimeter of the platform.





Hardware Required:

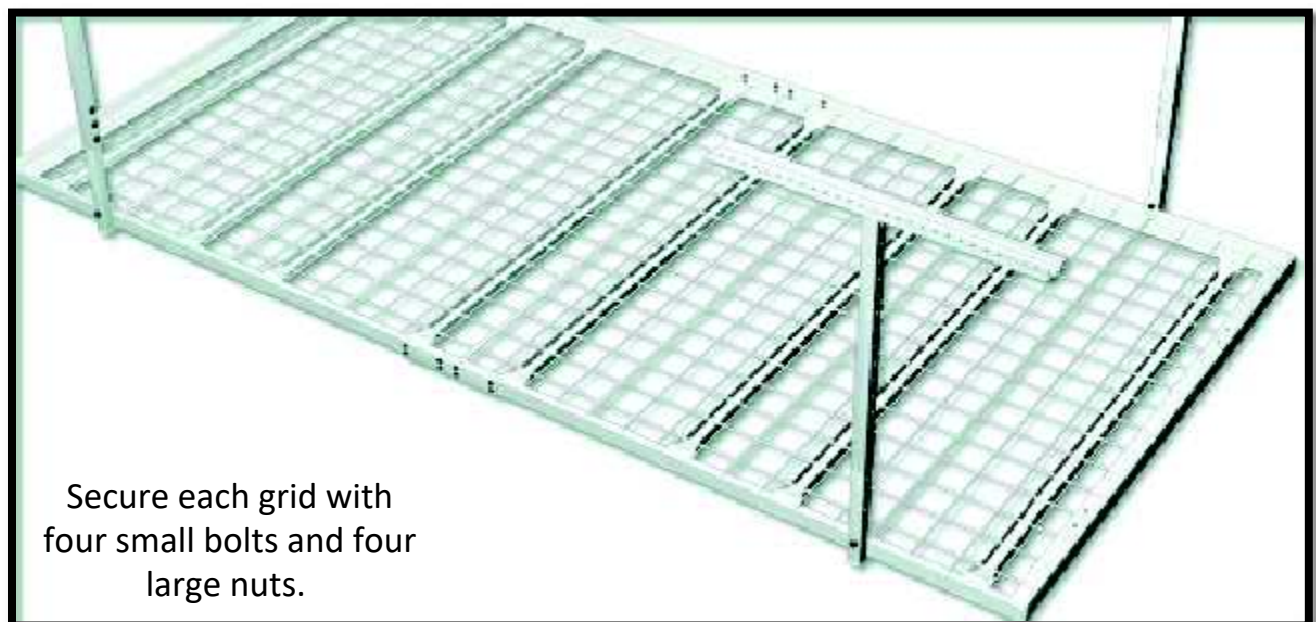
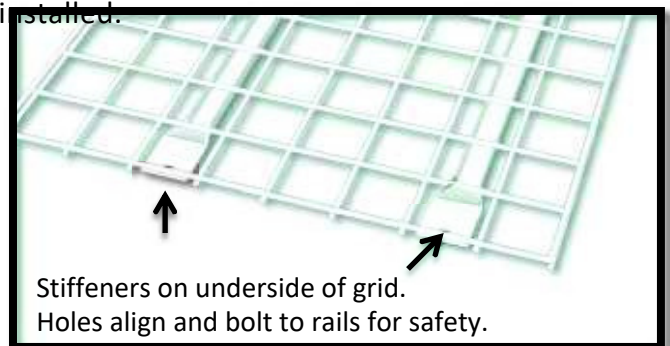
C:  **x16**

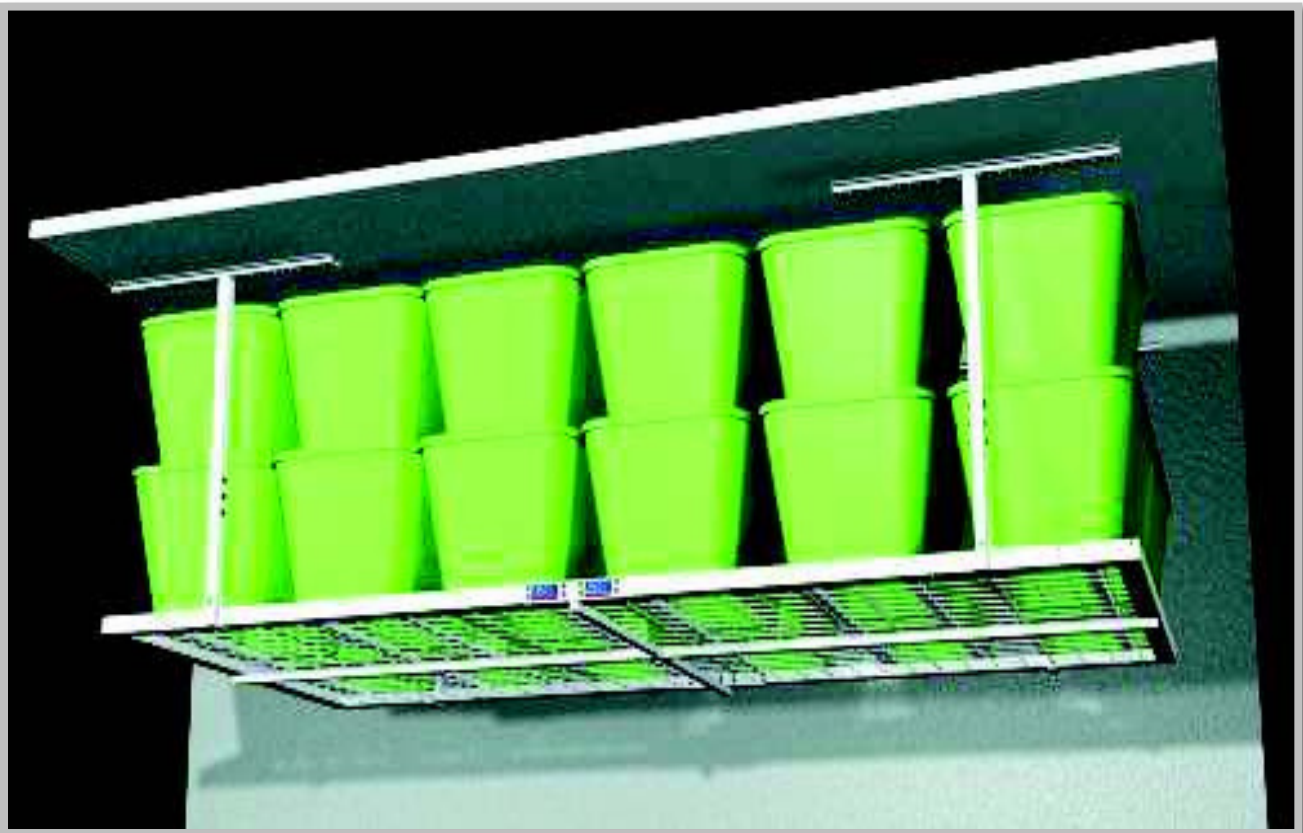
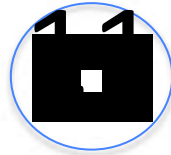
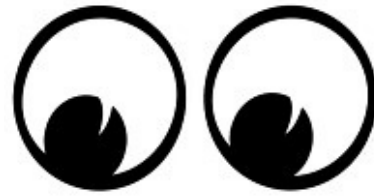
G:  **x16**



Lay one Steel Grid (#6) along the 4 rail at one end of the frame. Steel Grids must have the welded stiffeners on the bottom of the grids (as shown in the picture below) to provide additional strength and support. Each Steel Grid can be rotated to ensure holes align properly. Use four Small Bolts (C) and two Large Nuts (G) to secure each grid. Repeat with next grid, working your way toward the other end until all four grids are in place. The stiffener positions will alternate as the grids are installed.

Note: Do not install grids with stiffeners on top of the grid.





Congratulations! Stand back and admire your completed Strong Rack.

Now you can load your system. Refer to Appendix V for additional accessory options.

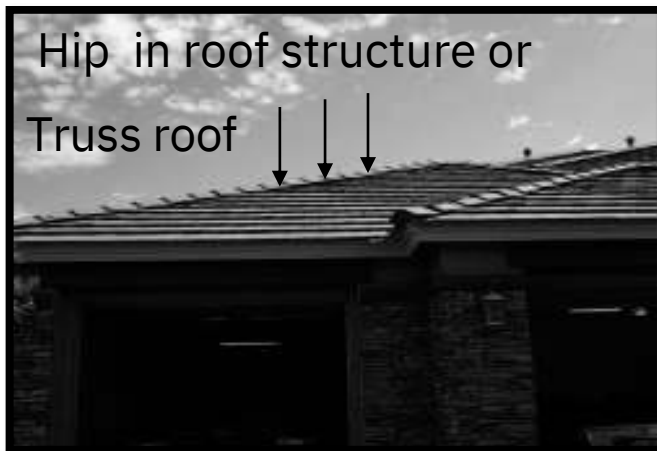


Appendix I

Understanding Your Ceiling Support Systems

There are 4 standard type of roof structures:

1. Living Space above the garage area.
2. Flat roofs.
3. Hip / Truss roofs.
4. Traditional Gable roofs.



It is important to identify the type of roof structure you have, to start the process of installation. Once you identify the type of roof structure you have, you can understand the type of construction you have in your ceiling.

We will attempt to demonstrate the type of ceiling or truss systems but these types may vary. If you have any questions on the type of roof structure you have, we recommend contacting your builder, viewing your ceiling trusses via your attic access or contacting a qualified representative to help you.

Appendix II Storage Locator Worksheet



Storage Locator Worksheet

Notes:

Sprinklers: Lights: Obstructions:

Floor to ceiling height

Clearance above garage

Width of Garage

Length of Garage

Roof Line Type

Hip Flat

2nd Story Vault

Please note garage doors, openers and show position of garage door/motor tracks. Dashed line represents position of garage door when open.

Appendix III

Proper Mounting

It is recommended to use a stud finder and physically inspect your crawl space to locate your truss direction. You can also make note of any electrical, plumbing or gas lines that may be around your truss system.

Always install the lag screws directly into the center of a truss. With appropriate installation, you should never encounter utility lines.

We recommend probing to find the edges of your truss. This is the most reliable method of finding the center of your truss and ensures proper installation of the lag screws.

Because our lag screws are designed to be contained inside of solid wood trusses, they are 3" in length. If you find that you have pre-fabricated wood trusses such as TGI's, we recommend that you slowly tighten your lag screws into the mounting track. Some pre-fabricated trusses are thin, and your lag screws may penetrate the back side.

If you cannot view your trusses due to a living space being above your garage, you can purchase 2 1/2" steel lag screws to replace the 3" lag screws that are provided in your hardware kit.

In every situation, it is best to consult with your builder or a professional to help with your project.





Appendix IV

Need Installation Help?



Visit www.strongracks.com to locate your nearest installer or watch our detailed installation video. Some homeowners prefer to stream this video in their garage while installing our products.

While our installation videos provide a high level of detail, you must still thoroughly read through this installation guide prior to starting your project.

Search Dealers

Postal Code: Show results within 5 Miles

Keywords:

Tag: Please Select

State: Please Select

Submit

Found 127 locations that matched your search

Dealer Locator

The Garage Organization
Company of Arizona
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Phoenix, Arizona
602-516-8006
<http://www.thegarageorg.com>

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Company
2401 W. Phelps Rd
Unit C
Phoenix, Arizona 85023
602-516-8006
<http://www.garageorg.com>

The Garage Store
Wheta, CA 92044
602-258-1110

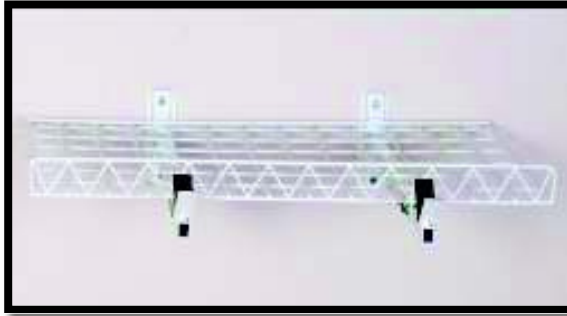
Amazing Space
Sioux Falls, SD 57108
605-336-8348

Appendix V

Accessory Options



Bike Adapter



18 x 36 Steel Wall Shelf



Wood Shelf Liner

Ladder Hanger



All Purpose/Bike Hook

