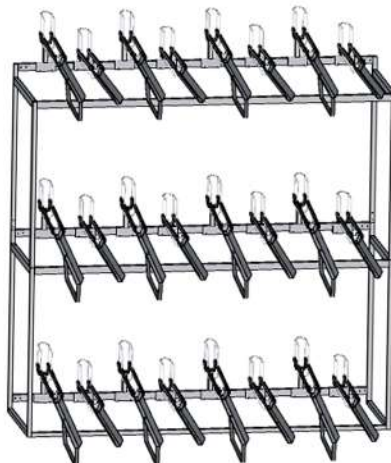




Designed & Made
in the
USA

SLOPED DOUBLE DECKER 3-Tier with Trays on All Tiers



HARDWARE

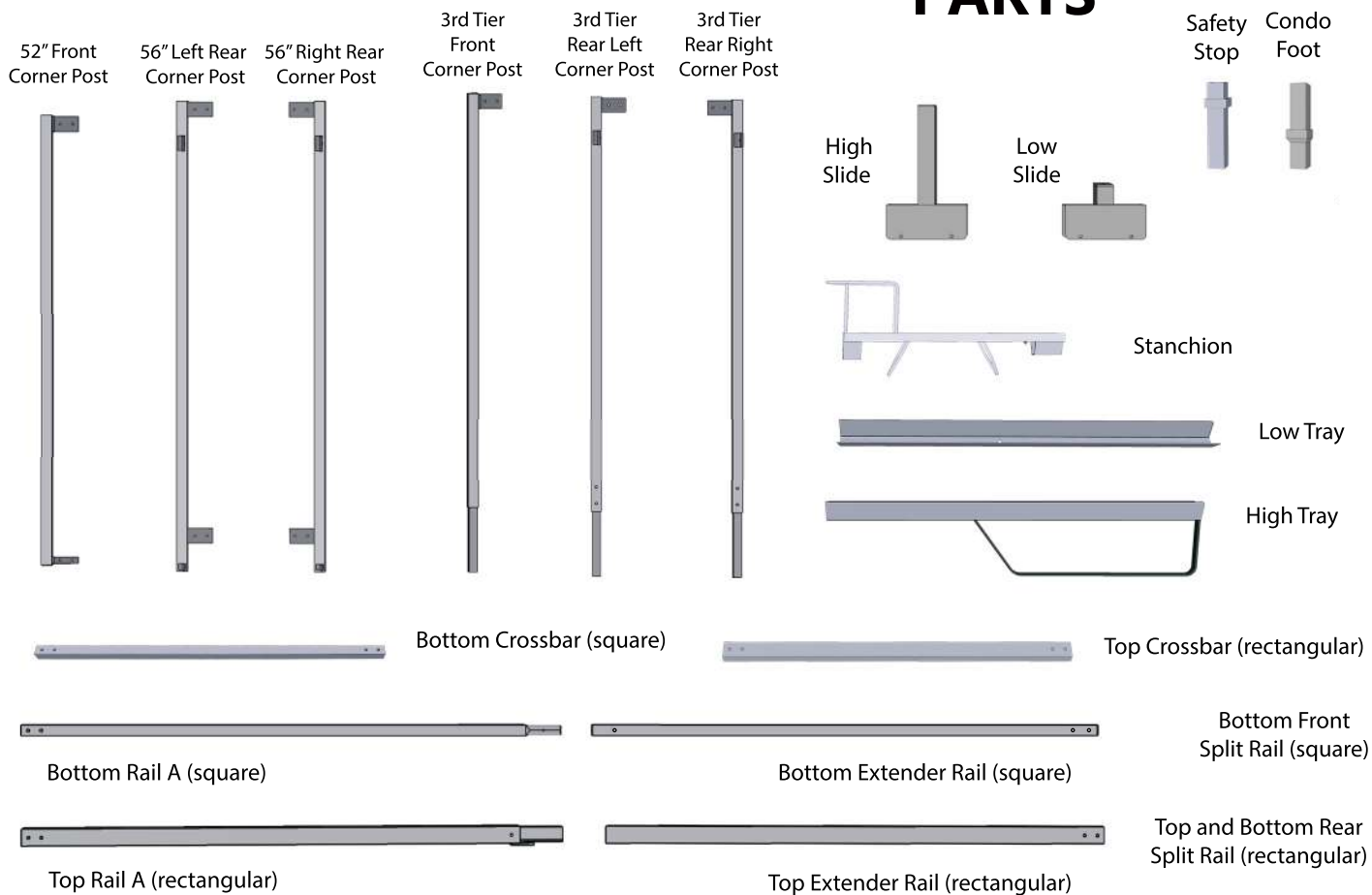
- 1/4" x 3/4" Bolts
- 1/4" x 1-3/4" Bolts
- 1/4" Washers
- 1/4" Stopnuts
- Thread Rolling Bolts
- 5/16" x 1/2" Bolts
- 5/16" X 3/4" Bolts
- 5/16" x 1" Bolts
- 5/16" Washers
- 1/2" x 1" Black Plugs
- 1" Black Plugs
- 1-1/4" Black Plugs
- 1/4" x 3/8" Set Screws

TOOLS NEEDED:

- Socket Wrench with 7/16" and 1/2" Sockets
- 7/16" Wrench
- 1/2" Wrench
- Tape Measure

**LOCATE ALL PARTS
AND HARDWARE
BEFORE
BEGINNING RACK
ASSEMBLY**

PARTS



Sloped Double Decker Rail Assembly

Your 3-Tier Sloped Double Decker includes the following rails: (4) Top Rails – Rectangular, (1) Rear Bottom Rail – Rectangular, and (1) Front Bottom Rail – Square

Step 1 – Identify Rail Components

Each rail is shipped in two pieces:

Rail A – with end that inserts into the extender



Bottom Front Rail A (square)



Top and Rear Bottom Rail A (rectangular)

Rail Extender



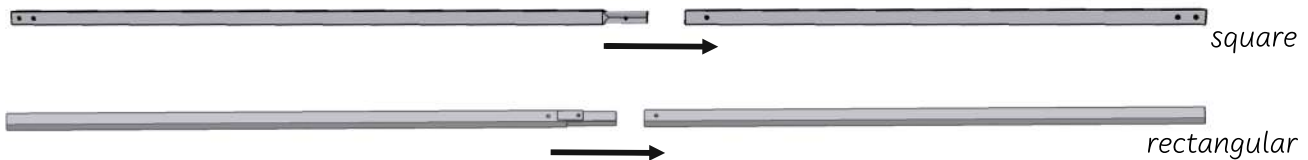
Bottom Front Extender Rail (square)



Top and Rear Bottom Extender Rail (rectangular)

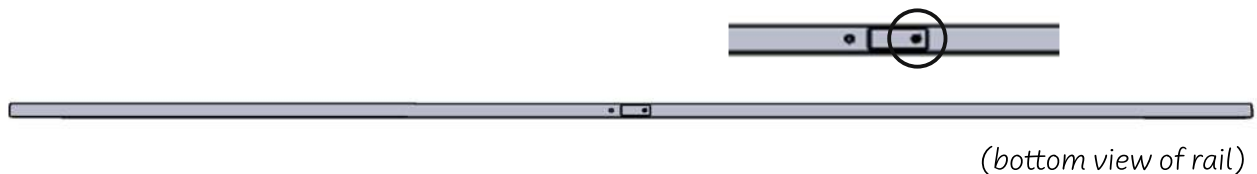
Step 2 – Assemble Each Rail

Insert Rail A into the Rail Extender until it stops and the connection is flush.



Step 3 – Secure Rectangular Rails

For all rectangular rails (both Top Rails and the Rear Bottom Rail), secure using: a 5/16" × 1" Bolt and 5/16" Washer.



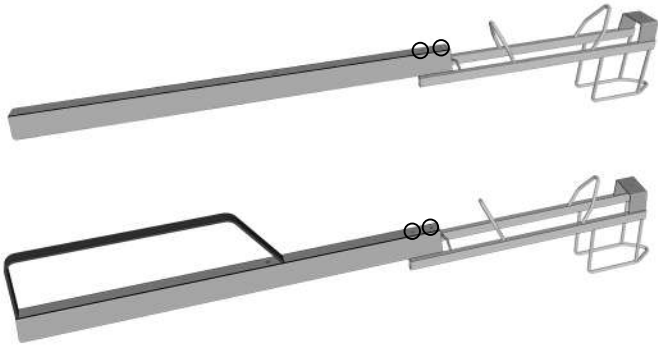
Step 4 – Secure Square Rail

For the square Front Bottom Rail, secure using a Thread Rolling Bolt.

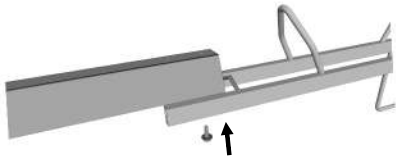


Apply steady downward pressure while turning, as the bolt will widen the hole. (Use a rubber mallet to align holes if needed.)

TRAY ASSEMBLY (HIGH and LOW TRAYS)



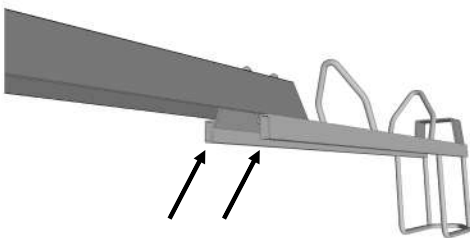
Locate the Stanchions and Trays. Flip a Stanchion and Tray upside down. Align the 2 holes in the Stanchion with the 2 holes in the Tray. The Tray should be on the outside of the Stanchion, as shown.



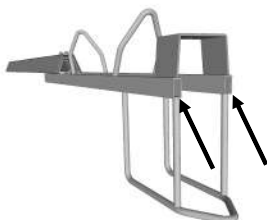
Place a 1/4" washer over a 1/4" x 3/4" Bolt. Insert the assembly through one of the holes. Finger tighten with a 1/4" Washer and 1/4" Stopnut.



Repeat in the open hole, as shown. Tighten using (2) 7/16" Wrenches.



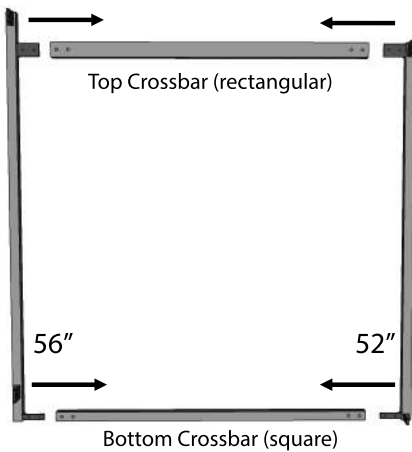
Insert (2) 1/2" x 1" Plugs into the open holes in the front of the Stanchion, as shown.



Insert (2) 1/2" x 1" Plugs into the back of the Stanchion, as shown.

Your tray is now complete!

For ease of assembly, finger-tighten all bolts until Step 4 is complete. This will allow for easier adjustments and alignment throughout the process. Once step 4 is complete, securely tighten all bolts to finish 2-Tier frame assembly.



Step 1:

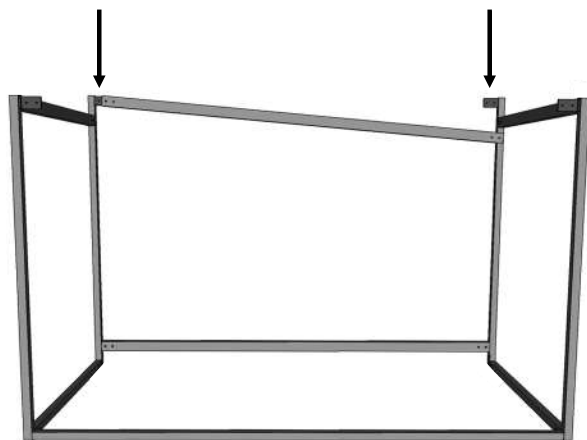
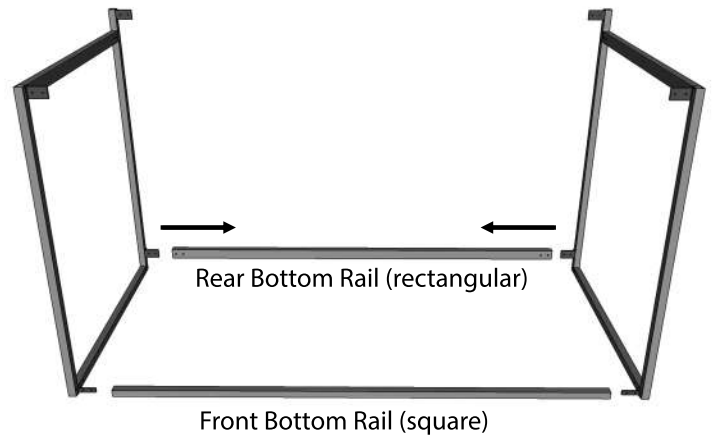
Connect one 52" Corner Post and one 56" Corner Post with one 43" Top Crossbar and one 43" Bottom Crossbar. Insert the ears on the Corner Posts into the Crossbars, as shown. The Right Rear Corner will be taller than the front and its tallest "ear" should be pointed inward. Secure by hand-tightening 5/16" x 1/2" Bolts and 5/16" Washers. You have now completed an end assembly. Repeat this process to create the other end assembly.

Step 2:

Locate the two Bottom Rails (one square and one rectangular). With the end assembly held upright and the Rear Corner Posts at the top, slide the rail ends over the ears as shown.

The bolt attachment point on the rear rectangular rail should face the ground.

Secure using 5/16" x 1/2" Bolts and 5/16" Washers, hand-tightened only. Repeat for the opposite end assembly.



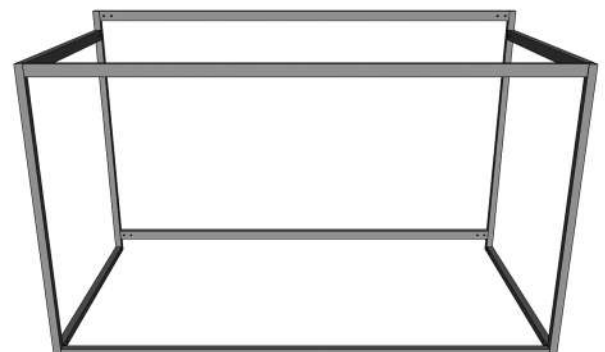
Step 3:

Locate a (rectangular) Top Rail. Slide one end over one of the ears on a rear Corner Post. Then place the other end of the Rail over the corresponding ear at the other side of the rack, as shown. NOTE: It may take a little force to get onto both ears. Secure by hand-tightening 5/16" x 1/2" Bolts and 5/16" Washers.

Step 4:

Repeat Step 3 with the Front Top Rail. Once again, this may require a little force. Now your structure is complete.

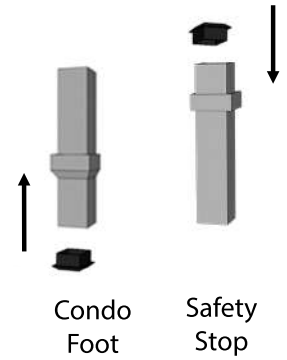
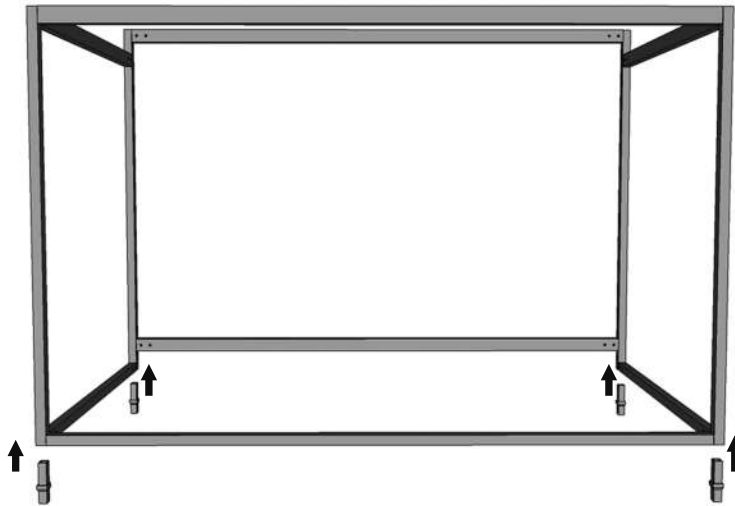
Go back through the entire frame and tighten all bolts.



Step 5:

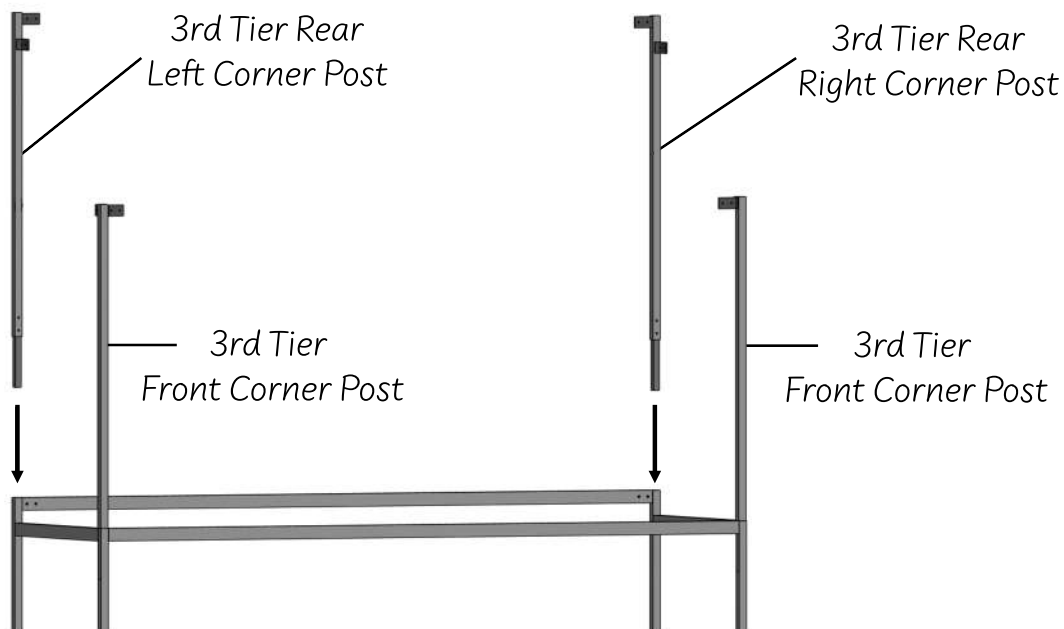
Insert a 1" Black Plug into the bottom of the four Condo Feet and top of the two Safety Stops, as shown. (Set the two Safety Stops aside for later use in Step 11.)

Take the four Condo Feet and, moving around your structure, lift each corner. Slide the long side of each foot into the bottom of each Corner Post, with the Plug facing the floor.



Step 6:

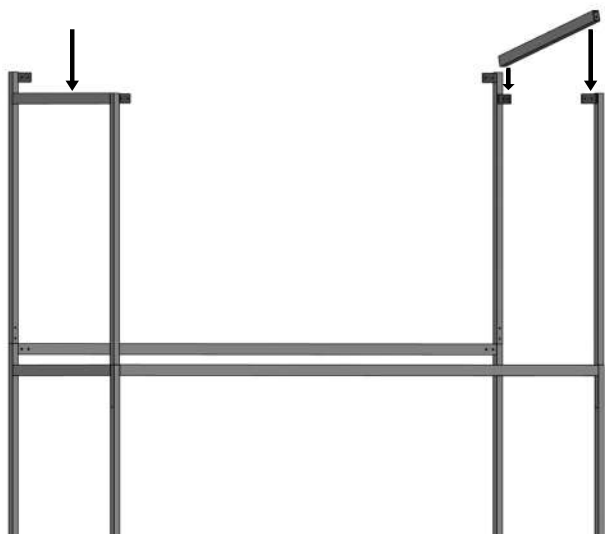
Insert the 3rd Tier specific Corner Posts into the tops of the lower Corner Posts.



Step 7:

Insert the last two Top Crossbars into the corner ears of the the 3rd Tier Front & Left Rear Corner Posts and the 3rd Tier Front & Right Rear Corner Posts.

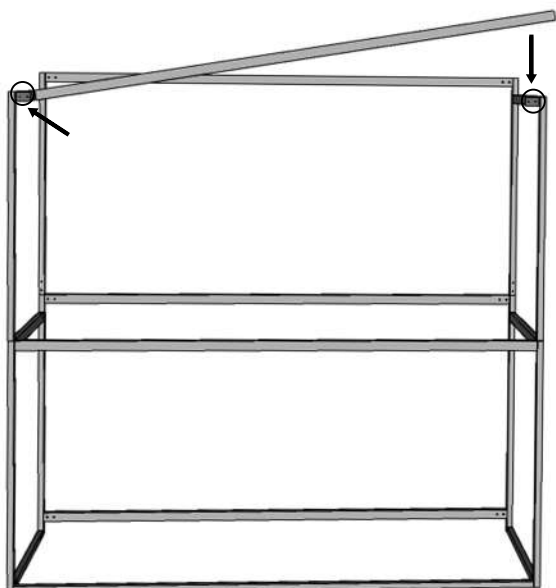
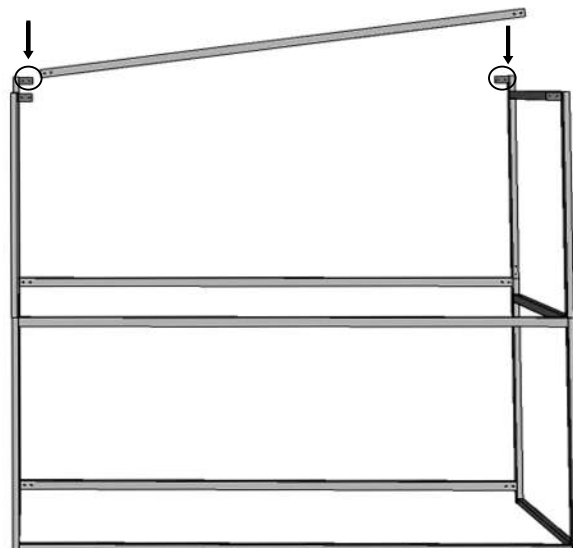
Secure the Crossbars to the Posts by hand-tightening 5/16" x 1/2" Bolts with 5/16" Washers .



Step 8:

Locate a Top Rail and slide one end over the ears of one of the rear 3rd Tier Corner Posts. Then place the other end of the Rail over the corresponding ear of the other rear 3rd Tier Corner Post.

Secure the Rail by hand-tightening 5/16" x 1/2" Bolts with 5/16" Washers.



Repeat by sliding the final Top Rail over the ears of the 3rd Tier Front Corner Posts and securing with 5/16" x 1/2" Bolts with 5/16" Washers.

Go back through the 3rd Tier Frame and fully secure all bolts

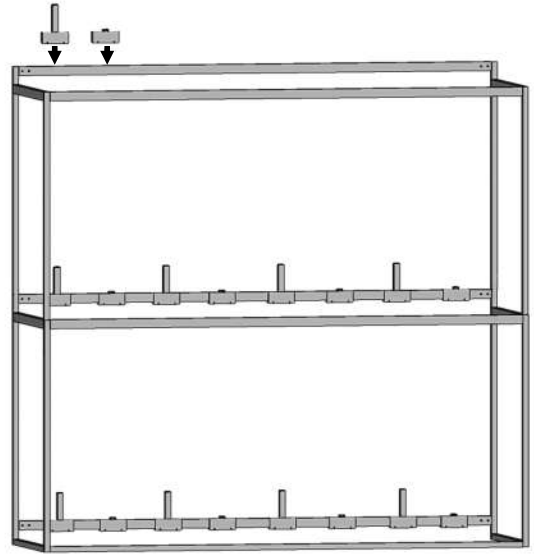
Step 9:

Locate the High and Low Slides. Starting at one end of the Bottom Rear Rail, install the slides in an alternating High-Low pattern as shown. Insert two $\frac{1}{4}" \times 1\frac{3}{4}"$ Bolts through each Slide and fasten with a $\frac{1}{4}"$ Stop Nut from the back.

Repeat this process on each Upper Rear Rail, making sure the High and Low Slides align vertically between tiers.

Slide Placement Tip:

When placing the slides, we generally recommend leaving approximately 3.5" to 4" of space at each end of the rail. The slides themselves can be spaced approximately 7" to 8" apart (end to end) depending on your setup. The slides can be adjusted to fit your specific needs.



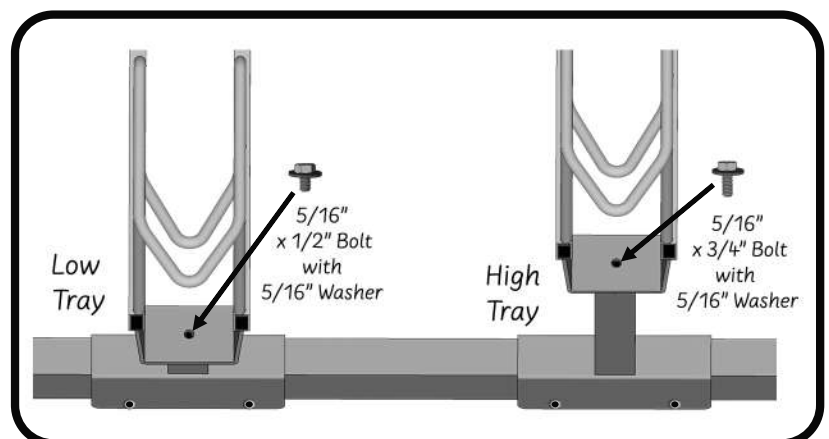
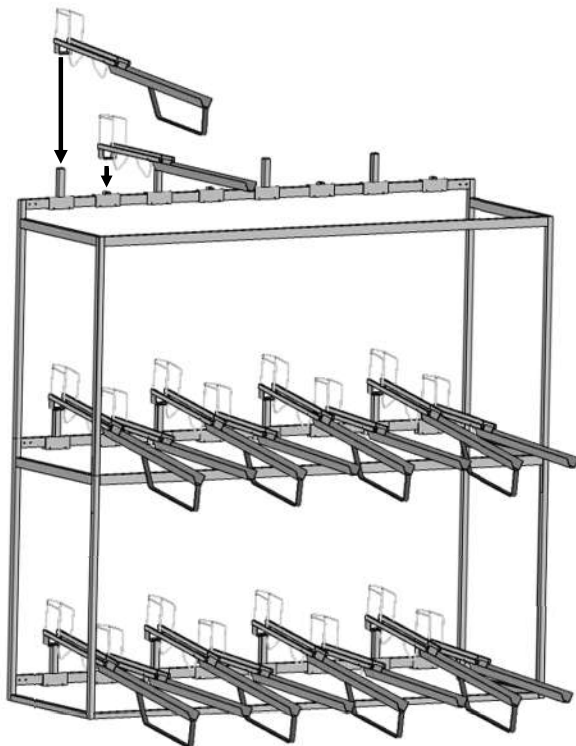
Step 10:

Locate the assembled High and Low Trays.

Beginning on the bottom tier: Attach each Tray Assembly to its matching Slide: Low Trays to Low Slides and High Trays to High Slides.

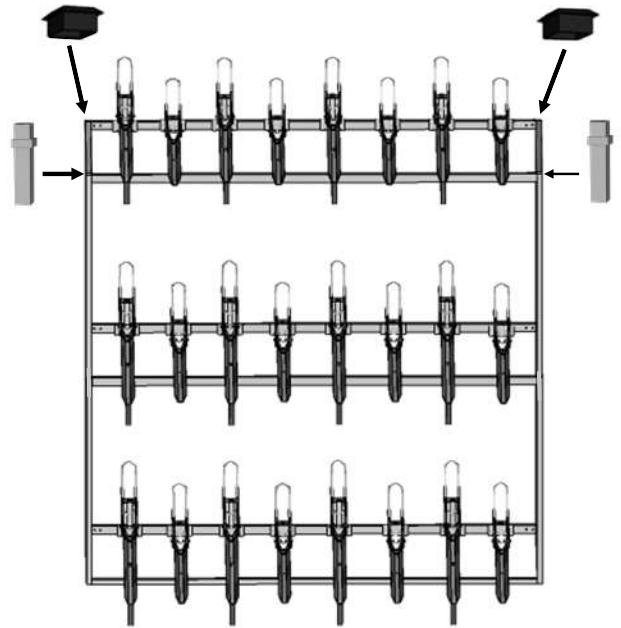
Secure each Low Tray to its corresponding Low Slide by inserting a $\frac{5}{16}" \times \frac{1}{2}"$ Bolt with a $\frac{5}{16}"$ Washer through the rear hole of the tray assembly and into the top of the Slide.

Secure each High Tray to its corresponding High Slide by inserting a $\frac{5}{16}" \times \frac{3}{4}"$ Bolt with a $\frac{5}{16}"$ Washer through the rear hold of the tray assembly and into the top of the Slide.



Step 11:

Locate the (2) Safety Stops and 1-1/4" Black Plugs. Insert the plugs into the 3rd tier back corners and the Safety Stops into the front corners.



YOUR RACK IS NOW COMPLETE!

Before loading bikes: If your bike has a rear derailleur it is recommended that the rear derailleur is set to the lowest gear (the largest rear chain ring) to prevent chain or derailleur damage

