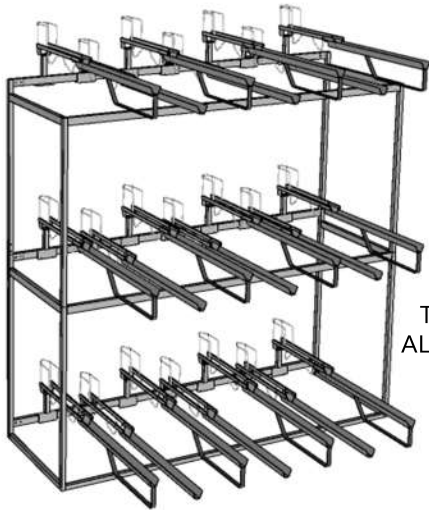




Designed & Made  
in the  
USA

## 3-TIER SLOPED DOUBLE DECKER



TRAYS  
ALL TIERS



EMPTY  
BOTTOM TIER

LOCATE ALL PARTS AND HARDWARE BEFORE BEGINNING RACK ASSEMBLY

## HARDWARE



1/4" x 3/4" Bolt



1/4" x 1-3/4" Bolt



1- 1/4" Plug



1" Plug



1/2 x 1" Plug



5/16" x 1/2" Bolt



5/16" x 3/4" Bolt



1/4" Stopnut



1/4" Washer



5/16" Washer

### TOOLS NEEDED:

**\*socket wrench  
with 7/16" and  
1/2" sockets**

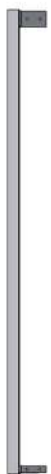
**\*7/16" wrench**

**\*1/2" wrench**

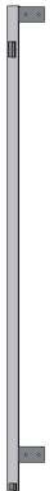
**\*tape measure**

## PARTS

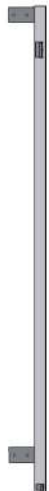
52" Front  
Corner Post



56" Left Rear  
Corner Post



56" Right Rear  
Corner Post



3rd Tier  
Front  
Corner Post



3rd Tier  
Rear Left  
Corner Post



3rd Tier  
Rear Right  
Corner Post



High Slide



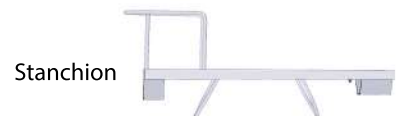
Low Slide



[\* Trays on All  
Tiers Only]  
Condo  
Foot



Safety  
Stop



Stanchion



Low Tray



High Tray



Bottom Crossbar (square)



Bottom Front Rail (square)

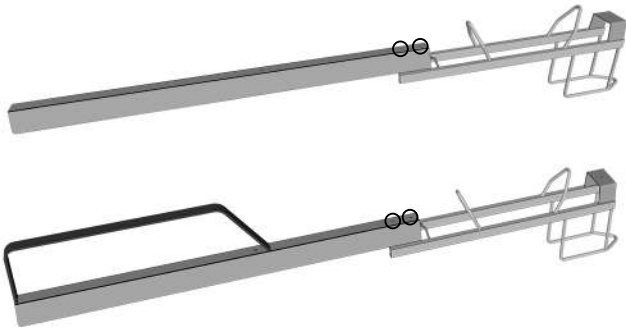


Top Crossbar (rectangular)

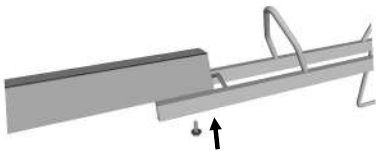


Top Rails & Rear Bottom Rail  
(rectangular)

## TRAY ASSEMBLY (HIGH and LOW TRAYS)



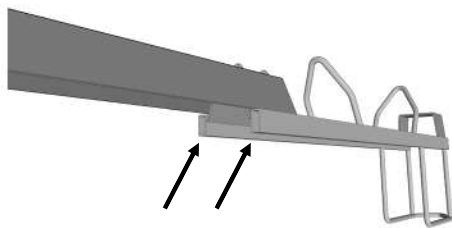
Locate the Stanchions and Trays. Flip a Stanchion and Tray upside down. Align the 2 holes in the Stanchion with the 2 holes in the Tray. The Tray should be on the outside of the Stanchion, as shown.



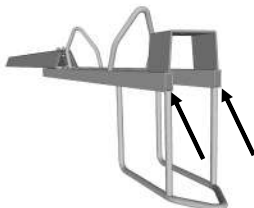
Place a 1/4" washer over a 1/4" x 3/4" Bolt. Insert the assembly through one of the holes. Finger tighten with a 1/4" Washer and 1/4" Stopnut.



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.

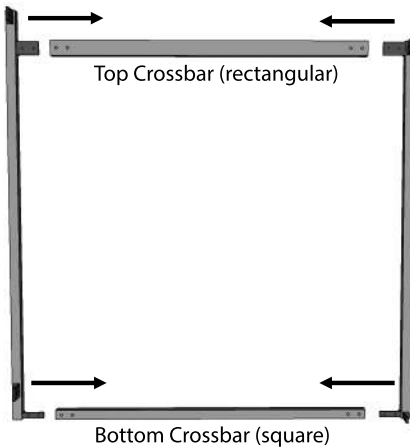


Insert (2) 1/2" x 1" Plugs into the back of the Stanchion, as shown.

Your tray is now complete!

For ease of assembly, finger-tighten all bolts until Step 8 is complete. This will allow for easier adjustments and alignment throughout the process. All frame bolts are fully secured in Step 9.

### Step 1:



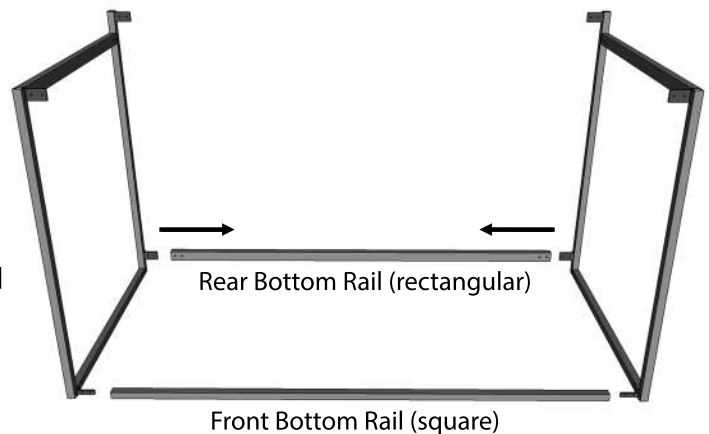
Create the two End Assemblies by connecting one 52" Corner Post and one 56" Corner Post using a 43" Top Crossbar and a 43" Bottom Crossbar. Insert the ears on the Corner Posts into the Crossbars, as shown. One end assembly will use the Right Rear Corner Post to form a Right End Assembly and the other will use the Left Rear Corner Post to form a Left End Assembly.

The Rear Corner Post (taller post) should be positioned at the back, with its tallest "ear" facing inward. Hand-tighten all connections using 5/16" x 1/2" Bolts and 5/16" Washers. Repeat the process with the remaining Crossbars and Corner Posts to complete the second end assembly.

### Step 2:

Locate your two Bottom Rails (one square and one rectangular). While holding your End Assembly upright so the Rear Corner Posts are at the top, slide the ends of the Rails over the ears, as shown. Secure by hand tightening 5/16" x 1/2" Bolts and 5/16" Washers.

Repeat this step to attach the other End Assembly.

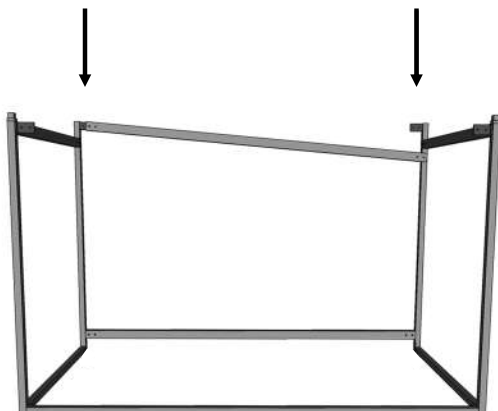


### Step 3:

Locate a Top Rail. Position one end of the rail over the ear on a Rear Corner Post, then align and slide the opposite end over the corresponding ear on the other Rear Corner Post.

*NOTE: It may take a little force to get onto both ears.*

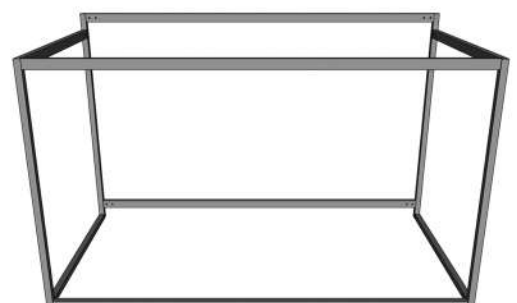
Secure by hand tightening 5/16" x 1/2" Bolts and 5/16" Washers.



### Step 4:

Repeat Step 3 in the front with a Top Rail. *Once again, this may require a little force.*

All bolts will be fully tightened in Step 9.

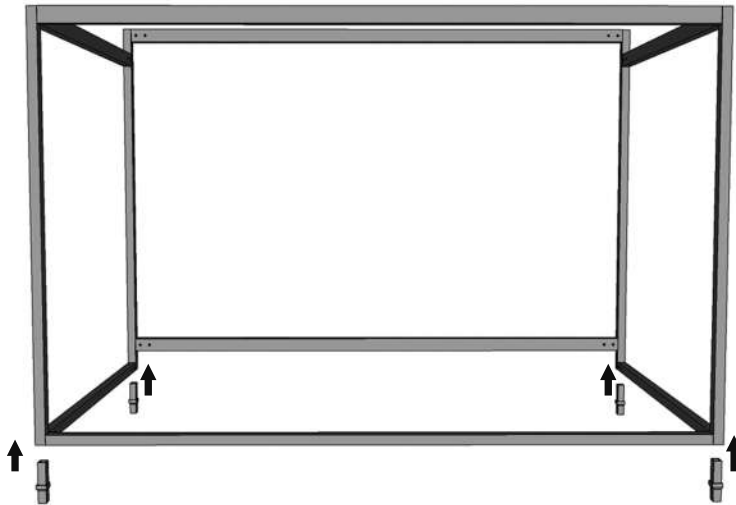
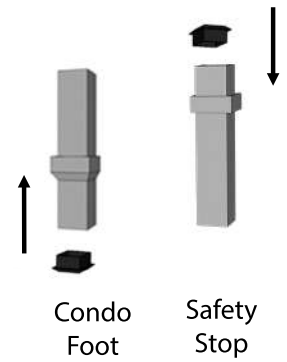


## Step 5:

CONDO FEET ARE ONLY USED WITH RACKS THAT HAVE TRAYS ON ALL TIERS; BOTH VERSIONS USE SAFETY STOPS:

Insert a 1" Black Plug into each of the Condo Feet and Safety Stops, as shown. Set the two Safety Stops aside for later use.

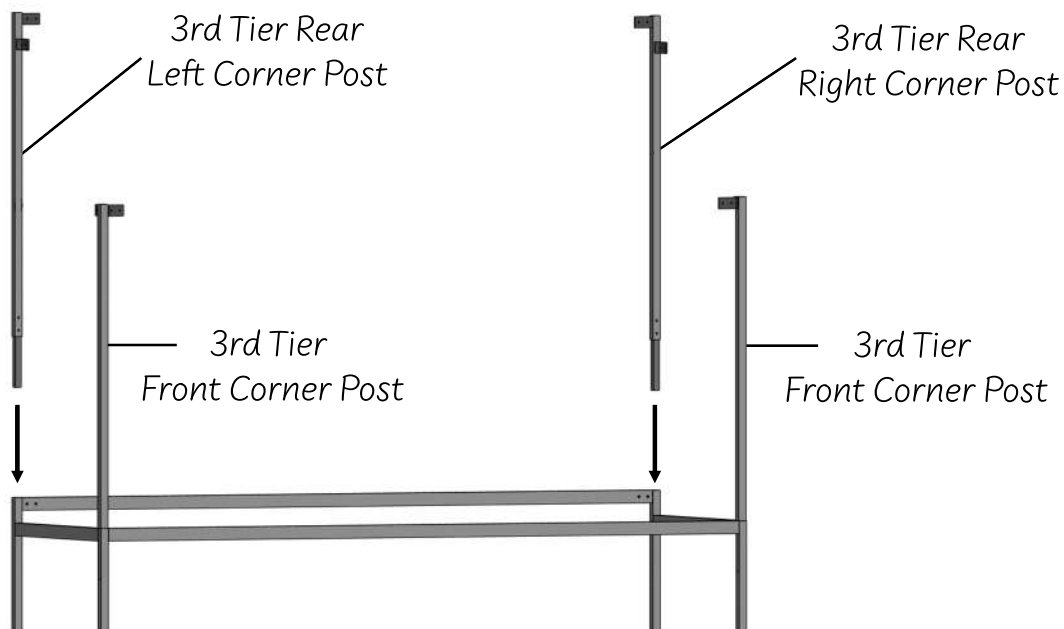
Take the four Condo Feet and, moving around your structure, lift each corner. Slide the long side of each foot into the bottom of each Corner Post, with the Plug facing the floor.



Condo feet required  
for Trays on All Tiers  
format only

## Step 6:

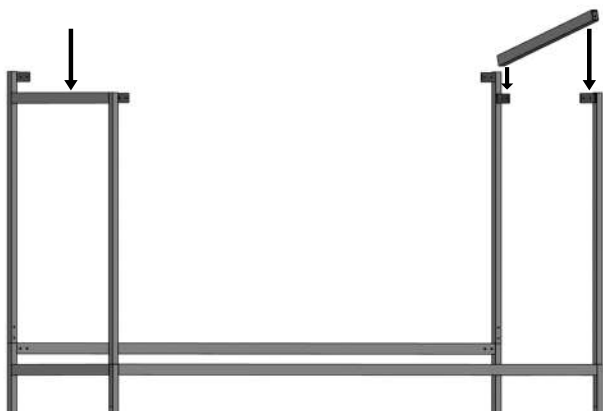
Insert the 3rd Tier specific Corner Posts into the tops of the lower Corner Posts.



### 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.

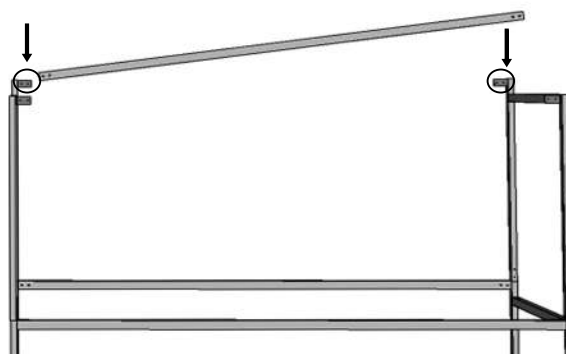
Secure the Crossbars to the Posts with 5/16" x 1/2" Bolts and 5/16" Washers by finger-tightening in place.



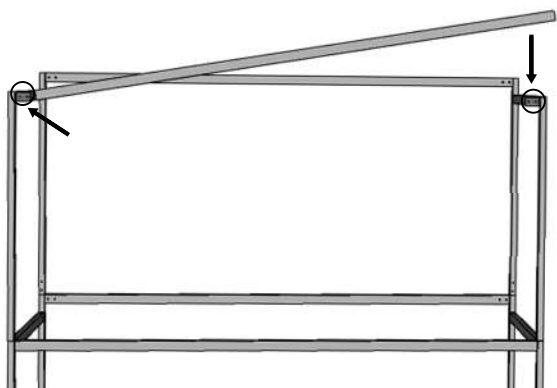
### Step 8:

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.



### Step 9:

Go back through completed frame and tighten all Bolts

## Step 10:

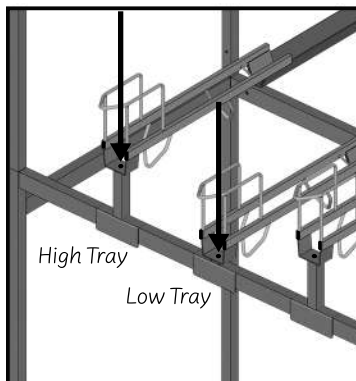
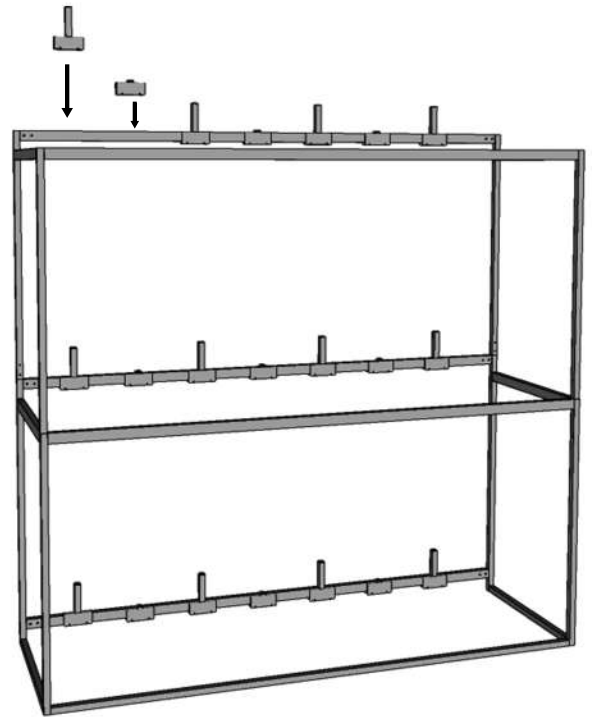
Locate the High and Low Slides. Starting at one end of the rear rail, install the slides in an alternating High-Low pattern as shown. Insert a 1/4" x 1-3/4" Bolt through each Slide hole and fasten with a 1/4" Stop Nut from the back.

Racks with Trays on all three tiers: Repeat this process on the Bottom Rear Rail and on each Upper Rear Rail.

Racks with Trays on the top two tiers only: Install the slides on the Upper Rear Rails only, 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.



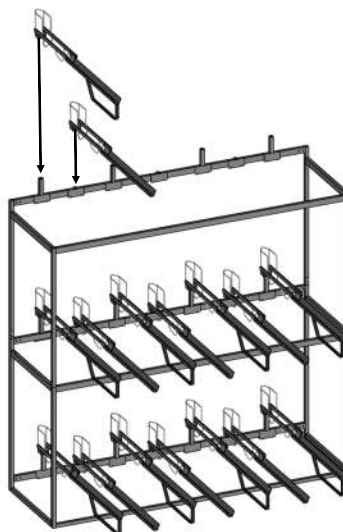
## Step 11:

Begin on your lowest tier with trays: Locate the assembled High and Low Trays. Attach each Tray Assembly to its matching Slide: Low Trays to Low Slides and High Trays to High Slides.

Insert a Bolt through the back hole of the Tray Assembly and into the hole on top of the Slide:

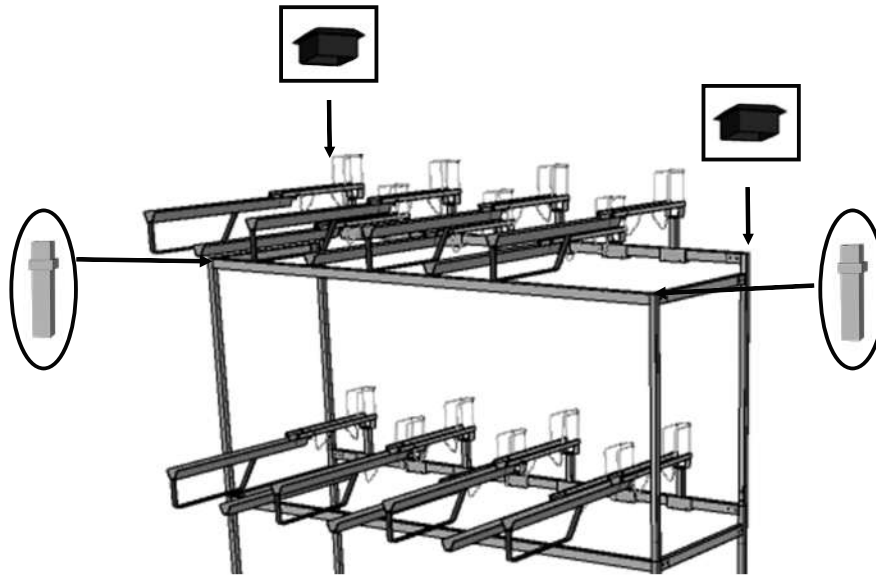
Secure Low Trays using 5/16" x 1/2" Bolts with 5/16" Washers.

Secure High Trays with 5/16" x 3/4" Bolts with 5/16" Washers.

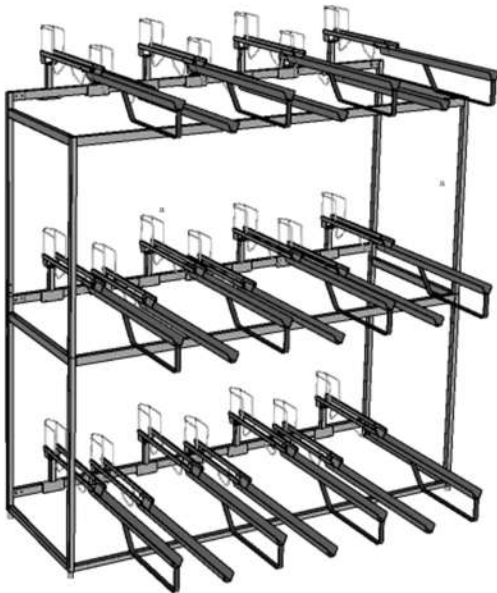


## Step 12:

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:

To help prevent damage to the chain or derailleur, it is recommended to position the rear derailleur on the middle cog and the front derailleur on the largest chainring.