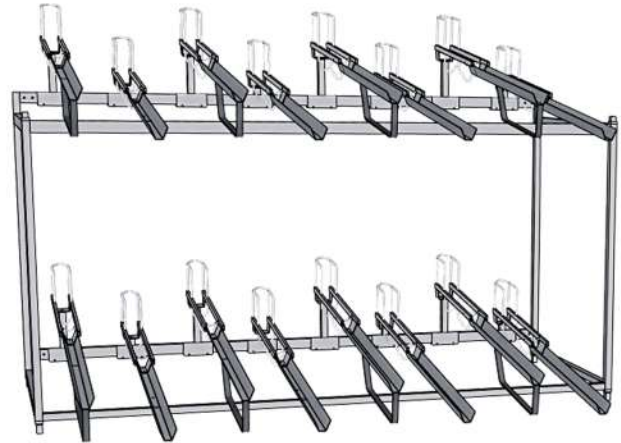




Designed & Made
in the
USA

SLOPED DOUBLE DECKER Trays on Both Tiers



LOCATE ALL PARTS AND HARDWARE BEFORE BEGINNING RACK ASSEMBLY

PARTS

52" Front
Corner Post



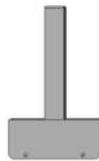
56" Right
Rear Corner



56" Left
Rear Corner



High Slide



Low Slide



Condo Foot



Safety Stop



Stanchion



Low Tray



High Tray



Bottom Crossbar (square)



Top Crossbar (rectangular)



Bottom Front Rail A (square)



Bottom Front Extender Rail (square)

Front Bottom
Split Rail (square)



Top and Rear Bottom Rail A (rectangular)



Top and Rear Bottom Extender Rail (rectangular)

Top Rails & Rear Bottom
Split Rail (rectangular)

HARDWARE



5/16" x 1/2" Bolt



5/16" x 1" Bolt



1/4" x 3/4" Bolt



1/4" Washer



1/4" Stopnut



1- 1/4" Plug



5/16" x 3/4" Bolt



Thread Rolling
Bolt



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



5/16" Washer



1" Plug



1/2 x 1" Plug

TOOLS NEEDED:

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

***7/16" wrench**

***1/2" wrench**

***tape measure**

Sloped Double Decker Rail Assembly

Your Sloped Double Decker includes the following rails: (2) 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



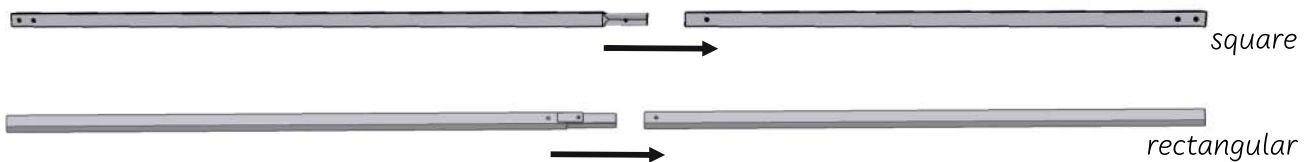
Bottom Front Extender Rail (square)



Top and Rear Bottom Extender Rail (rectangular)

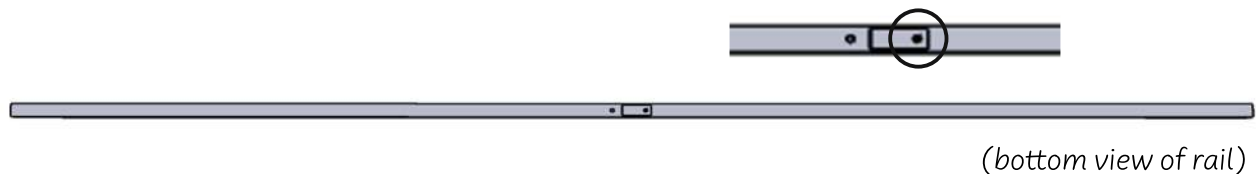
Step 2 – Assemble Each Rail

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.



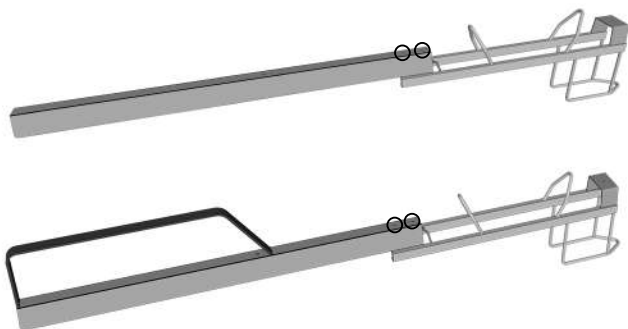
Step 4 – Secure Square Rail

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

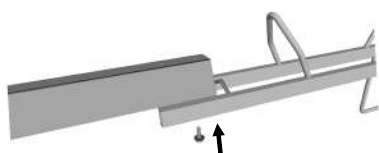


Apply steady downward pressure while turning, as the bolt will widen the hole. (Use a rubber mallet to align holes if needed.)

TRAY ASSEMBLY (HIGH and LOW TRAYS)



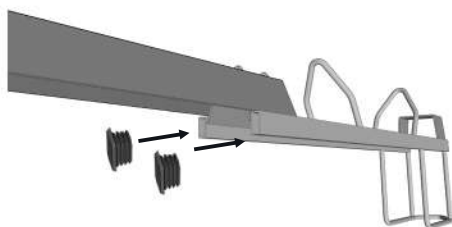
Locate the Stanchions and Trays. Flip a Stanchion and Tray upside down. Align the 2 holes in the Stanchion with the 2 holes in the Tray. The Tray should be on the outside of the Stanchion, as shown.



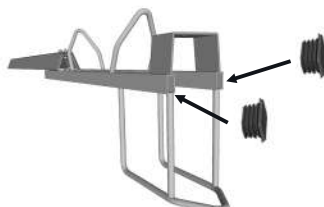
Place a 1/4" Washer over a 1/4" x 3/4" Bolt. Insert the assembly through the bottom of one of the holes. Secure with a 1/4" Washer and 1/4" Stopnut.



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



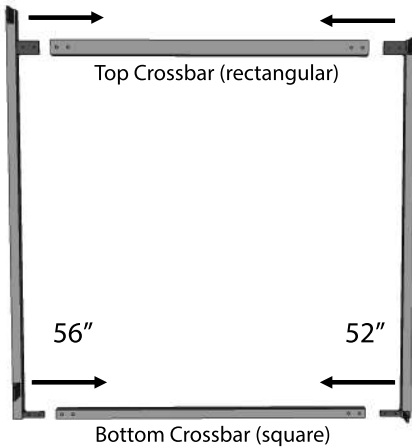
Insert (2) 1/2" x 1" Plugs into the open holes in the front of the Stanchion, as shown.



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 frame assembly.



Step 1:

Create an end assembly 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.

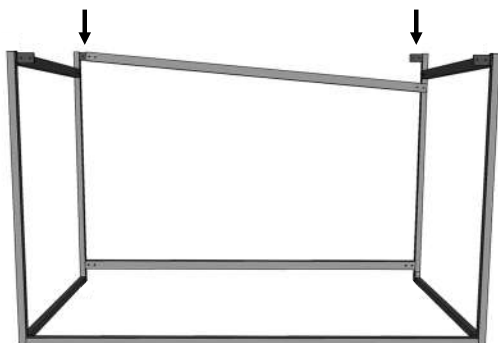
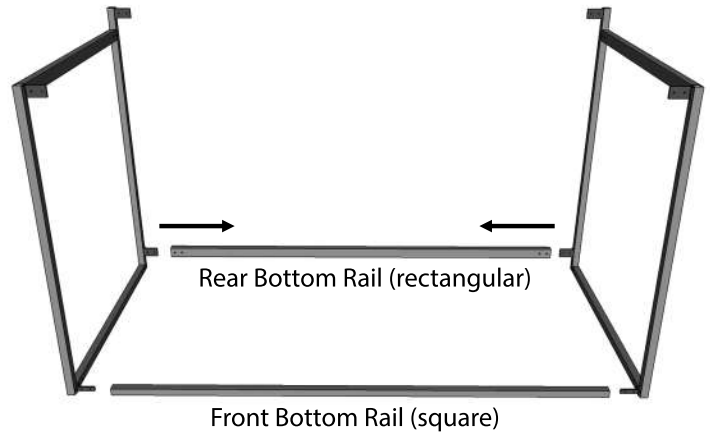
The Rear Corner Post (taller post) should be positioned at the back, with its tallest "ear" facing inward. Hand-tighten all connections using 5/16" x 1/2" Bolts and 5/16" Washers. Repeat the process with the remaining Crossbars and Corner Posts to complete the second end assembly.

Step 2:

Locate 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 Top Rail. Slide one end over one of the ears on a Corner Post. Then place the other end of the Rail over the corresponding ear at the other side of the rack, as shown.

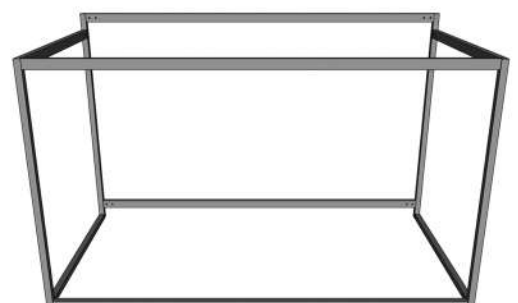
NOTE: It may take a little force to get onto both ears.

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

Step 4:

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

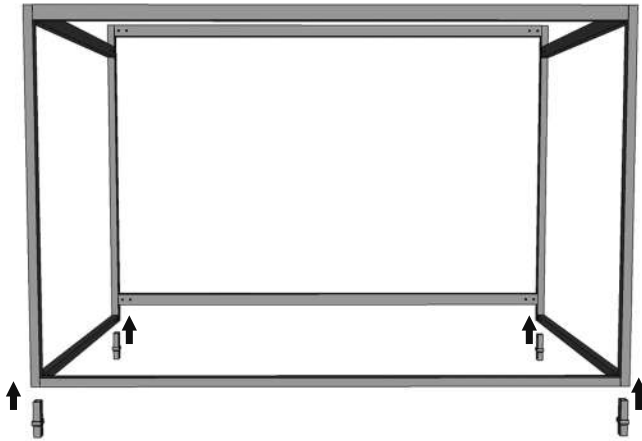
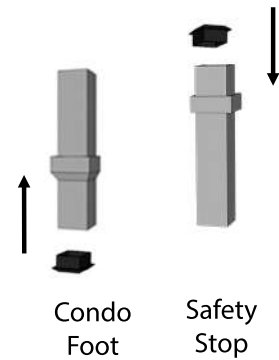
Go back through the entire frame and tighten all bolts.



Step 5:

Insert a 1" Black Plug into 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, following the illustration.



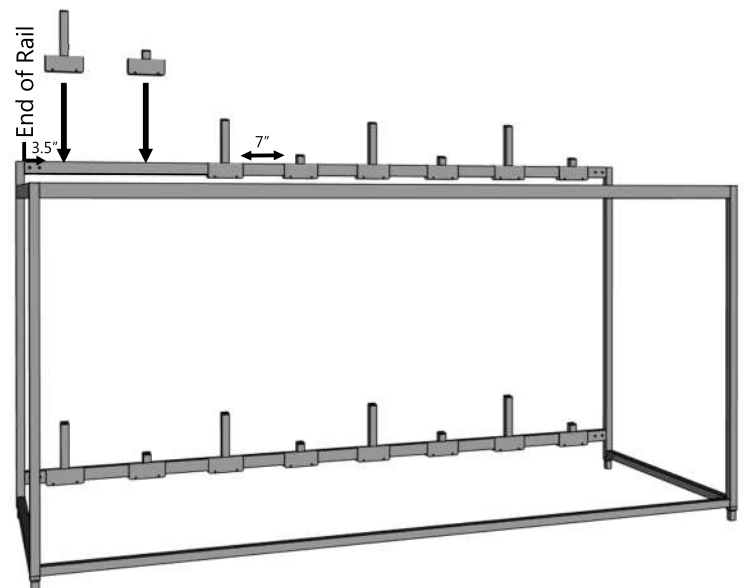
Step 6:

Locate the High and Low Slides and position them along the Bottom Rear Rail. Begin at one end, alternating High and Low as illustrated. Secure each slide with 1/4" x 1-3/4" Bolts and 1/4" Stopnuts.

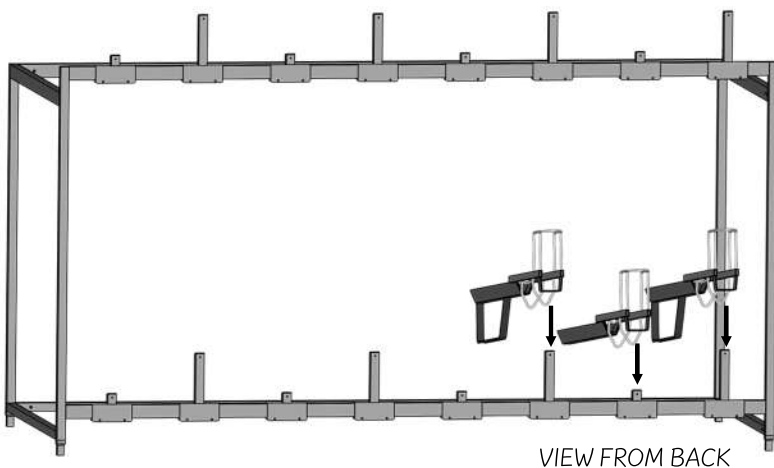
Next, place the High and Low Slides on the Top Rear Rail, aligning them to match the bottom, securing with 1/4" x 1-3/4" Bolts and 1/4" Stopnuts..

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 7:



Select one of the pre-assembled trays—use High Trays with High Slides and Low Trays with Low Slides, as shown. Align the rear hole of the tray with the corresponding hole on the slide.

For Low Trays, secure with a 5/16" x 1/2" bolt and a 5/16" washer.

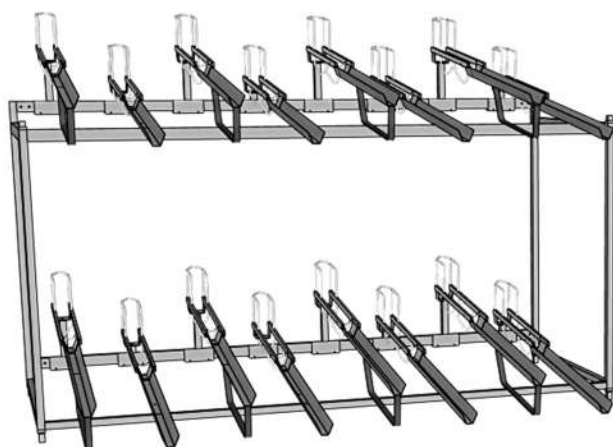
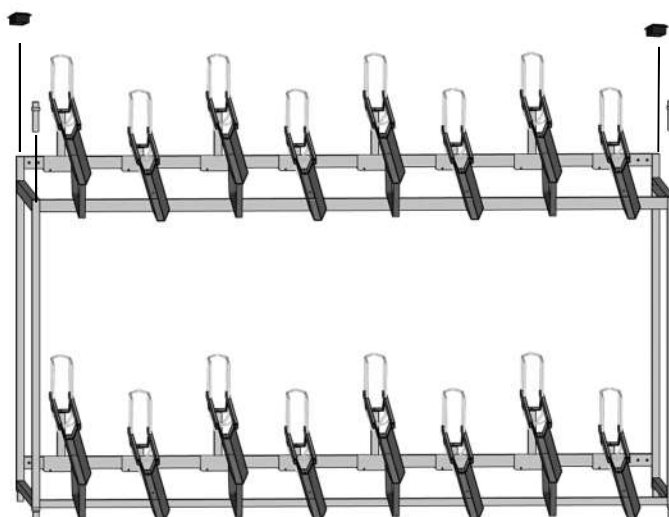
For High Trays, secure with a 5/16" x 3/4" bolt and a 5/16" washer.

Continue this process, alternating between High and Low Trays as you go.

Step 8:

Repeat Step 7 by attaching Trays to the Top Rail.

Finish the rack by inserting the 1-1/4" Black Plugs into the top of the Rear Corner Posts and placing two Safety Stops into the front Corner Posts to prevent the trays from pivoting off each end.



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.