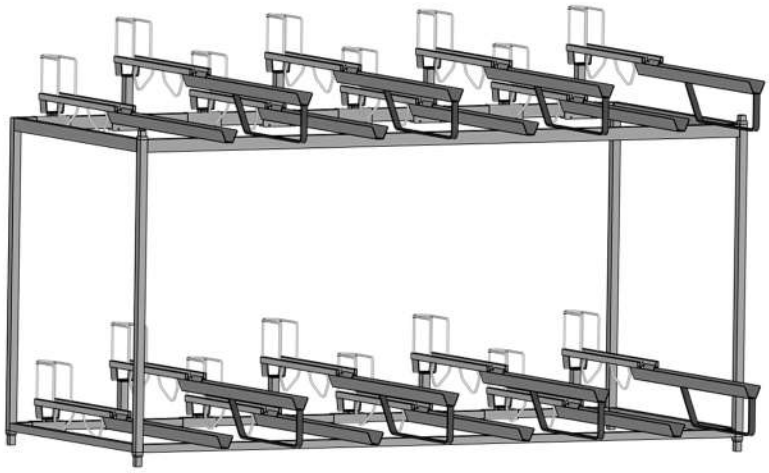
Designed & Made
in the
USA

WALL DOUBLE DECKER
with Trays on Both 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

TOOLS NEEDED:

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

***7/16" wrench**

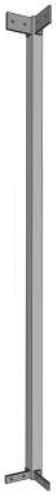
***1/2" wrench**

***tape measure**

LOCATE ALL PARTS AND HARDWARE BEFORE BEGINNING RACK ASSEMBLY

PARTS

54" Corner Post



Stanchion

Low Tray

High Tray

Top
High Slide

Top
Low Slide

Safety
Stop

Bottom
High Slide

Bottom
Low Slide

Bottom Crossbar (square)

Top Crossbar (rectangular)

Bottom Front Rail A (square)

Bottom Front Extender Rail (square)

Bottom
Split Rail (square)

Top and Rear Bottom Rail A (rectangular)

Top and Rear Bottom Extender Rail (rectangular)

Top
Split Rail (rectangular)

Wall Double Decker Rail Assembly

Your Wall Double Decker includes the following rails: (2) Top Rails – Rectangular, and (2) Bottom Rails – Square

Step 1 – Identify Rail Components

Each rail is shipped in two pieces:

Rail A – with end that inserts into the extender

Bottom Rail A (square)

Top Rail A (rectangular)

Rail Extender

Bottom Extender Rail (square)

Top Extender Rail (rectangular)

Step 2 – Assemble Each Rail

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

bottom

top

Step 3 – Secure Top Rails

For the two Top Rails, secure using: a 5/16" × 1" Bolt and 5/16" Washer.

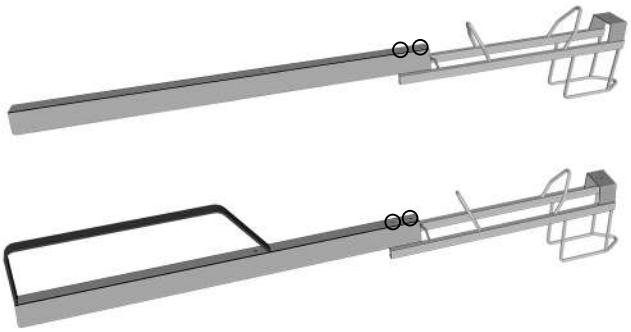
(bottom view of rail)

Step 4 – Secure Bottom Rails

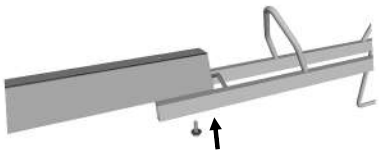
For the two Bottom Rails, secure using a Thread Rolling Bolt.

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)

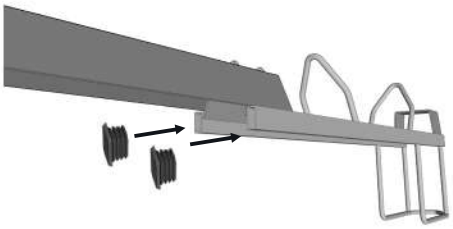


Locate the Stanchions and Trays. Flip a Stanchion and Tray upside down. Align the 2 holes in the Stanchion with the 2 holes in the Tray. The Tray should be on the outside of the Stanchion, as shown.

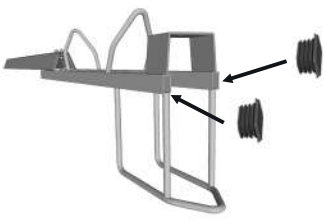


Place a 1/4" Washer over a 1/4" x 3/4" Bolt. Insert the assembly through the bottom of one of the holes. Secure with a 1/4" Washer and 1/4" Stopnut.

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



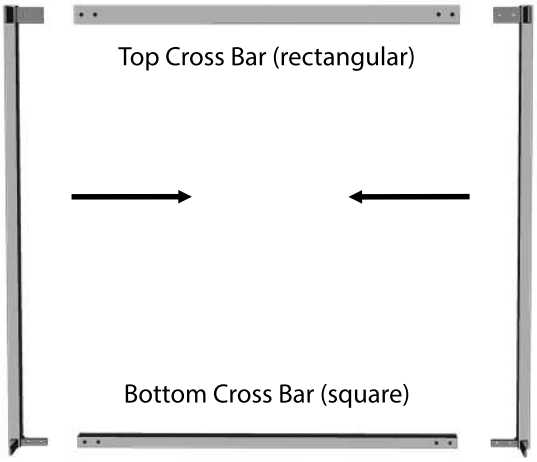
Insert (2) 1/2" x 1" Plugs into the open holes in the front of the Stanchion, as shown.



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 the End Assemblies.: Locate (2) Corner Posts, (1) Bottom Crossbar, and (1) Top Crossbar.

Create an End Assembly by laying parts on a flat surface, inserting the ears on the Corner Posts into the Crossbars as shown. Secure by hand tightening 5/16" x 1/2" Bolts and 5/16" Washers.

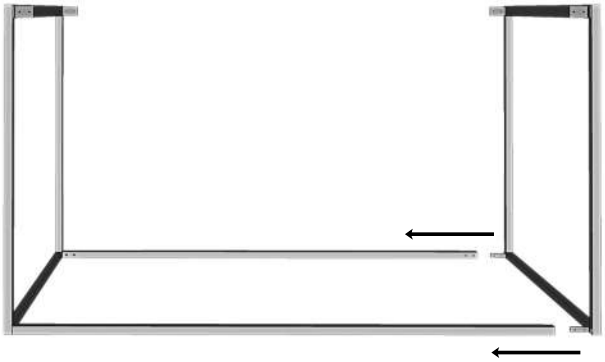
Repeat once more with the remaining Corner Posts and Crossbars to create another End Assembly.

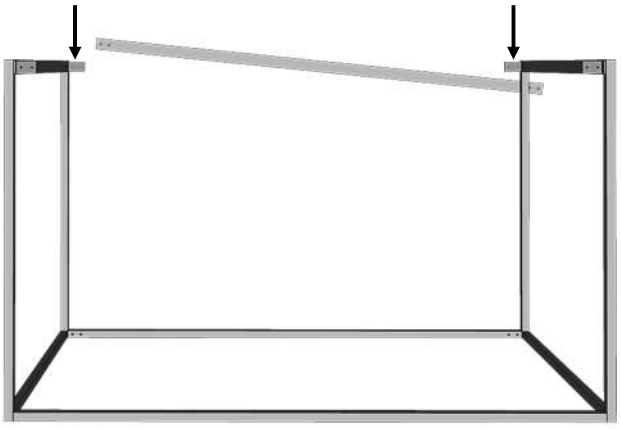
Step 2:

Locate the (2) Bottom Rails [square]. While holding one End Assembly upright with the small ears on the bottom, 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 on the opposite side with the remaining End Assembly.





Step 3:

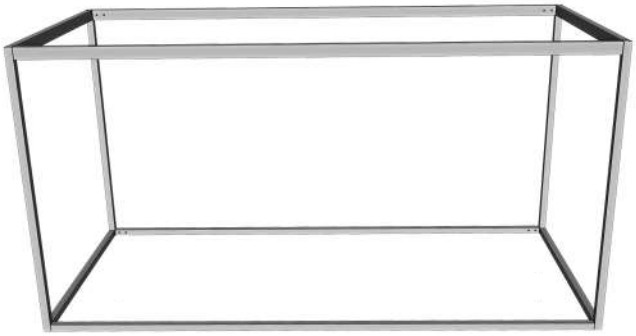
Locate a Top Rail. Slide one end over one of the ears on a Corner Post. Then place the other end of the Rail over the corresponding ear at the other side of the rack, as shown. NOTE: It may take a little force to get onto both ears.

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.

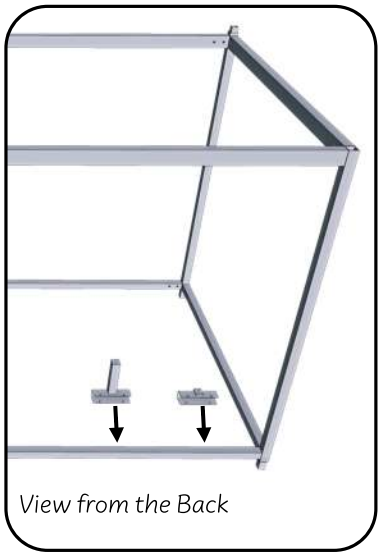
Go back through the entire frame and tighten all bolts.



Step 5:

Locate the Safety Stops. Insert 1" Black Plugs into the top of the Safety Stops. Lift each corner of the structure and slide the long side of a Safety Stop into the bottom of the Corner Posts, as shown.

Next, insert Safety Stops into the top front vertical tubes of the Corner Posts.



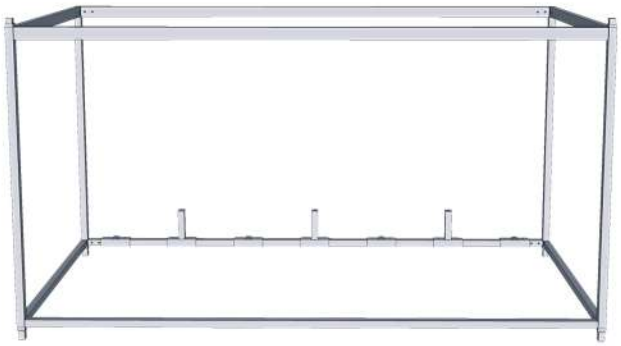
View from the Back

Step 6:

Locate the Bottom Slides.

Starting at the front of the rear Bottom Rail, slide each piece on by guiding the open side of the slide onto the rail so the C-channel wraps around the rail. Position the slides in an alternating low/high pattern at the rear of the rack, as shown.

Once satisfied with the spacing, secure using 1/4" x 1-3/4" Bolts and 1/4" Stop Nuts.



Front View

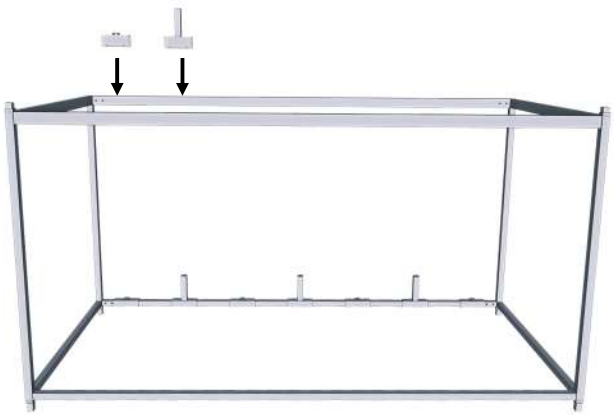
Slide Placement Tip:

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:

Locate the Top High and Low Slides. Starting from the end of the rack, alternate high and low to match the bottom tier Slide placement.

Secure using 1/4" x 1-3/4" Bolts and 1.4" Stop Nuts.



Step 8:

Locate the pre-assembled trays. Attach the Low and High Tray Assemblies to the bottom tier.

Low Trays attach to Low Slides with 5/16" x 1/2" Bolts and 5/16" Washers.

High Trays attach to High Slides with 5/16" x 3/4" Bolts and 5/16" Washers.

View from the Back

Step 9:

Repeat Step 8 by attaching the Low and High Trays to the top tier Slides.

Step 10:

Finish the rack by placing 1-1/4" Plugs into the tops of the rear Connector Posts.

YOUR RACK IS NOW COMPLETE!

Before Loading Bikes:

To prevent chain or derailleur damage, we recommend setting the rear derailleur to the middle cog and the front derailleur to the largest chain ring.