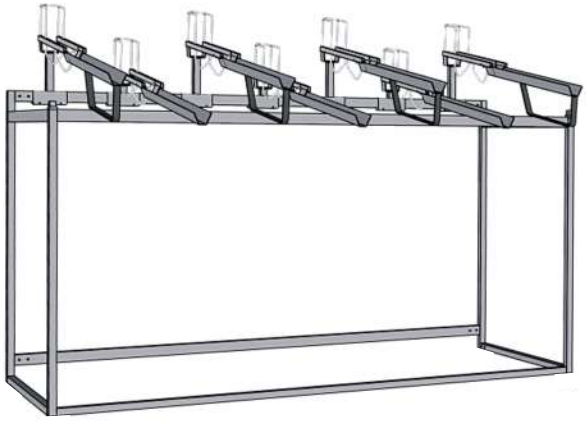
Designed & Made in the **USA**

SLOPED DOUBLE DECKER
Tray Top

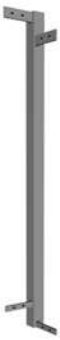


LOCATE ALL PARTS AND HARDWARE BEFORE BEGINNING RACK ASSEMBLY

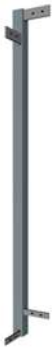
PARTS

52" Front Corner Post

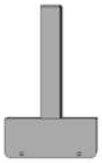
56" Right Rear Corner



56" Left Rear Corner



High Slide



Low Slide

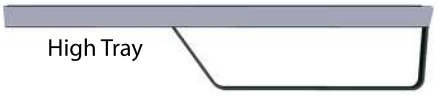
Condo Foot

Safety Stop

Low Tray

Stanchion

High Tray



Bottom Crossbar (square)

Top Crossbar (rectangular)

Front Bottom Split Rail (square)

Bottom Front Rail A (square)

Bottom Front Extender Rail (square)

Top Rails & Rear Bottom Split Rail (rectangular)

Top and Rear Bottom Rail A (rectangular)

Top and Rear Bottom Extender 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)

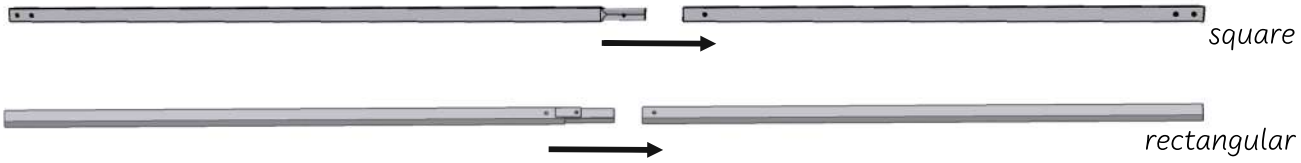
Rail Extender

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.



square

rectangular

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.

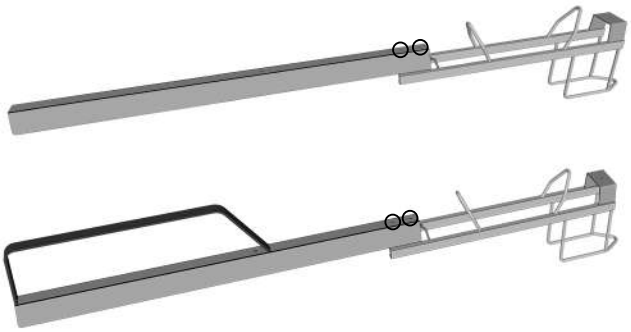
(bottom view of rail)

Step 4 – Secure Square Rail

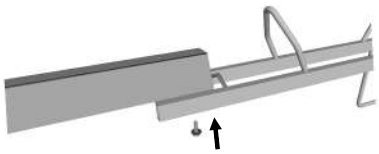
For the square Front Bottom Rail, secure using a Thread Rolling Bolt.

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)

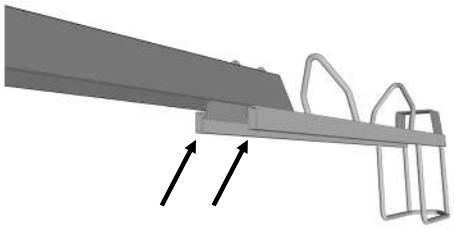


Locate the Stanchions and Trays. Flip a Stanchion and Tray upside down. Align the 2 holes in the Stanchion with the 2 holes in the Tray. The Tray should be on the outside of the Stanchion, as shown.

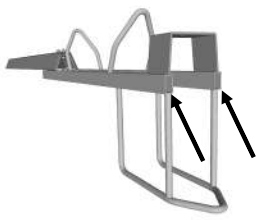


Place a 1/4" washer over a 1/4" x 3/4" Bolt. Insert the assembly through one of the holes. Finger tighten with a 1/4" Washer and 1/4" Stopnut.

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



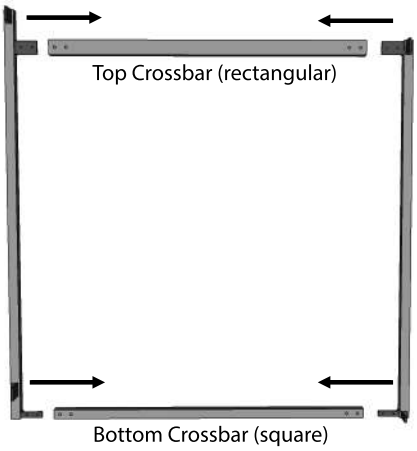
Insert (2) 1/2" x 1" Plugs into the open holes in the front of the Stanchion, as shown.



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 frame assembly.



Step 1:

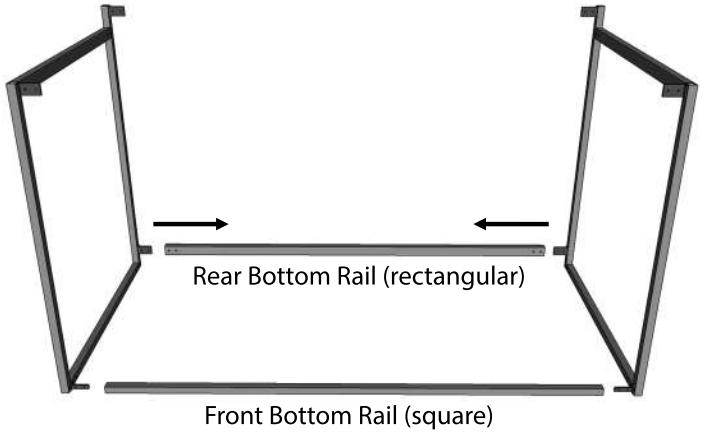
Create an end assembly by connecting one 52" Corner Post and one 56" Corner Post using a 43" Top Crossbar and a 43" Bottom Crossbar. Insert the ears on the Corner Posts into the Crossbars, as shown. One end assemby will use the Right Rear Corner Post to form a **Right End Assembly** and the other will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

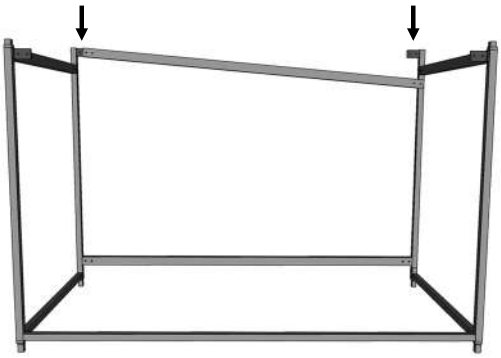
The Rear Corner Post (taller post) should be positioned at the back, with its tallest "ear" facing inward. Hand-tighten all connections using 5/16" x 1/2" Bolts and 5/16" Washers. Repeat the process with the remaining Crossbars and Corner Posts to complete the second end assembly.

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.

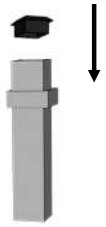
Secure by hand tightening 5/16" x 1/2" Bolts and 5/16" Washers.

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:



Safety
Stop

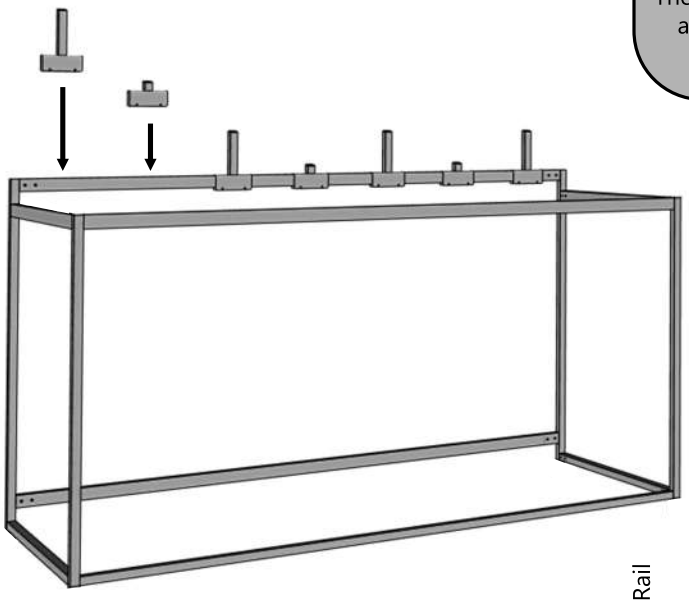
Insert a 1″ Black Plug into each of the Safety Stops as shown.
Set the two Safety Stops aside for later use.

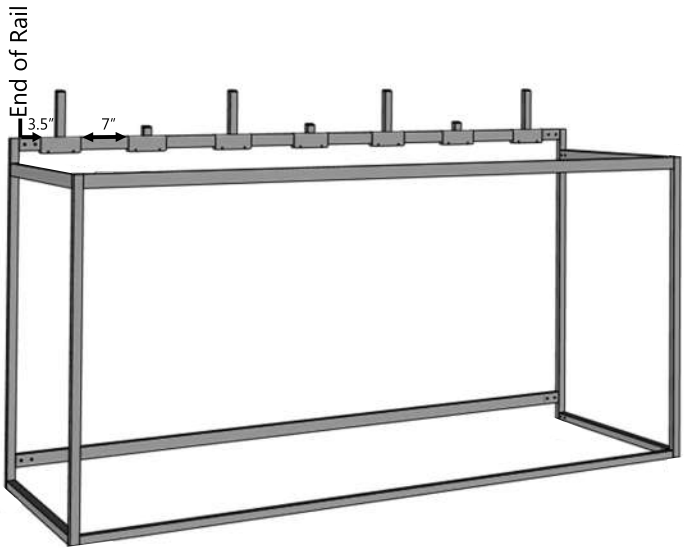
Step 6:

Find the High and Low Slides and position them along the Top Rear Rail. Begin at one end, alternating High and Low slides as illustrated. Secure each slide 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.

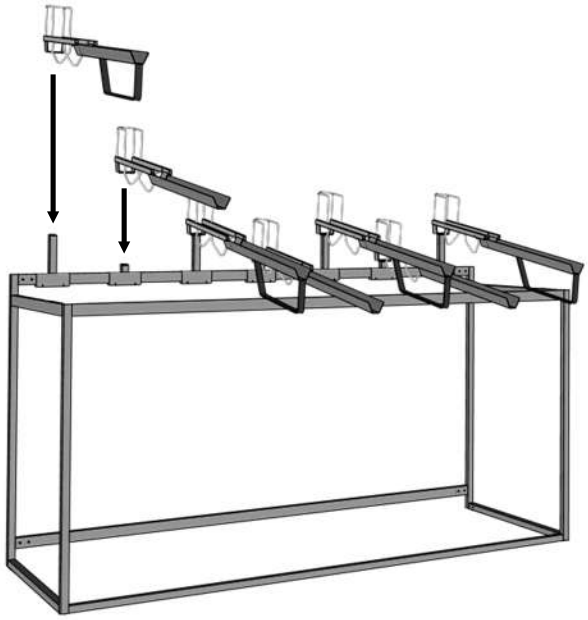


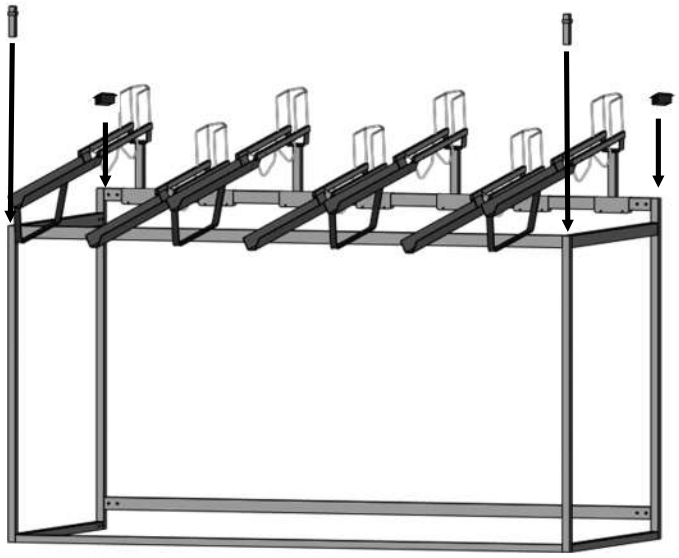


Step 7:

Attach each Tray Assembly to its matching Slide: Low Trays to Low Slides, and High Trays to High Slides. Insert the 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 and 5/16" Washers, and High Trays using 5/16" x 3/4" Bolts and 5/16" Washers.





Step 8:

Finish the rack by placing 1-1/4" Black Plugs into the open vertical tubes on the back of the rack and the Safety Stops into the open vertical tubes in the front of the rack.

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.