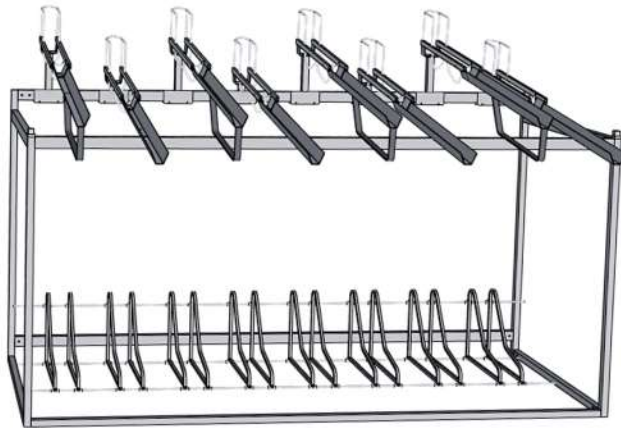




Designed & Made
in the
USA

SLOPED DOUBLE DECKER with Deluxe Space Savers



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 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

52" Front Corner Post
56" Right Rear Corner
56" Left Rear Corner

High Slide

Low Slide

Safety Stop

Stanchion

Deluxe Space Saver
Side Frame

Low Tray

High Tray

Deluxe Space Saver
Split Runner Connector

Deluxe Space Saver
Split Runner

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)

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



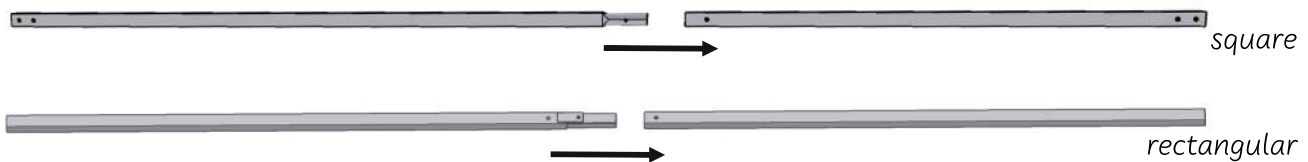
Bottom Front Extender Rail (square)



Top and Rear Bottom Extender Rail (rectangular)

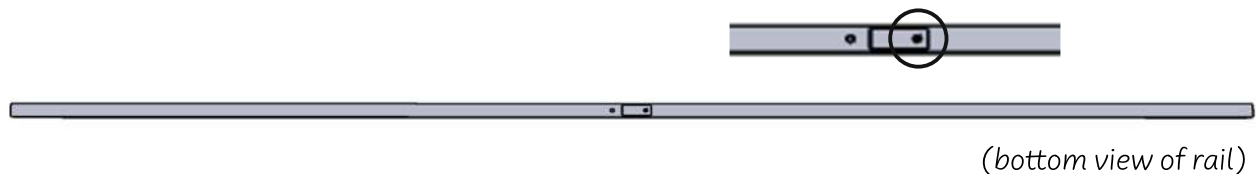
Step 2 – Assemble Each Rail

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.



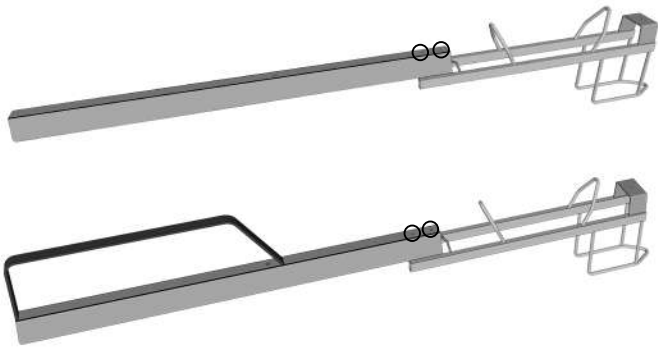
Step 4 – Secure Square Rail

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

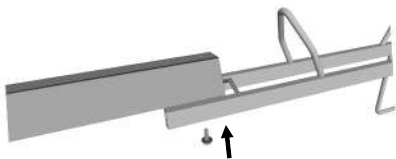


Apply steady downward pressure while turning, as the bolt will widen the hole. (Use a rubber mallet to align holes if needed.)

TRAY ASSEMBLY (HIGH and LOW TRAYS)



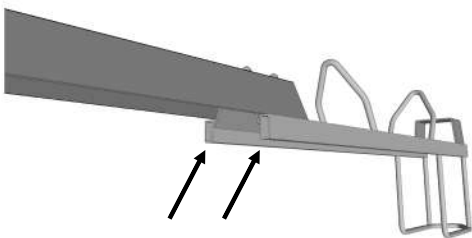
Locate the Stanchions and Trays. Flip a Stanchion and Tray upside down. Align the 2 holes in the Stanchion with the 2 holes in the Tray. The Tray should be on the outside of the Stanchion, as shown.



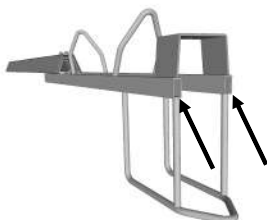
Place a 1/4" washer over a 1/4" x 3/4" Bolt. Insert the assembly through one of the holes. Finger tighten with a 1/4" Washer and 1/4" Stopnut.



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



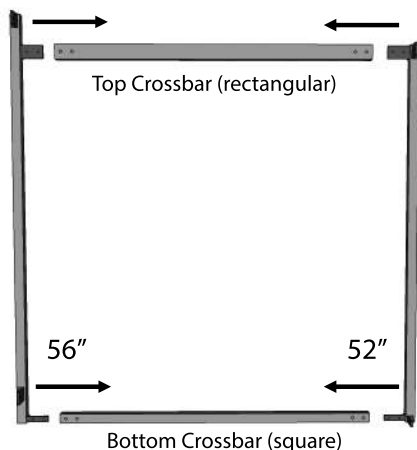
Insert (2) 1/2" x 1" Plugs into the open holes in the front of the Stanchion, as shown.



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:

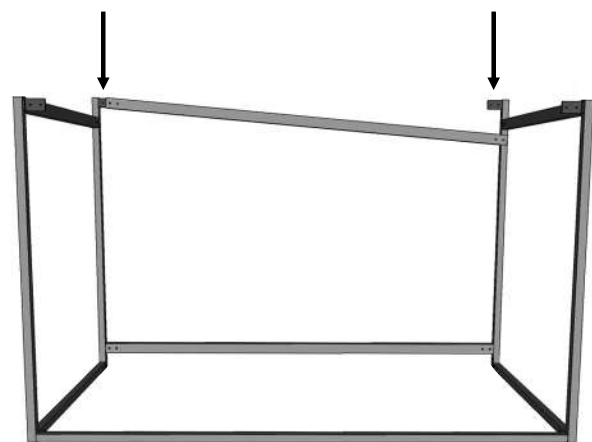
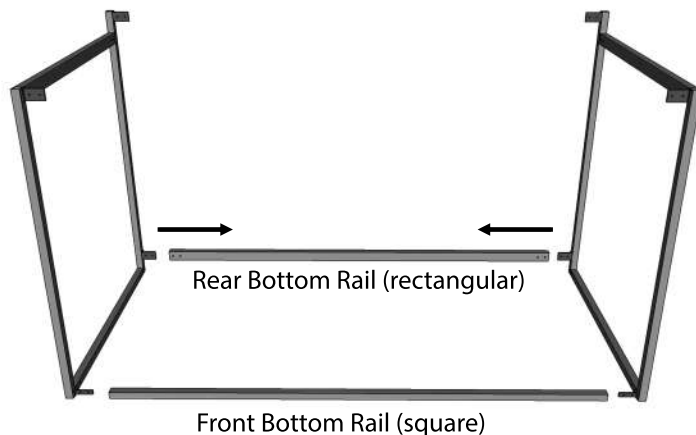
Connect one 52" Corner Post and one 56" Corner Post with one 43" Top Crossbar and one 43" Bottom Crossbar. Insert the ears on the Corner Posts into the Crossbars, as shown. The Right Rear Corner will be taller than the front and its tallest "ear" should be pointed inward. Secure using 5/16" x 1/2" Bolts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

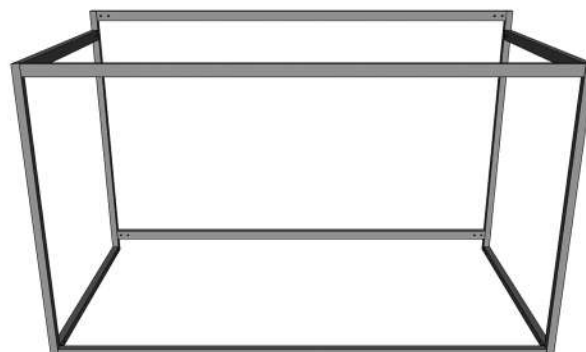


Step 3:

Locate a 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 using 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.

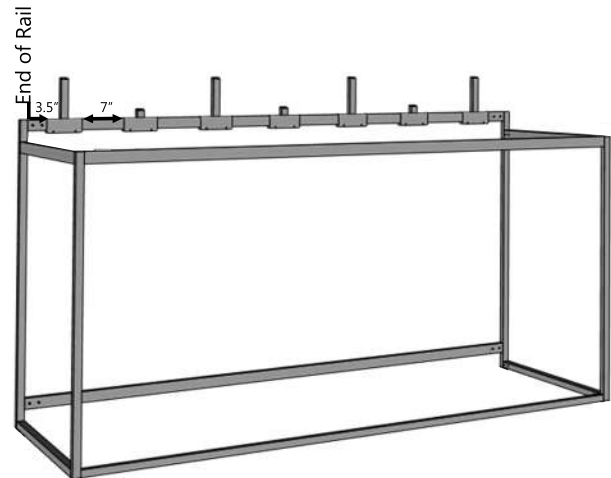


Step 5:

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.

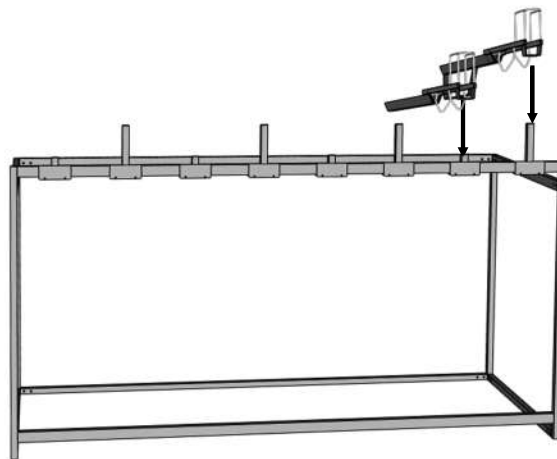
Slide Placement Tip:

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.



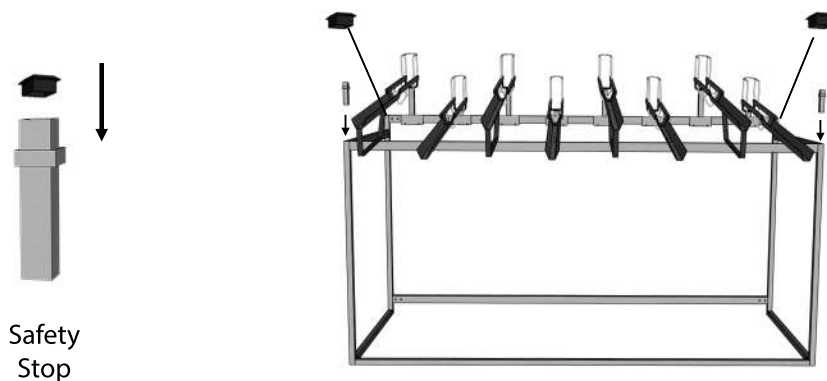
Step 6:

Select one of the pre-assembled Trays (use the High Trays with the High Slides, and so on, as shown.) Align the back hole of the Tray with the hole on the Slide. Secure it with a 5/16" x 1/2" Bolt and 5/16" Washer. Repeat this process, alternating between High and Low Trays.



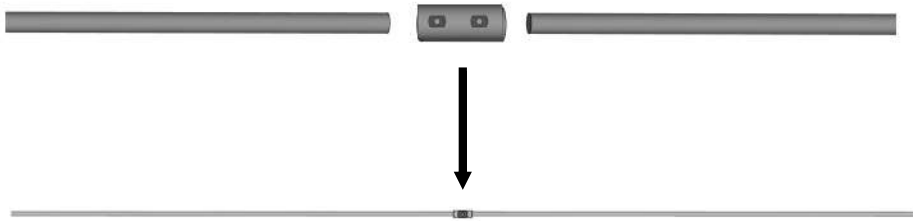
Step 7:

Locate the two Safety Stops. Push a 1" Black Plug into the top, as shown. Insert the long end of each Safety Stop into one of the Front Corner Posts. Next insert 1-1/4" Black Plugs into the tops of the Rear Connector Posts.

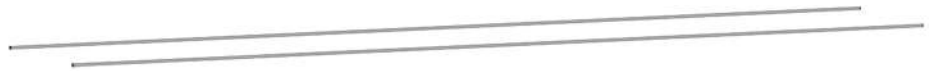


Step 8: Deluxe Space Saver Assembly

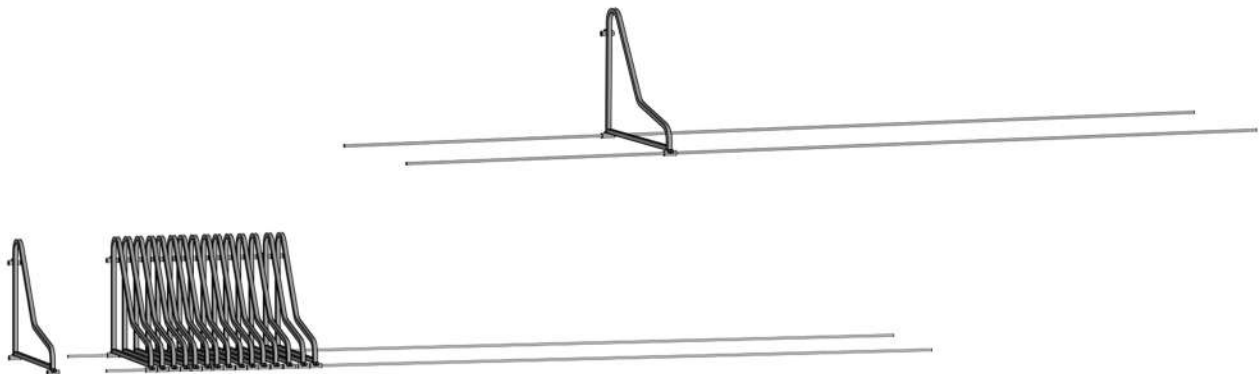
- A:** Begin by assembling the Runners. Each runner assembles from two split Runners and one Connector. Insert both split Runners into the Connector, aligning them so they meet at the center within the Connector and secure with Set Screws.



- B:** Locate (2) of the Deluxe Space Saver Runners. Lay them out on the floor with roughly 18" between them.



- C:** Next, take one of the Side Frames and slide the two bottom tubes through the Runners. Slide it down 16-20" from the end and secure to the Runners using 1/4" x 3/8" Set Screws.



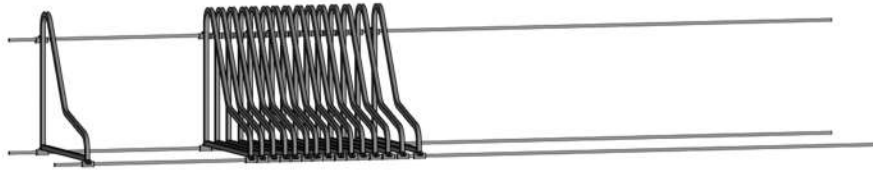
Slide the remaining Side Frames through the Runners, as shown.

- D:** Slide the final Runner through the top tubes of the Side Frames.



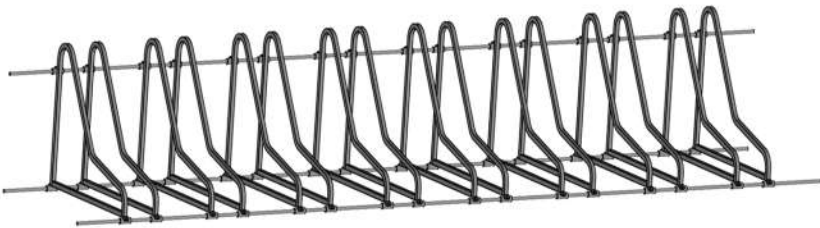
Back View

E: Loosen the previously secured Side Frame. Now set the end Side Frame with (3) 1/4" x 3/8" Set Screws.



F: Space out your Side Frames by rolling the rear wheel of a bike between two Side Frames.

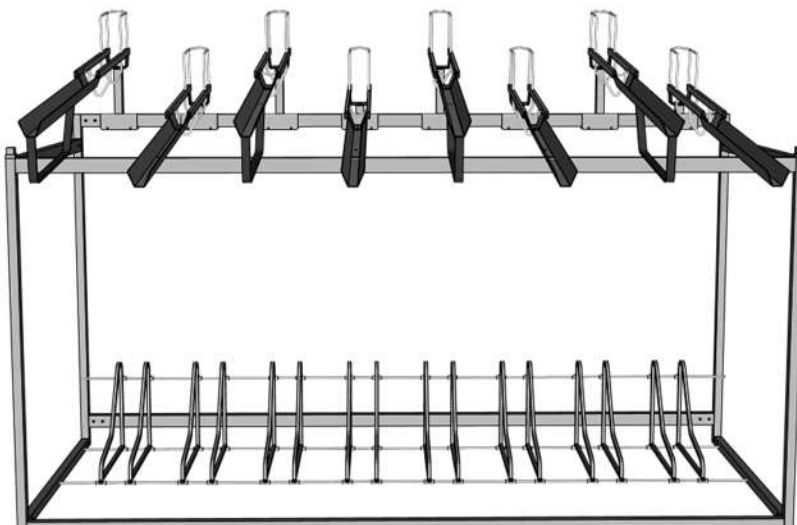
Secure all Side Frames with:
(3) 1/4" x 3/8" Set Screws.



YOUR DELUXE SPACE SAVER IS COMPLETE!

Step 9:

Place the finished Deluxe Space Saver under the Sloped Double Decker frame, as shown.



**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