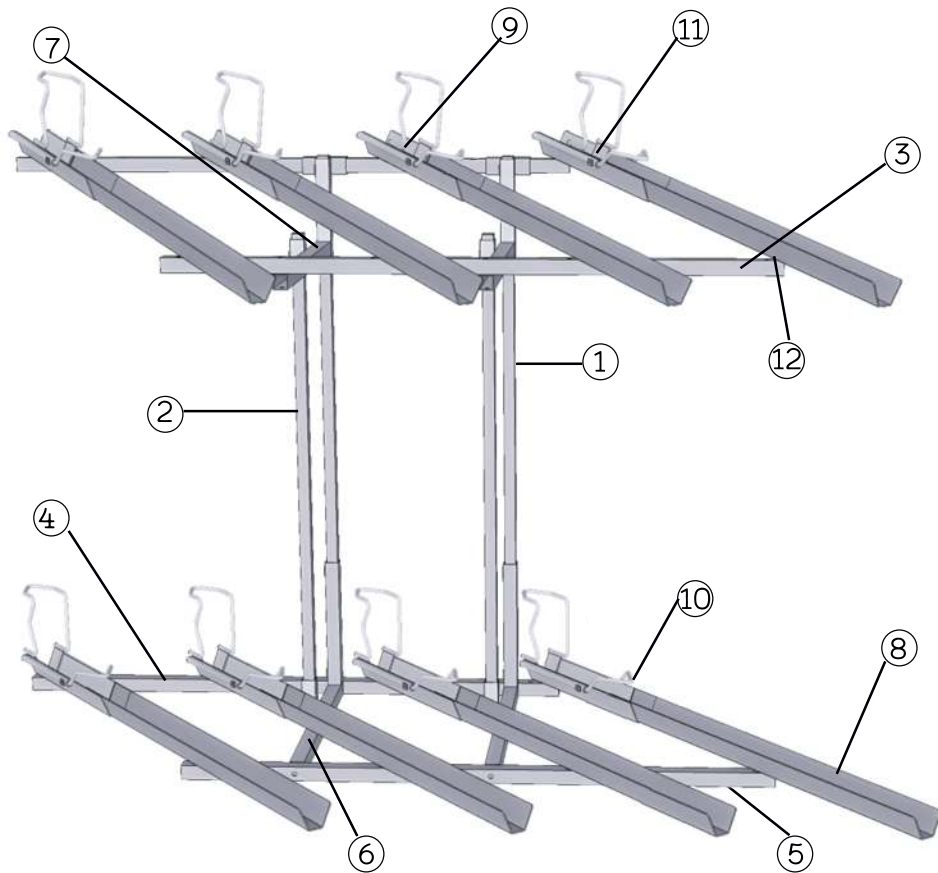


KIDS STRAIGHT FORWARD

8-Bike



The Kids Straight Forward Rack accommodates 12"-20" kids bikes.
Our recommendation is to use the standard Straight Forward Rack for 24" kids bikes.

1. 50" Vertical Post

2. 45.5" Vertical Post

3. Top Rail

4. Bottom Rear Rail

5. Bottom Front Rail

6. Floor Support End

7. Upper Main Arm End

8. Kids Tray

9. Kids Stanchion Base Tray

10. Kids Stanchion Catch

11. Kids Stanchion

12. Slide



BEFORE BEGINNING, DETERMINE IF YOU WOULD LIKE YOUR RACK TO ANGLE RIGHT OR LEFT.



Right Angled Kids Straight Forward



Left Angled Kids Straight Forward

HARDWARE

5/16" x 1/2" Bolts
 5/16" x 3/4" Bolts
 5/16" x 2" Bolts
 5/16" x 2-1/2" Bolts
 5/16" x 3" Bolts
 5/16" Washers
 5/16" Stopnuts
 1/4" x 3/4" Bolts
 1/4" x 3/8" Setscrews
 1/4" Washers
 1/4" Stopnuts
 1" Black Plugs
 1-1/4" Black Plugs

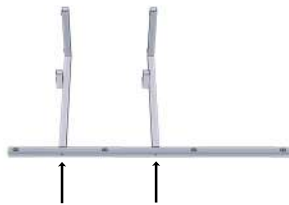


STEP ONE:

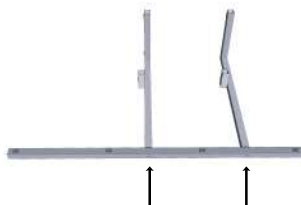
Locate the Bottom Front Rail. This rail does NOT have "dots" on the ends.

(2) Floor Support Ends should be placed on the floor. Line up the holes in the Bottom Front Rail with the ends of the Floor Supports. Attach using (2) 5/16" x 2" Bolts and (2) 5/16" Washers.

RIGHT
ANGLE



LEFT
ANGLE



STEP TWO:

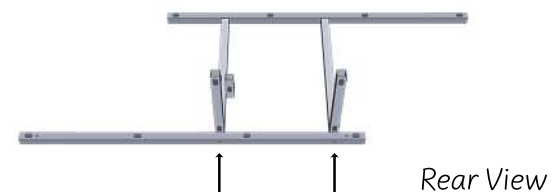
Locate the Bottom Rear Rail. This rail has "dots" on the ends.

Attach the Bottom Rear Rail to the back of the floor supports, as shown, using (2) 5/16" x 2" Bolts and (2) 5/16" Washers.

RIGHT
ANGLE



LEFT
ANGLE



*All Examples are
Right -Angled*

STEP THREE:



Place the 45.5" Vertical Posts into the open vertical tubes of the Floor Supports until fully inserted, as shown. Use 5/16" x 1/2" Bolts to secure them.



STEP FOUR:

Insert the 50" Vertical Posts into the open vertical tubes on the back of the Floor Supports until fully inserted, as shown. Secure using 5/16" x 1/2" Bolts.

STEP FIVE:

Slide the (2) Upper Main Arm Ends over the Vertical Posts, as shown. Slide the taller end of the Arm over the 50" Vertical Post so the back of the second tier is slightly taller than the front.



Now decide how high you want the second tier to be. We recommend making the Arms flush with the BACK Vertical Posts, as shown. Secure in place using 5/16" x 1/2" Bolts.



STEP SIX:

Locate (1) Top Rail; the Top Rails only have through-holes. Place the Top Rail on the front of the Upper Main Arms, and line it up with the Bottom Front Rail, as shown.



Two of the holes on the Top Rail should be near those on the Upper Main Arms, as shown from the top. Line them up and secure using (2) 5/16" x 3" Bolts, (2) 5/16" Washers and (2) 5/16" Stopnuts.



TOP VIEW



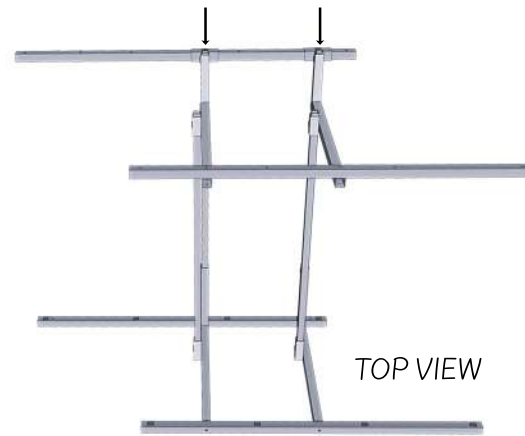
*All Examples are
Right -Angled*



STEP SEVEN:

Slide the other top rail through the horizontal tubes on the back of the Upper Main Arms, as shown.

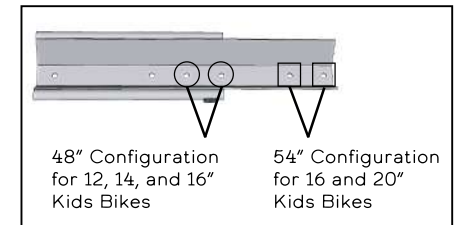
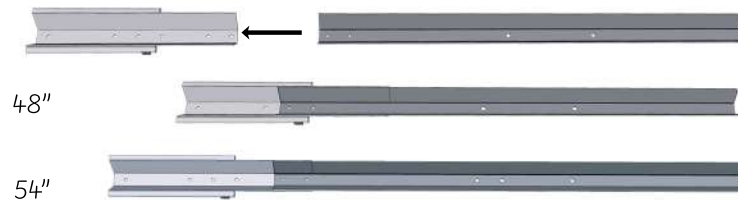
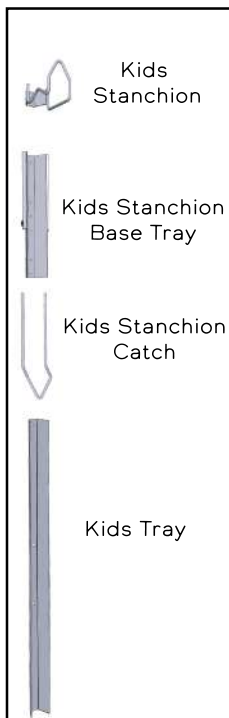
DO NOT SECURE



TOP VIEW

STEP EIGHT: TRAY ASSEMBLY

1. Place the Kids Tray into the Kids Stanchion Base Tray. Attach using (2) 1/4" x 3/4" Bolts, (4) 1/4" Washers, and (2) 1/4" Stopnuts. We recommend 48" trays for the top tier and 54" trays for the bottom. Depending on the tray length, use these holes for attachment:



48" Configuration
for 12, 14, and 16"
Kids Bikes

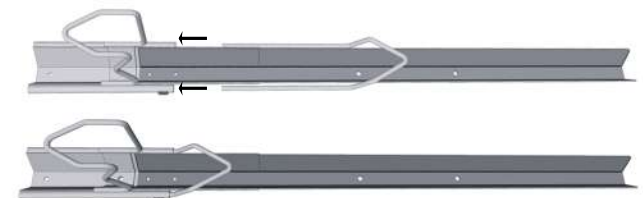
54" Configuration
for 16 and 20"
Kids Bikes

2. ON THE 48" OPTION ONLY:

The Kids Stanchion now attaches to the Kids Stanchion Base Tray using (1) 5/16" x 3/4" Bolt, (2) 5/16" Washers, and (1) 5/16" Stopnut.



Complete the tray assembly by sliding the two ends of the Kids Stanchion Catch into the open ends of the Kids Stanchion Base Tray tubes. Secure in place using (1) 1/4" x 3/8" Set Screw.



* The 54" option is completed in Step Ten after the tray is attached to the rack. Trays are loaded onto the bottom tier of the rack first.

STEP NINE:

Attach the 54" Trays to the Bottom Tier. Begin by aligning the holes on the tray with those on the rails. Secure the front with 5/16" x 3/4" Bolts and 5/16" Washers.



STEP TEN:

Now attach the Kids Stanchion. Insert (1) 5/16 x 3/4" Bolt and (1) 5/16" Washer through the Kids Stanchion and Kids Tray into the weld nut on the Bottom Rear Rail.



STEP ELEVEN:

Slide the two ends of the Kids Stanchion Tray Catch into the open ends of the Kids Stanchion Base Tray tubes. Secure in place using (1) 1/4" x 3/8" Set Screw.



Adjust the Kids Stanchion Tray Catch as needed when loading your bicycles.



***REPEAT STEPS 9-11 FOR THE REMAINING 54" BOTTOM TRAY ASSEMBLIES**



RIGHT ANGLED RACK





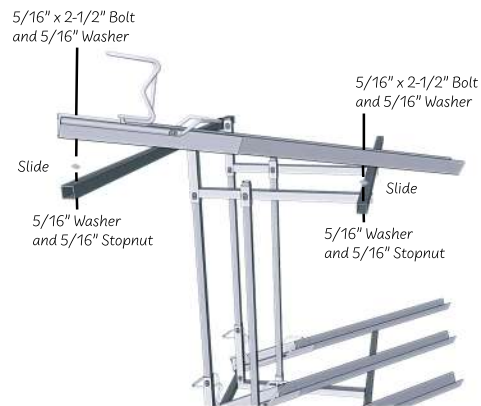
STEP TWELVE: TOP TIER REAR RAIL ALIGNMENT



Setting a Tray Assembly at an angle on the Rear and Front Rails is the easiest way to align the rear Top Rail.

Temporarily place a bolt through the hole in the front of the Tray and Front Rail. Now slide the Rear Top Rail so the back hole in the Tray Assembly lines up with the last hole on the Rear Top Rail. Secure the REAR TOP RAIL to the UPPER MAIN ARMS using a 5/16" x 1/2" Bolt.

STEP THIRTEEN:



Now the preassembled 48" Tray Assemblies are attached to the Top Tier. Place a Slide over the last hole on the front and rear rails. Using a 5/16" x 2-1/2" Bolt and 5/16" Washer, attach the Tray Assembly to the rails.

Put the bolt through the tray, slide, and rail, as shown. Secure in place using a 5/16" Washer and 5/16" Stopnut.

Repeat until all 48" Tray Assemblies are attached to the Top Tier.

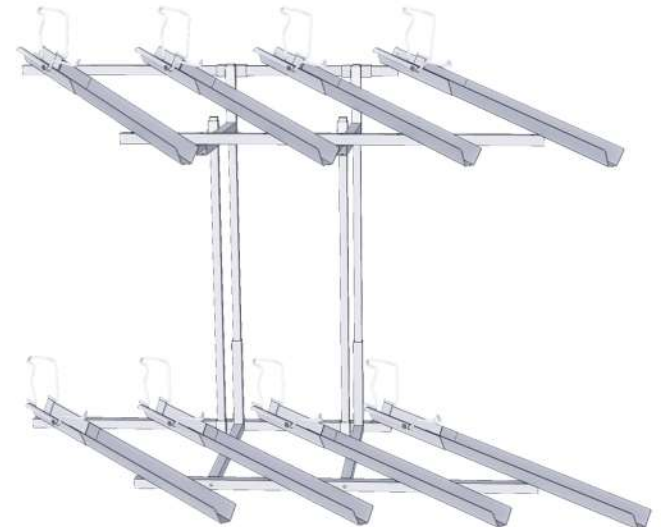
Adjust the Kids Stanchion Tray Catch as needed when loading your bicycles.



THE SLIDE SHOULD BE AT THE SAME ANGLE AS THE TRAY, not the rail.

STEP FOURTEEN:

Go back through and tighten any loose bolts. Finish the rack by inserting Black Plugs into any exposed ends of rails and supports.



YOUR RACK IS NOW COMPLETE!