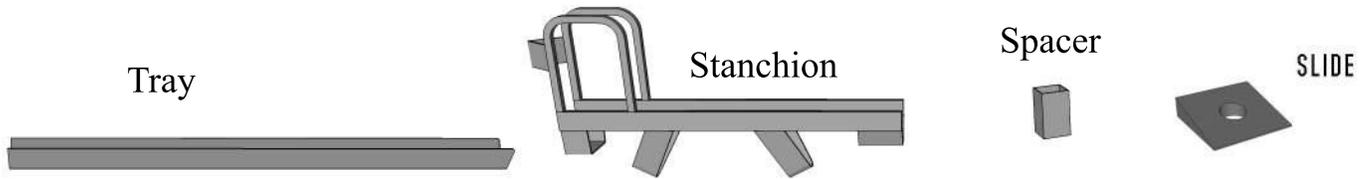


# Straight Forward Rack - Parts List

*2 Tier: 8 and 10 Bike*



57" VERTICAL POST (2TIER SPECIFIC)



61" VERTICAL POST (2 TIER SPECIFIC)



TOP RAIL (NO TABS)



BOTTOM REAR RAIL (TACK WELD NEAR TAB ON ENDS)



BOTTOM FRONT RAIL



5/16" x 2-1/2" Bolts

5/16" x 2" Bolts

1/4" x 3/4" Bolts

5/16" x 1/2" Bolts

5/16" x 3" Bolts

Black Plugs 1-1/4" 14 GA

Black Rectangular Plugs

5/16" Washers

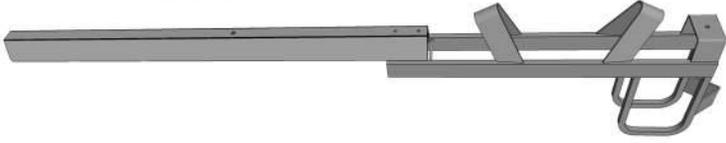
1/4" Washers

5/16" Stopnuts

1/4" Stopnuts

# Super Tray Assembly

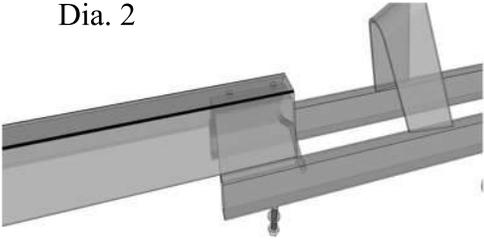
Dia. 1



step 1

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 in Dia. 1.

Dia. 2



step 2

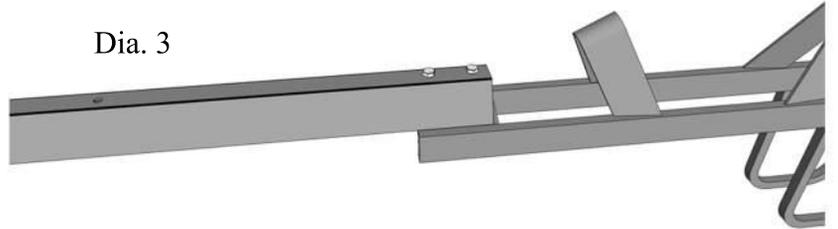
Place a 1/4" washer over a 1/4" x 3/4" bolt. Insert the assembly through one of the holes, as shown in Dia. 2. Tighten loosely with a 1/4" stopnut.

step 3

Repeat Step #2 in the open hole, as shown in Dia. 3.

Tighten using two wrenches.

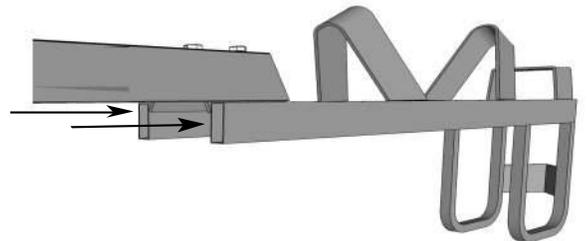
Dia. 3



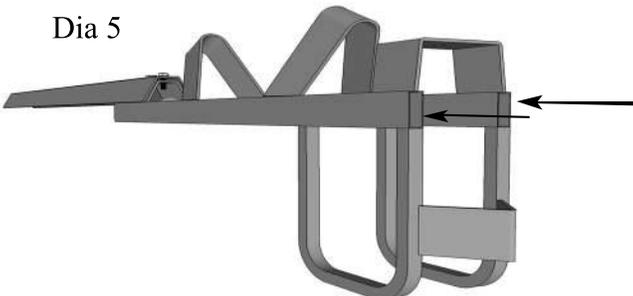
step 4

Insert 2 of the Rectangular Black Plugs in the open holes in the front of the stanchion, as shown in Dia. 4.

Dia. 4



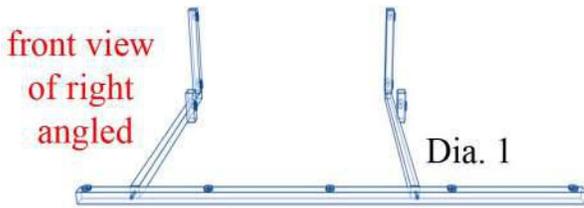
Dia 5



step 5

Insert 2 of the plugs in the back of the stanchion, as shown in Dia. 5. Your tray is now complete!

# Straight Forward 3 Tier 12 or 15 Bikes

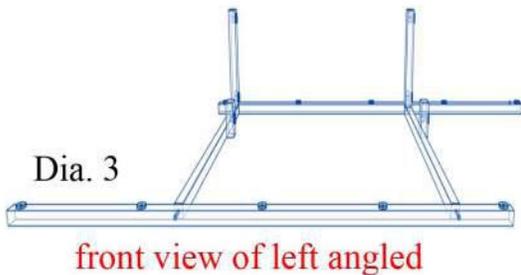
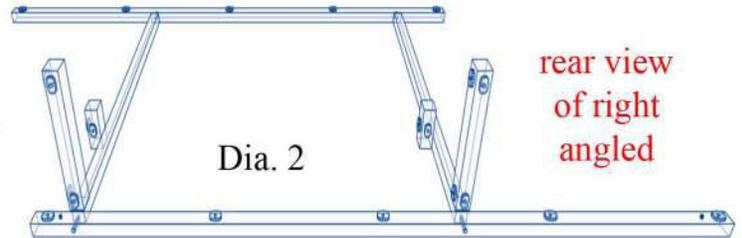


## step 1

Locate the bottom front rail (no dot on ends of rail, with weld tabs every 18"). Lay out on floor as shown in Dia. 1. *Do not attach.*

## step 2

Next locate the bottom rear rail (spot welds on both ends of rail, and weld tabs every 18"). Layout rail as shown in Dia. 2. *Do not attach.*



## STOP!

Dia. 1 and Dia. 2 are pictures of a right angled orientation, Dia 3 is a picture of a left angled orientation. To achieve a left angled rack you need to spin **only** the rails 180 degrees .

## step 3

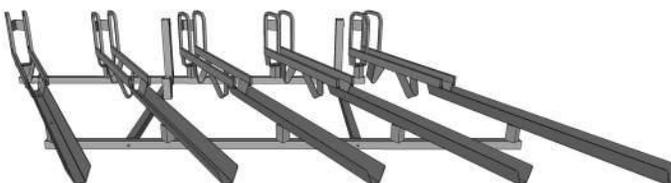
Now it's time to pre-assemble your trays. Please refer to the Super Tray Assembly page.

## step 4

Place the Straight Forward Spacers over the rear and front weld tabs. Make sure to place these at an angle because the trays will be angled, as shown in Dia. 4.



Dia. 5



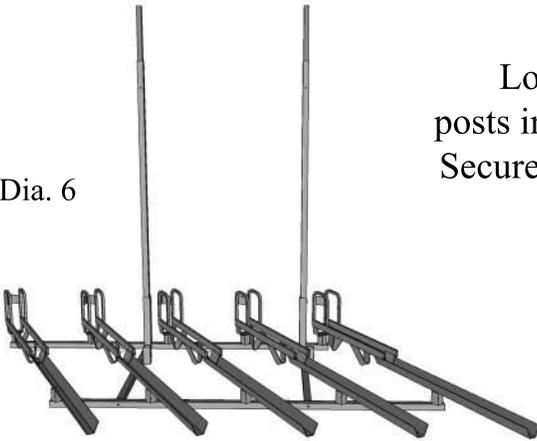
## step 5

Take the pre-assembled trays and place them over the Spacers. Align the front and rear holes of the tray with the holes in the rails. Attach the trays and spacers to the rails using 5/16 x 3" Bolts and 5/16" Washers. Then, attach the rails to the floor supports using 5/16" x 2" bolts, as shown in Dia. 5.

## step 6

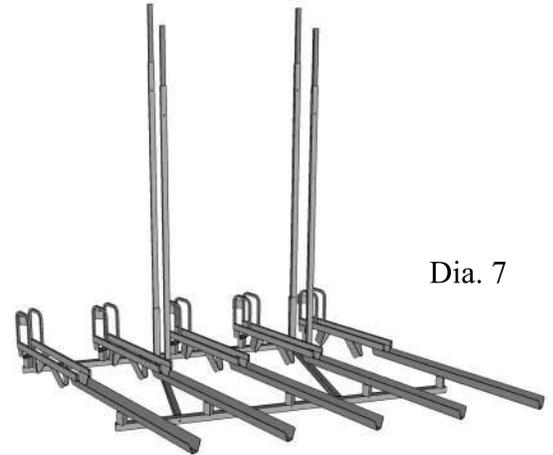
Locate the 61" vert posts (3). Insert the 61" posts into the tubes on the rear of the floor supports. Secure the vertical posts using 5/16" x 1/2" bolts to the floor supports, as shown in Dia. 6

Dia. 6



Then take the remaining 57" vert. posts (2) and insert them into the other vertical tubes on the floor supports, as shown in Dia. 7. Secure using 5/16" x 1/2" bolts.

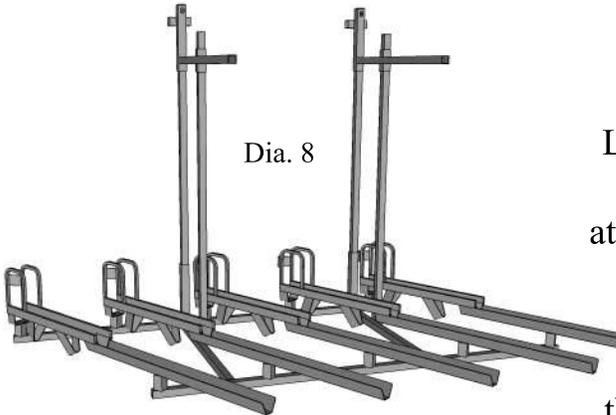
Dia. 7



## step 7

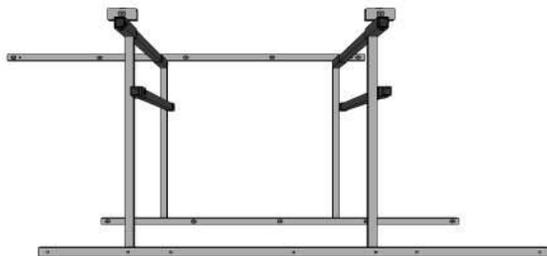
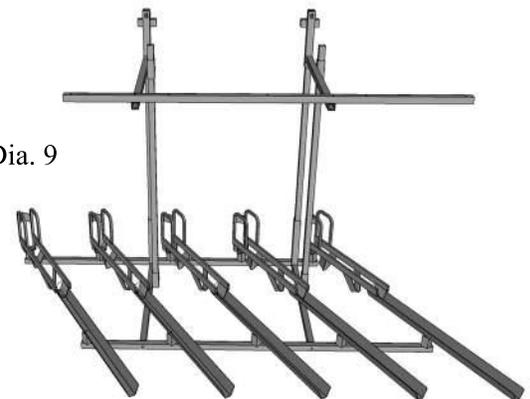
Locate the upper main arms. Slide them over the vert posts, as shown in Dia. 8. At this point, you need to decide at which height from the floor you want the second tier to be. We recommend making the rear portion of the upper main arms flush with the top of the 61" vert posts. Secure the upper main arms to the vert posts at the desired height using 5/16" x 1/2" bolts.

Dia. 8



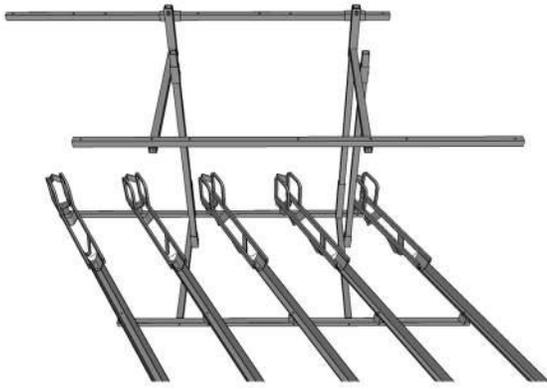
**step 8**  
Locate one of the top rails (should only have holes through it). Place the rail on the front of the upper main arms corresponding to the placement of the bottom front rail, with drilled holes being vertical, as shown in Dia. 9.

Dia. 9



Dia. 10 (trays removed for easier viewing)

Align the holes on the rail with the holes in the upper main arms, as shown in Dia. 10. Using 5/16" x 3" bolts, secure the rail to the arms. Tighten.

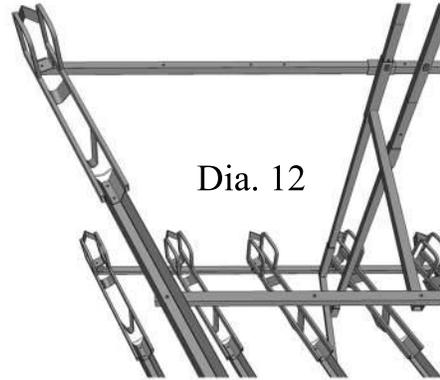


### step 9

Now find another top rail. Slide it through the horizontal tubes on the back of the upper main arms, as shown in Dia. 11.

### step 10

The next step is aligning the rear rail. This is easiest done by taking a tray and setting it on the rails with the front hole of the tray on the end of the top front rail. Put a bolt in the hole but do not secure. Now adjust the rear rail by sliding it so the back hole in the tray lines up with the hole in the rail, as shown in Diagram 12. Using 5/16" x 1/2" bolts, secure the rear rail to the upper main arms. *Do not tighten.*

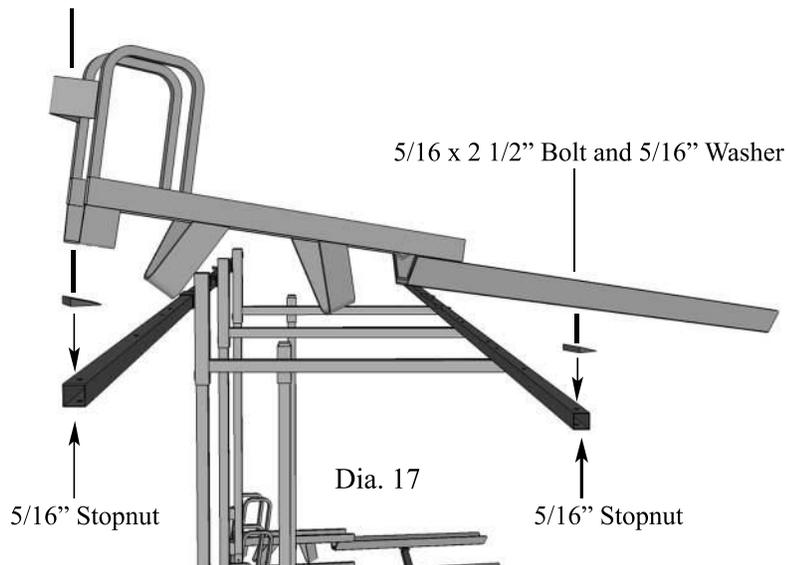


Dia. 12

### step 11

The last step is to attach the trays to the second tier of the structure. Start at one end of the structure, place wedges on the rails so the holes line up. Remember to angle the wedges as the tray will be angled. Using a 5/16" x 2-1/2" Bolt and 5/16" washer, attach the tray to the rails, putting the bolt through the tray and stanchion, then the wedge, and finally the rail. Secure with a 5/16" stopnut from below, as shown in Dia. 17.

5/16 x 2 1/2" Bolt and 5/16" Washer



5/16 x 2 1/2" Bolt and 5/16" Washer

Dia. 17

5/16" Stopnut

5/16" Stopnut

Go back through and tighten any loose bolts. Your Straight Forward is now complete!