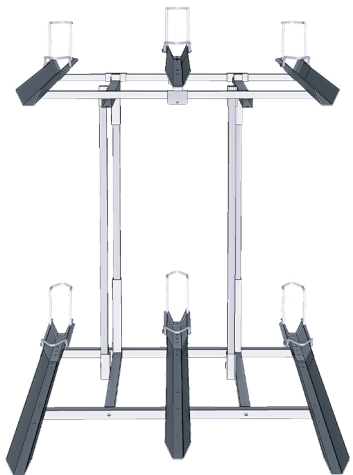




# Kids Bike Tower

Recommended Team Members Needed: 1

Designed & Made  
in the USA



Tray



Kids  
Stanchion



Kids  
Stanchion  
Base  
Tray



Kids  
Stanchion  
Catch



Main Arm



Floor Support



Top Front Rail



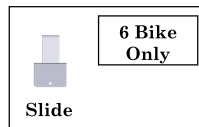
Top Rear Rail



Bottom Rail



45" Vertical Post



6 Bike  
Only

Slide



## Tools

(2) 7/16" Wrenches

1/2" Wrench

## Hardware & Parts

Kids Tray

Kids Stanchion

Kids Stanchion  
Base Tray

Kids Stanchion  
Catch

1/4" x 3/4" Bolts

1/4" Washers

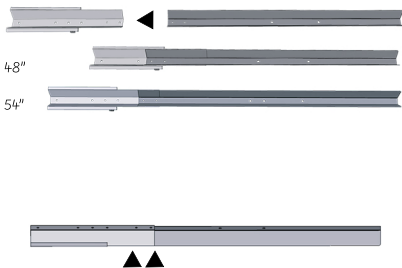
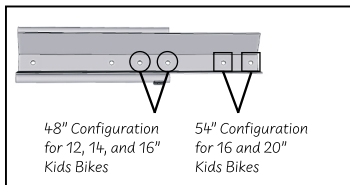
1/4" Stop Nuts

5/16" x 3/4" Bolts

5/16" Washers

5/16" Stop Nuts

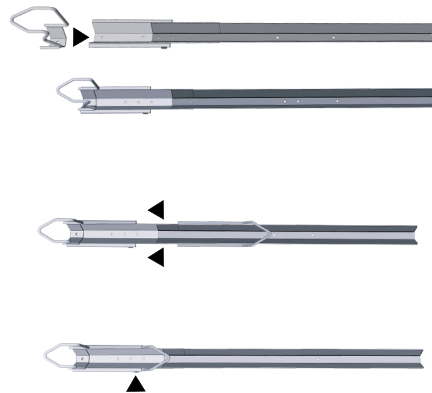
1/4" x 3/8"  
Set Screws



Locate the **Kids Tray** and **Kids Stanchion Base Tray**. Place the tray on top of the base, aligning the two holes to the length configuration you desire.

Flip the assembly and insert a **1/4" x 3/4" Bolt** with a **1/4" Washer** through the bottom of the holes and tighten with a **1/4" Washer and Stop Nut**.

We recommend using 54" trays on the bottom tier and 48" trays on the top tier of the Kids Bike Tower



On your three bottom tier 54" trays only: Attach the **Kids Stanchion** to the **Kids Stanchion Base Tray** top hole using a **5/16" x 3/4" Bolt** and **5/16" Washer** secured with a **5/16" Washer and Stop Nut**.

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

48" Trays attach to rack after the top tier is built.



## Hardware & Parts

Bottom Rails

Floor Supports

54" Tray Assemblies

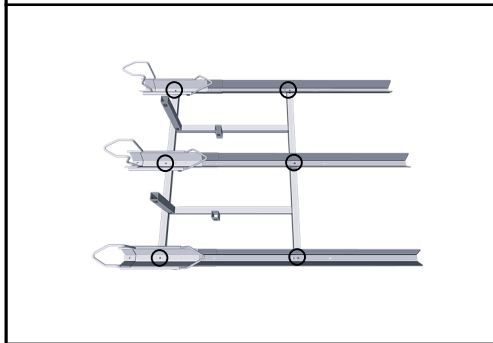
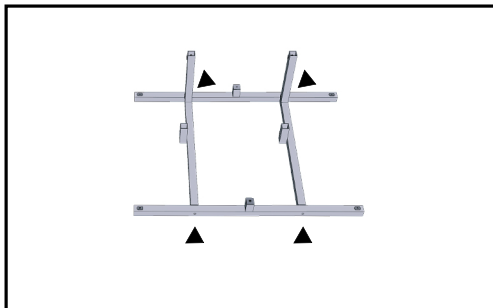
45" Vertical Posts

5/16" x 1/2" Bolts

5/16" x 3/4" Bolts

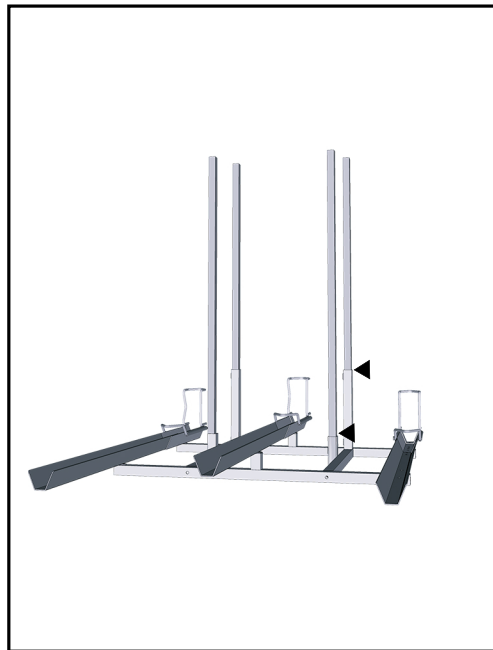
5/16" x 2" Bolts

5/16" Washers



Locate the **Bottom Rails** and **Floor Supports**. Place the **Floor Supports** between the **Bottom Rails**, lining up the holes in the back and front of the **Floor Supports** with the holes on the sides of the **Bottom Rails**. Secure using **5/16" x 2" Bolts** and **5/16" Washers**.

Attach the **54" Tray Assemblies** to the bottom tier by aligning the tray holes with those on the **Bottom Rails**. Bolt down using **5/16" x 3/4" Bolts** and **5/16" Washers**.



Locate the **Vertical Posts**. Insert two **45" Vertical Posts** into the tallest part of the **Floor Support** at the back of the rack. Secure using **5/16" x 1/2" Bolts**.

Insert the remaining **45" Vertical Posts** into the two open tubes in the front of the **Floor Supports**. Secure using **5/16" x 1/2" Bolts**.



## Hardware & Parts

Main Arms

Top Rear Rail

Top Front Rail

48" Tray Assemblies

Kids Stanchion

Kids Stanchion Catch

5/16" x 1/2" Bolts

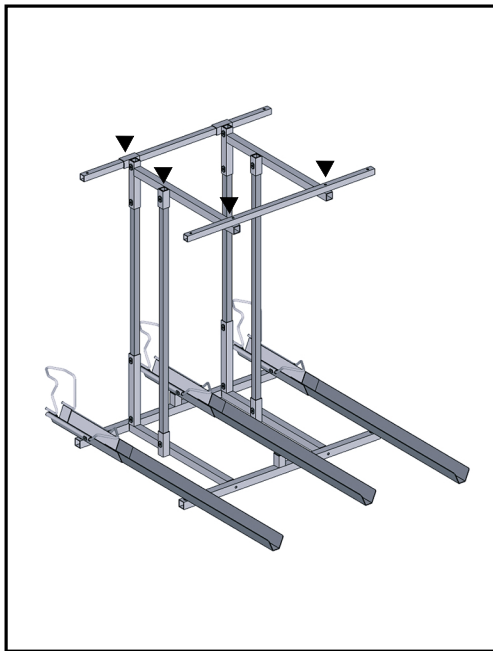
5/16" x 2" Bolts

5/16" x 3" Bolts

5/16" Washers

5/16" Stop Nuts

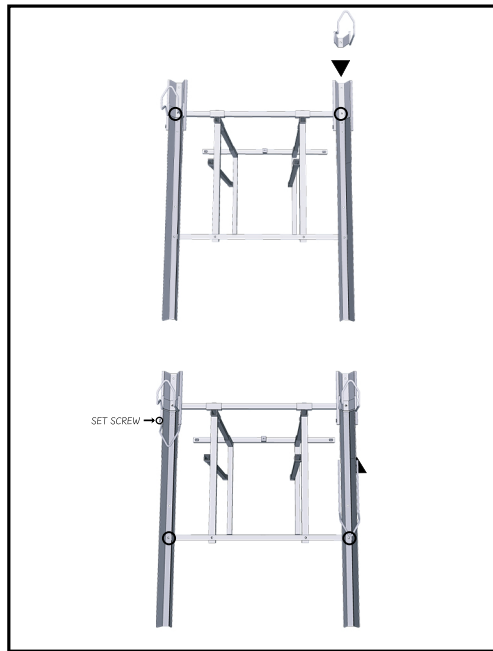
3/8" x 1/4" Set Screws



Slide the **Main Arms** over the **Vertical Posts** with the horizontal tube facing the back of the structure. Adjust until the top is flush with the **45" Vertical Posts**. Secure using **5/16" x 1/2" Bolts**.

Slide the **Top Rear Rail** (2 holes) through the horizontal tubes with the holes facing up. **DO NOT ATTACH**.

Next, place the **Top Front Rail** (4 holes) on the **Main Arms**. Align the two center holes of the rail with the holes on the **Main Arms**. In those two holes, insert **5/16" x 3" Bolts** and **5/16" Washers**, securing with **5/16" Washers** and **Stop Nuts**.



Locate the **48" Tray Assemblies**. Place assemblies on the right and left side of the top tier. Align the second furthest back hole with a hole on the ends of the **Top Rear Rail**.

Place a **Kids Stanchion** on top and insert **5/16" x 2" Bolts** and **5/16" Washers**. Secure with **5/16" Washers** and **Stop Nuts**.

Next, slide the two ends of a **Kids Stanchion Catch** into the open ends of the **Kids Stanchion Base Tubes**, securing in place with **1/4" x 3/8" Set Screws**.

Attach the front of the **Tray Assembly** with **5/16" x 2" Bolts** and **5/16" Washers**, secured with **5/16" Washers** and **Stop Nuts**.



## Hardware & Parts

**6 Bike  
Option Only:**

Slides

48" Tray Assembly

1/4 x 1-3/4" Bolts

1/4" Stop Nuts

5/16" x 3/4" Bolts

5/16" Washers

**5 & 6 Bike with Crown:**

5/16" x 1/2" Bolts



Secure the **Top Rear Rail** to the **Main Arms** using **5/16" x 1/2" Bolts**.

**TIGHTEN ALL LOOSE BOLTS**



**6 Bike Only:** Locate the 2 **Slides**. Place one in the center of the **Top Rear and Front Rails**. Secure with **1/4" x 1-3/4" Bolts** and **1/4" Stop Nuts**.

Locate the last **48" Tray Assembly** and attach to the center of the top tier. Align the holes on the **Tray Assembly** with the holes on the **Slides**.

Secure with **5/16" x 3/4" Bolts** and **5/16" Washers**.



## Hardware & Parts

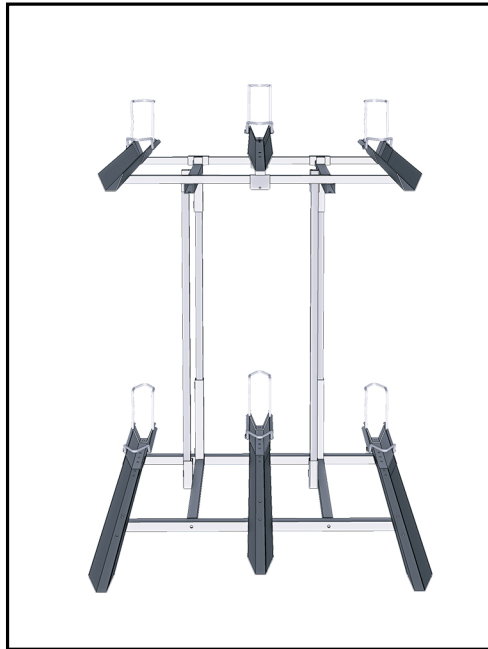
1" Black Plugs

1-1/4" Black Plugs

*Look at that thing,  
you did a fantastic job!*

*It would be awesome if we  
could see what you do  
with your Rudy Rack  
in the wild!*

*Show us why you went  
with Rudy Rack by tagging  
us in a post @Rudyrackwis  
and sharing your story.*



Complete your Kids Bike Tower  
by inserting **1" and 1-1/4" Black Plugs** into  
exposed ends.