

**sport**works®

ASSEMBLY INSTRUCTIONS

**TERRACE**

## Revision History

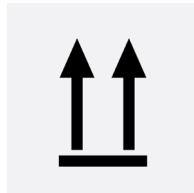
Version	Release Date	Changes / Comments
10106-A	08/19/2022	Initial Release

## Table of Contents

NOTICE.....	2
TOOLS AND PARTS.....	3
INSTRUCTIONS PART 1: Build Terrace Base Unit .....	8
INSTRUCTIONS PART 2: Install Bicycle Trays.....	11
APPENDIX A: Install Extension Module Frames .....	15

## NOTICE

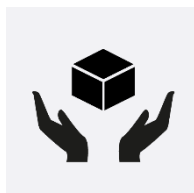
Manufacturer and seller expressly disclaim any and all liability for personal injury, property damage or loss, whether direct, indirect, or incidental, resulting from the incorrect attachment or inappropriate placement, improper use, inadequate maintenance, or neglect of this product. Placement of this product is beyond control of the manufacturer. It is the end user’s responsibility to place this product so as to avoid accidents.



**Place on a level surface to prevent injury and ensure bicycles are secure. Serious or fatal injuries and bike damage can occur if placed on an uneven surface.**



**Serious or fatal crushing injuries can occur from tip over. To prevent tip over, this device must be used with the floor attachment device(s) provided. If you are uncertain, seek professional advice. Read and follow each step of the instruction carefully.**



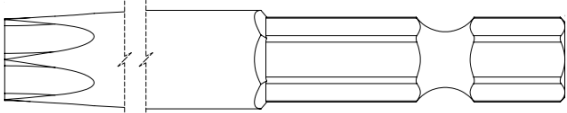
**Clean with non-abrasive materials. Use a soft, dampened sponge or cloth. Never use an abrasive material such as a brush or scouring pad to clean surfaces.**



**System should be placed indoors or an outdoor covered location that is protected from environmental elements.**

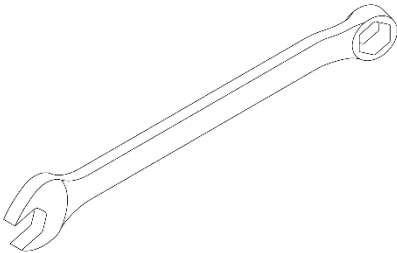
# TOOLS AND PARTS

## Required Tools – Included with Installation Kit (Qty 1 per System)

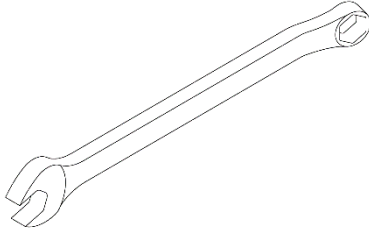


T45 Tamper Torx

## Required Tools – Not Included

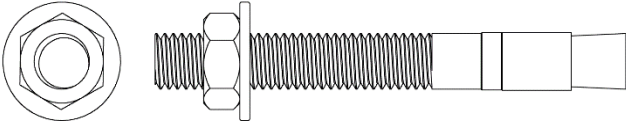
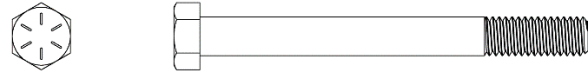


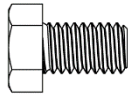
9/16" Wrench or Socket



3/4" Wrench or Socket

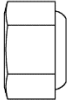
## Fasteners – Upright Frame

IMAGE	DESCRIPTION	QTY PER UPRIGHT, SINGLE / DOUBLE SIDED*
	Concrete Anchor 1/2-13 x 4.25	2 / 2
	Hex Bolt 3/8-16 x 3 3/4"	4 / 4



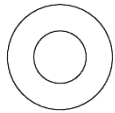
Hex Bolt 3/8-16 x 5/8"

3 / 4



Hex Nut 3/8-16 Nylock

4 / 4




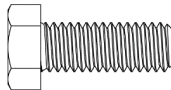
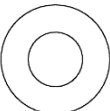

3/8" Washer

11 / 12

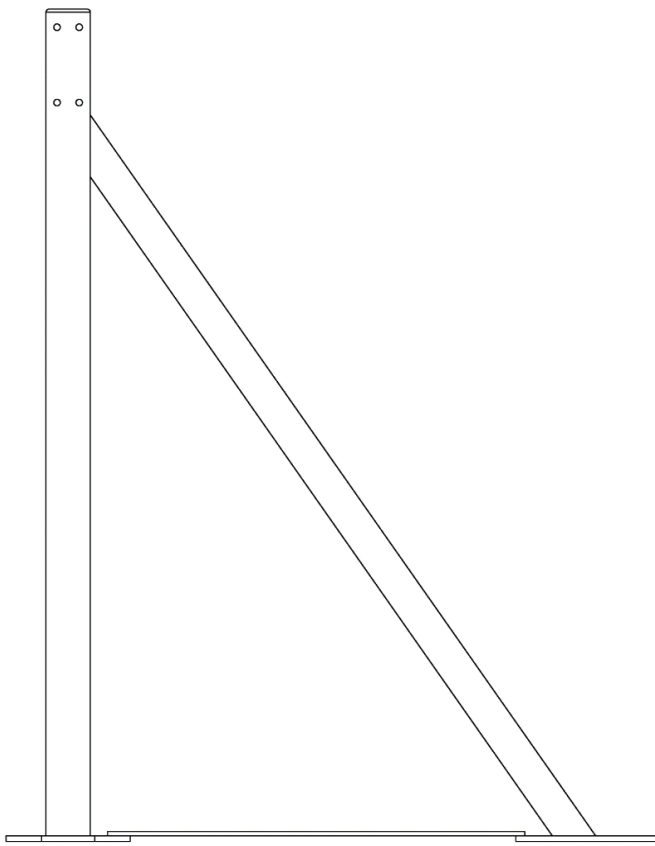


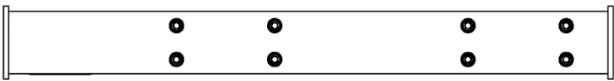
### Fasteners – Lower Trays

IMAGE	DESCRIPTION	QTY PER TRAY
 	T45 Tamper-Resistant Torx	1
 	Hex Bolt 3/8-16 x 7/8"	2
 	3/8" Washer	2

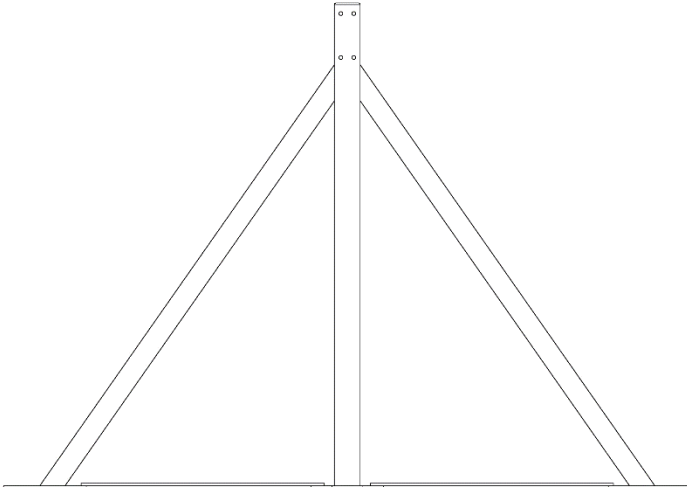
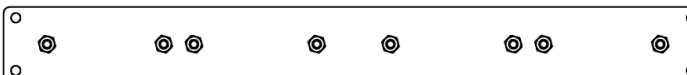
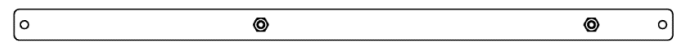
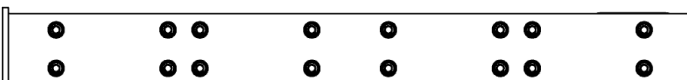
### Fasteners – Upper Trays

IMAGE	DESCRIPTION	QTY PER TRAY
 	Hex Bolt 3/8-16 x 1"	4
 	3/8" Washer	4

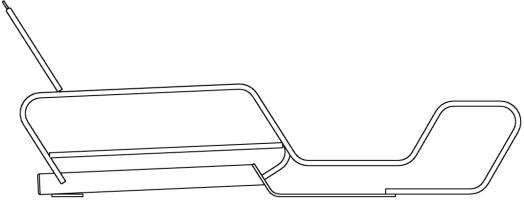
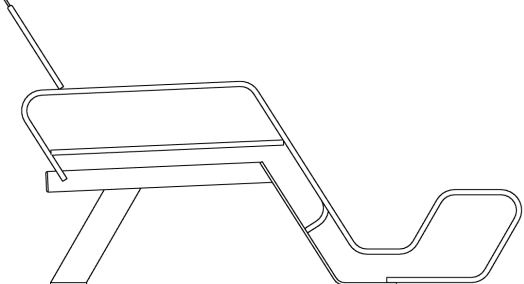
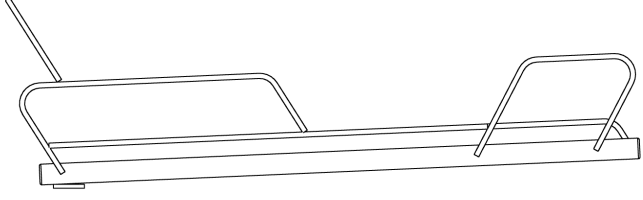
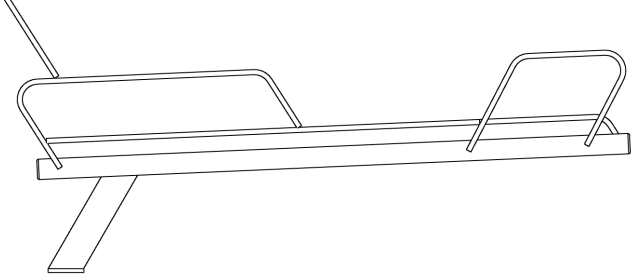
Parts - Single-Sided Modules

IMAGE	DESCRIPTION	QTY PER BASE MODULE / EXTENSION MODULE
	Upright Frame	2 / 1
	Inside Connecting Bar	1 / 1
	Outside Connecting Bar	1 / 1
	Cross Tube	1 / 1

Parts - Double Sided Modules

IMAGE	DESCRIPTION	QTY PER BASE MODULE / EXTENSION MODULE
	Upright Frame	2 / 1
	Inside Connecting Bar	1 / 1
	Outside Connecting Bar	2 / 2
	Cross Tube	1 / 1

Parts – Trays

IMAGE	DESCRIPTION	LOCATION
 <p>A line drawing of a tray with a curved front edge and a small rectangular notch on the right side. A thin rod is shown passing through the front edge from the left.</p>	Level 1 Position 1 Tray	Lower level, lower position
 <p>A line drawing of a tray with a curved front edge and a small rectangular notch on the right side. It is supported by a single leg on the left side. A thin rod is shown passing through the front edge from the left.</p>	Level 1 Position 2 Tray	Lower level, upper position
 <p>A line drawing of a tray with a curved front edge and a small rectangular notch on the right side. It is supported by two legs, one on the left and one on the right. A thin rod is shown passing through the front edge from the left.</p>	Level 2 Position 1 Tray	Upper level, lower position
 <p>A line drawing of a tray with a curved front edge and a small rectangular notch on the right side. It is supported by a single leg on the left side. A thin rod is shown passing through the front edge from the left.</p>	Level 2 Position 2 Tray	Upper level, upper position

## INSTRUCTIONS PART 1: Build Terrace Base Unit

### STEP 1:

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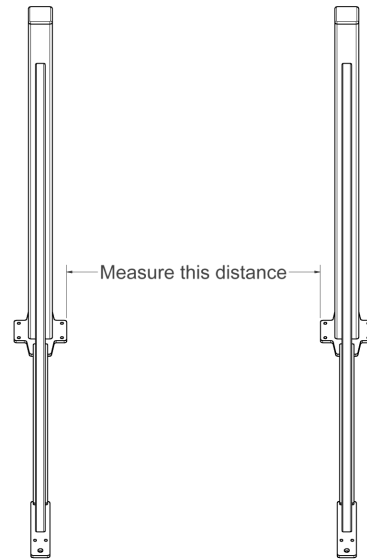
Set upright frames parallel, standing up, set at the following distances:

4 Bike Single-Sided or 8 Bike Double-Sided Module: 26.5 inches

6 Bike Single-Sided or 12 Bike Double-Sided Extension Module: 42.5 inches

8 Bike Single-Sided or 16 Bike Double-Sided Module: 58.5 inches

12 Bike Single-Sided or 24 Bike Double-Sided Module: 90.5 inches



### STEP 2:

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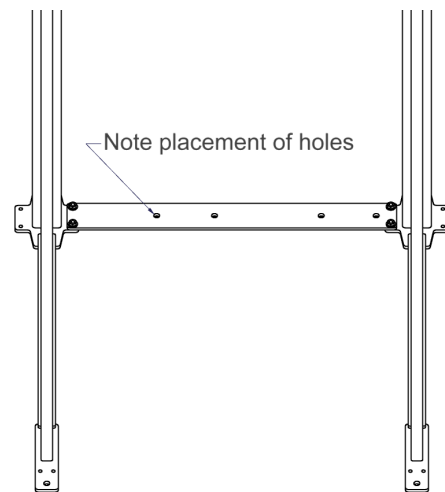
Install the inside connecting bar at the rear of the upright frames.

Orient the part as shown in the image with the hole closest to the upright frame on the right.

**NOTE:** If installing a single-sided module, the part is not symmetrical, therefore the correct orientation is critical (refer to image and the placement of holes). For double-sided modules, the part is symmetrical and can be installed in either orientation.

For any module type, the hex nuts should be on the bottom of the part when installed.

Thread four (4) 5/8" long 3/8-16 hex bolts and washers. DO NOT fully tighten fasteners as realignment may be necessary.





## STEP 3:

Install the outer connecting bar at the front of the upright frame ensuring the hex nuts are located on the bottom of the part.

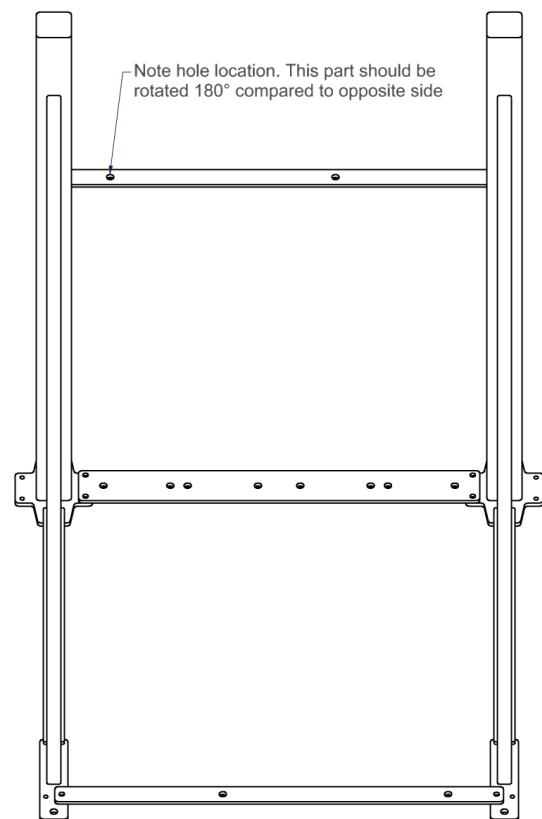
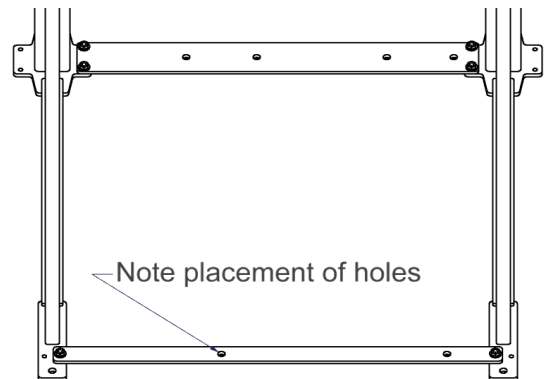
**NOTE:** This part is not symmetrical, therefore, ensure proper orientation of holes as pictured when installing.

Thread two (2) 5/8" long 3/8-16 hex bolts and washers. DO NOT fully tighten fasteners.

If installing single-sided modules, continue to STEP 4.

For double-sided modules, install the outside connecting bar on the opposite side.

Be careful to match the orientation of the connecting bar to what is shown in the image to the right.



## STEP 4:

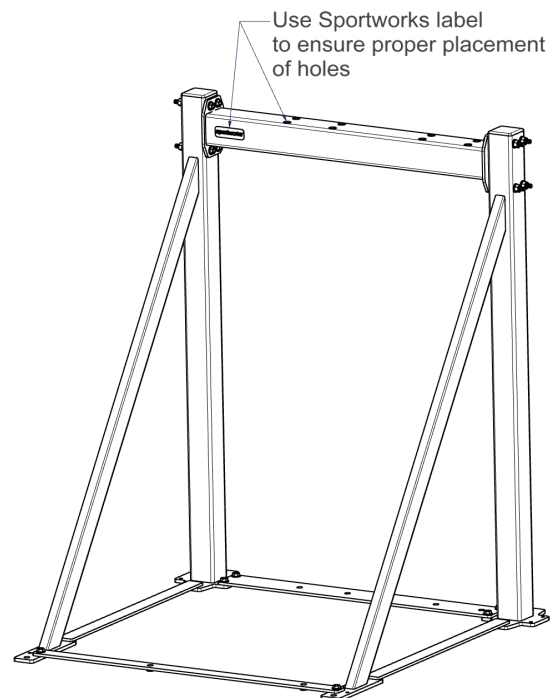
Install cross tube using four (4) 3-3/4" long 3/8-16 hex bolts, washers, and nylock hex nuts.

If assembling a single-sided module, install the cross tube such that the Sportworks logo is in the position shown. This ensures that the tray mounting holes are oriented correctly.

For double-sided modules, the cross tubes are symmetrical.

The bolts should extend outward with the nuts on the outside of the upright frames, to facilitate later installation of extension units.

Tighten these bolts, then all other bolts that were previously left loose.

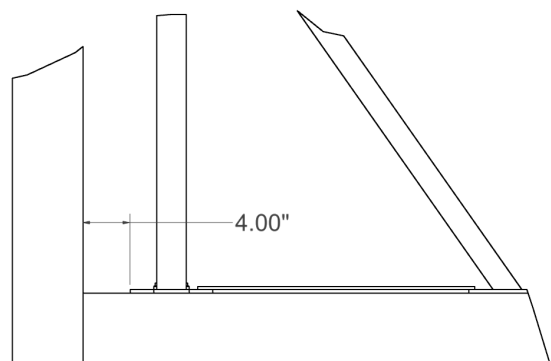


## STEP 5:

Move partially assembled frame into final position.

For single-sided modules, ensure a minimum of 4" spacing between the back of the rack foot and the wall as shown.

Install extension module frames if applicable – see Appendix A



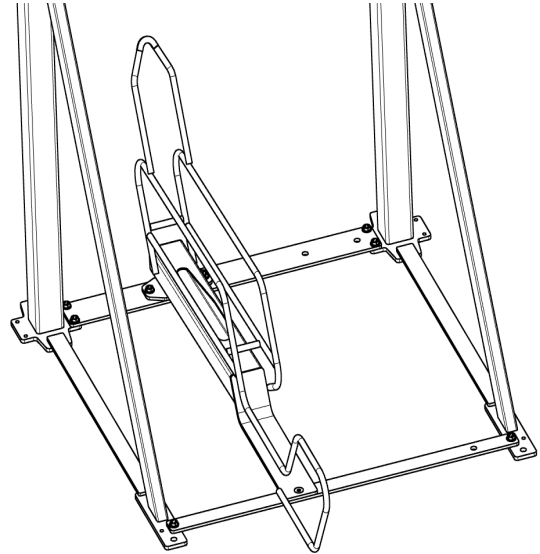
## INSTRUCTIONS PART 2: Install Bicycle Trays

### STEP 1:

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Attach the **level 1 position 1** tray to the holes on the bottom connecting bar farthest to the left.

Use two (2) 7/8" long 3/8-16 hex bolts and washers for the rear cross bar. A T45 tamper-resistant Torx screw should be used to secure the front of the tray.

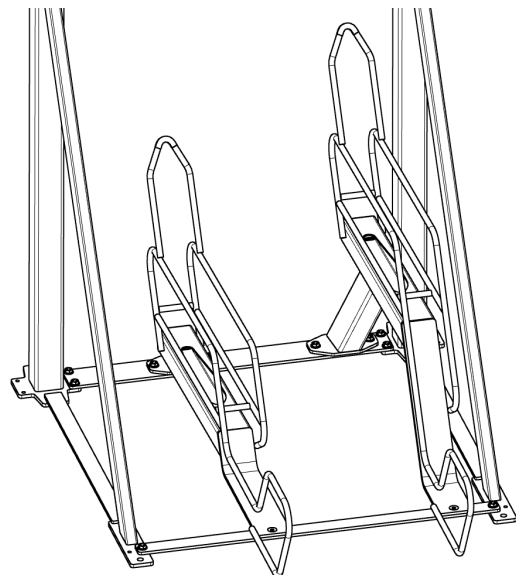


### STEP 2:

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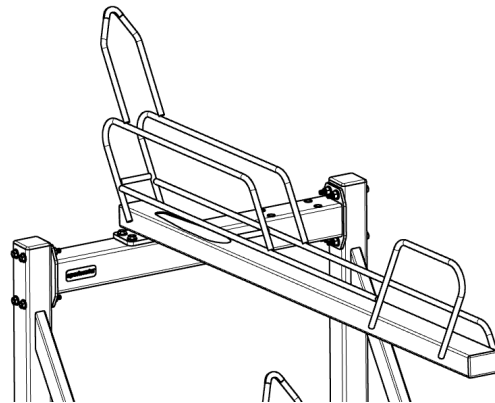
Attach a **level 1 position 2** tray using the holes 16" to the right of the level 1 position 1 tray just installed. Use two (2) 7/8" long 3/8-16 hex bolts and washers for the rear crossbar. A T45 tamper-resistant Torx screw should be used to secure the front of the tray.

Continue all level 1 tray installations alternating heights between position 1 and position 2 trays with a tray every 16".

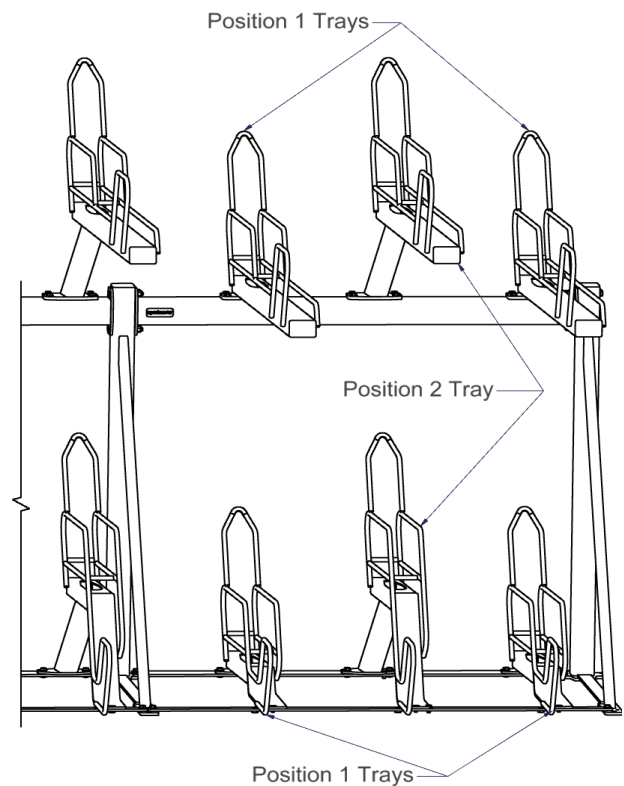


## STEP 3:

Install the **level 2 position 1** tray using the holes on the upper cross tube farthest to the left. Support the weight of the tray while securing the four (4) 1" long 3/8-16 hex bolts and washers.



**NOTE:** If assembling a 6-bike single-sided or 12-bike double-sided extension module, there are a quantity of two (2) level 1 position 1 trays that will be installed on each side, with a quantity of one (1) level 1 position 2 tray in the center.

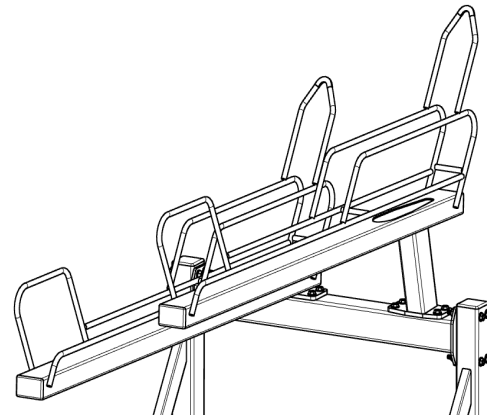


## STEP 4:

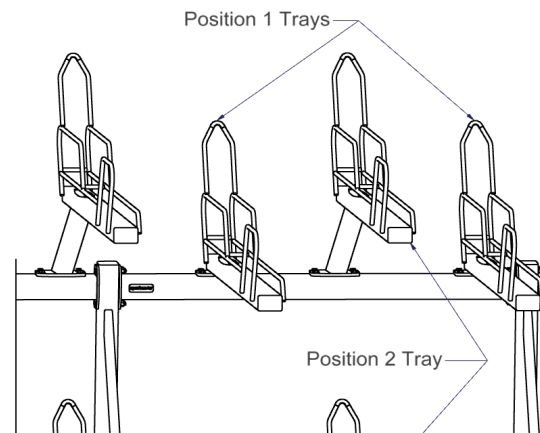
Install the **level 2 position 2** tray using holes 16" to the right of the level 2 position 1 tray just installed.

Support the weight of the tray while securing the four (4) 1" long 3/8-16 hex bolts and washers.

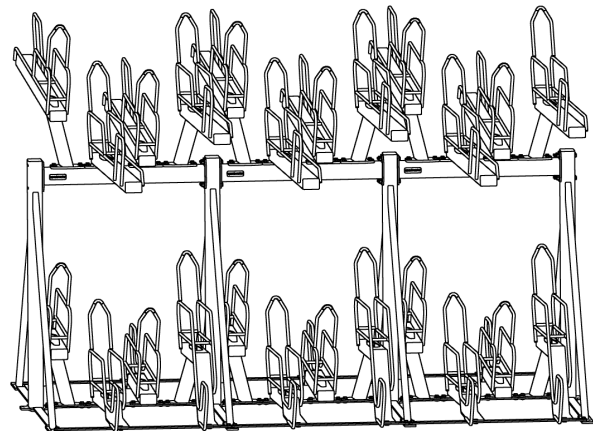
Continue all level 2 tray installations alternating heights between position 1 and position 2 trays with a tray every 16".



**NOTE:** If assembling a 6-bike double-sided or 12-bike double-sided extension module, there are a quantity of two (2) level 2 position 1 trays that will be installed on each side, with a quantity of one (1) level 2 position 2 tray in the center.



**NOTE:** If assembling a double-sided module, move to the rear of the rack to install trays using the method described. Start with lower tier trays, then proceed to attach the upper tier trays. This will prevent the risk of hitting your head on upper trays while completing assembly.



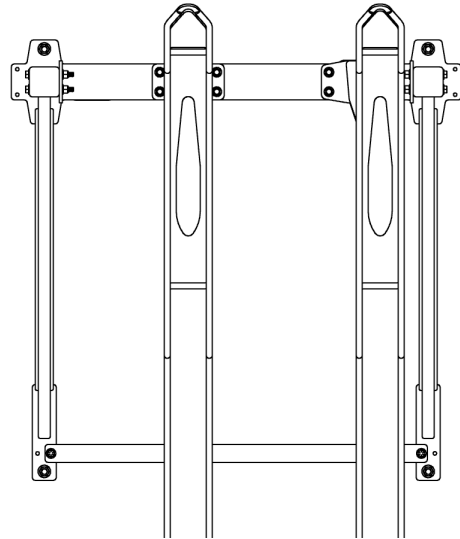
## STEP 5:

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Ensure the rack is in final desired position.

Mount the rack to floor with 1/2-inch wedge anchors (two (2) per upright frame).

Refer to the **Installation Instructions** (<https://www.sportworks.com/assets/files/Installation-Instructions.pdf>) document for wedge anchor instructions.



Assembly is complete. For extensions, continue to Appendix A.

## APPENDIX A: Install Extension Module Frames

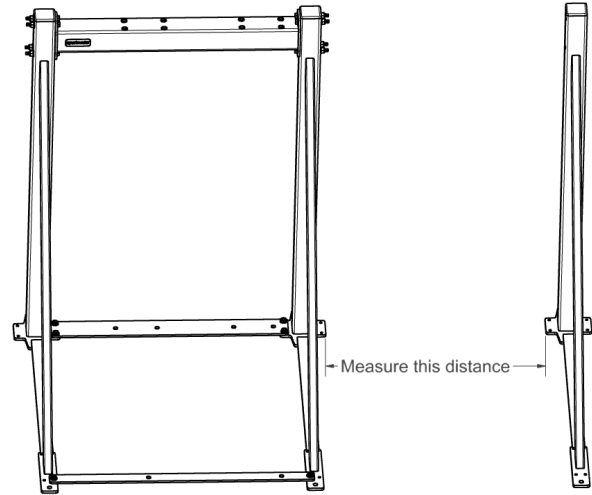
### STEP 1:

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Set first extension upright frame to the right of the base assembly.

Spacing distances between uprights are the same as with the base assemblies (see Part 1, Step 1).

**NOTE:** If installing a 6-bike single-sided or a 12-bike double-sided extension, ensure this module is the furthest right extension in the assembly to maintain the correct vertical stagger of the bike trays.

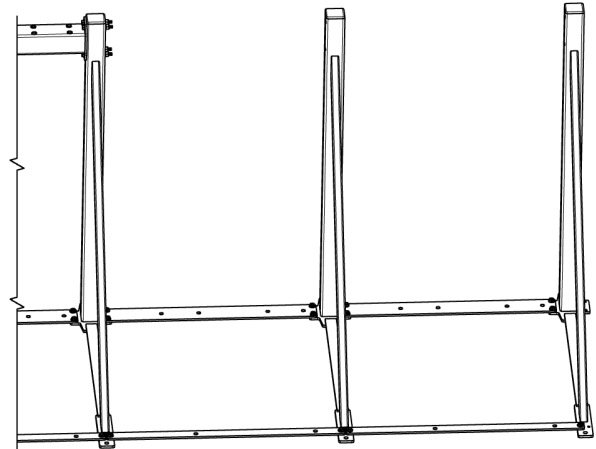


### STEP 2:

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Install lower connecting bars to the first extension and add hardware just as in base modules, leaving bolts loose until after cross bars are installed.

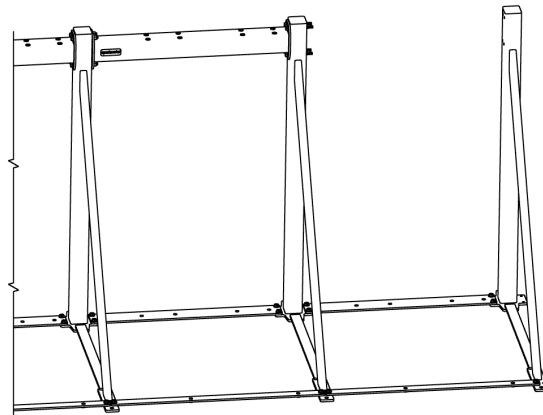
Repeat these two steps for any remaining extension modules as necessary.



### STEP 3:

Remove nuts and washers from the right side of base module, leaving bolts in place. Install first cross tube on extension and install bolts and washers through right side. Add nuts on the open bolts to the left of the extension.

Do not install nuts or washers at this time, if there are more extensions that need to be installed.



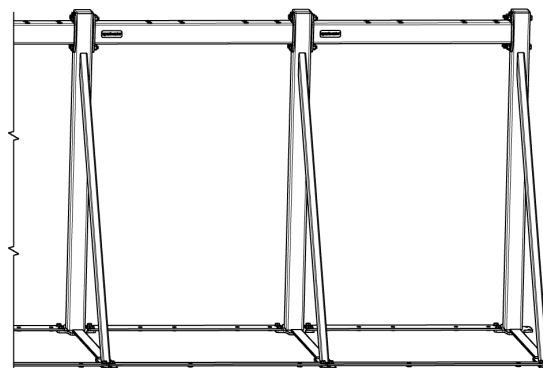
### STEP 4:

Continue process until all cross tubes are installed.

Once complete, tighten all fasteners on cross tubes and on lower connecting bars.

Refer to Part 2 Step 1 for installation instructions for bicycle trays.

**NOTE:** If the layout is planned with adequate ingress, egress, and loading aisle clearances, install floor anchors now, prior to bicycle tray installation referring to Part 2 Step 5. If modules may be later moved, install floor anchors after bicycle tray installation.



**For questions or support please contact our sales and support team at:  
425-483-7000 or by email: [salesandsupport@sportworks.com](mailto:salesandsupport@sportworks.com)**