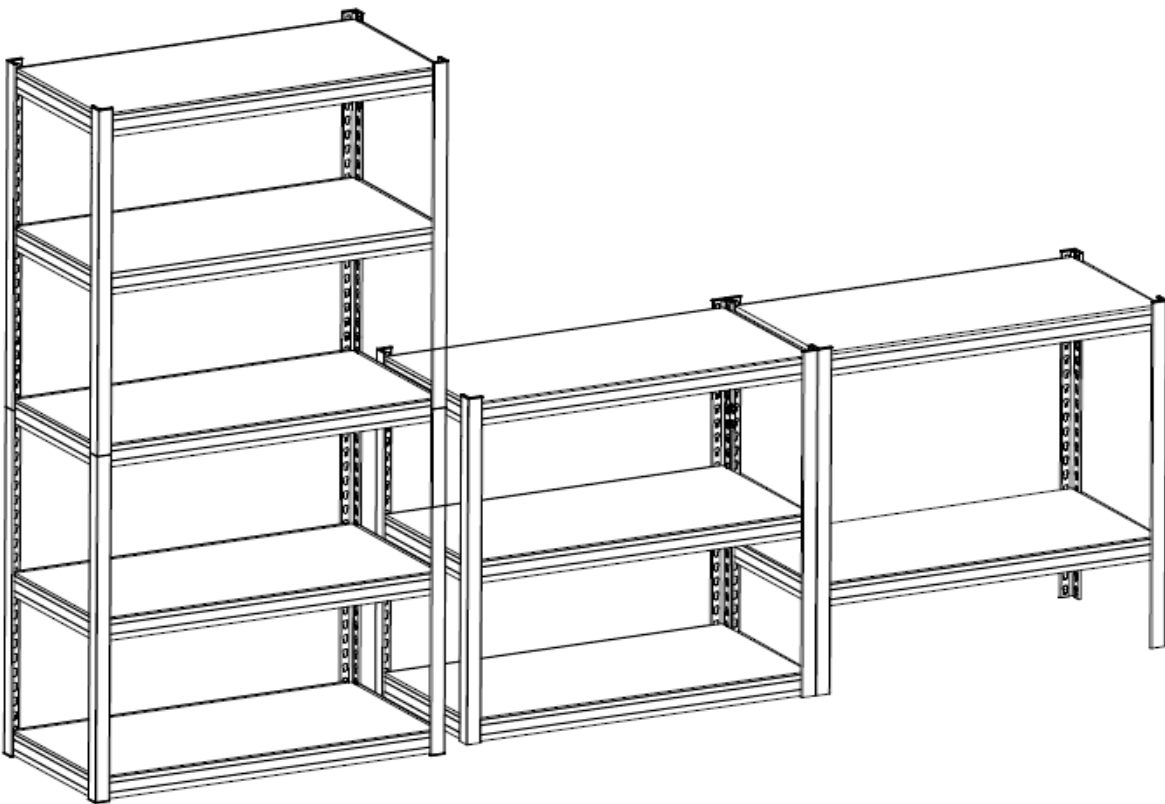


**Heavy-Duty Shelving Unit**  
**36 x 18 x 72**  
**Assembly Instructions**



**Dimensions (H x W x D):**  
**72" x 36" x 18" (183 x 92 x 46 cm)**

## Assembly Tips

### ATTENTION

This Heavy Duty Shelving unit is not recommended for outdoor use.

1. Use a lubricant to ease the joining of the angle posts and beams.
2. Use a cloth or wood block to protect the surface finish of the product when using a hammer.
3. Rivets must sit at the bottom of the keyhole slot. This is accomplished by hitting the flat section of the Z-beam.
4. Assemble the unit on a sturdy and level surface. Avoid assembly on carpet.
5. Load small stable items on the top shelves. Heavier and bulkier items should be stored on the lower shelves.
6. It is recommended that wall anchors be used to secure the shelving unit.

## ASSEMBLY INSTRUCTIONS & PARTS LIST

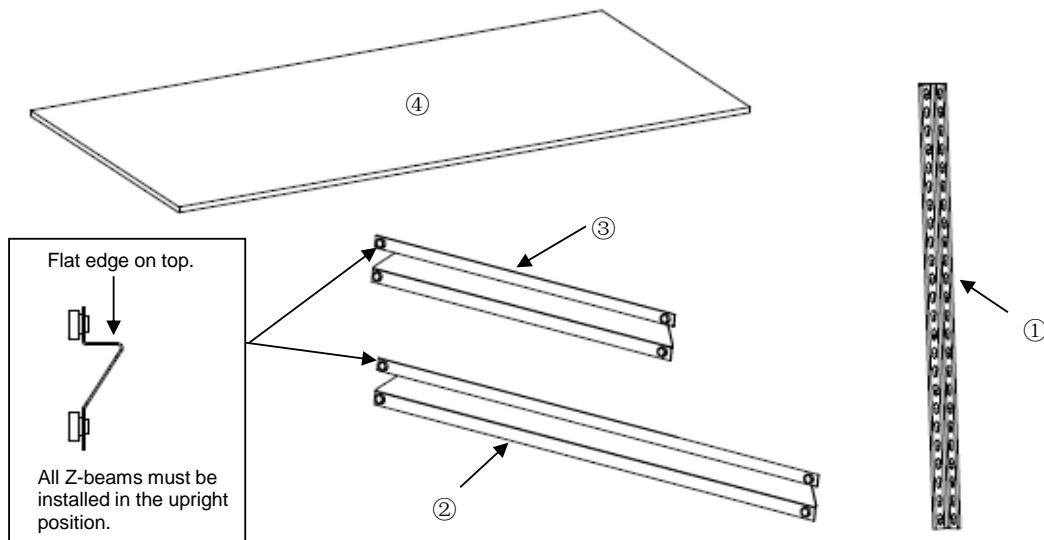
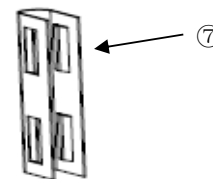
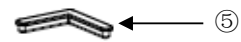
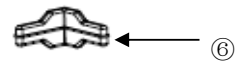
To facilitate assembly, it is recommended that two persons assemble the Heavy-duty Shelving Unit.

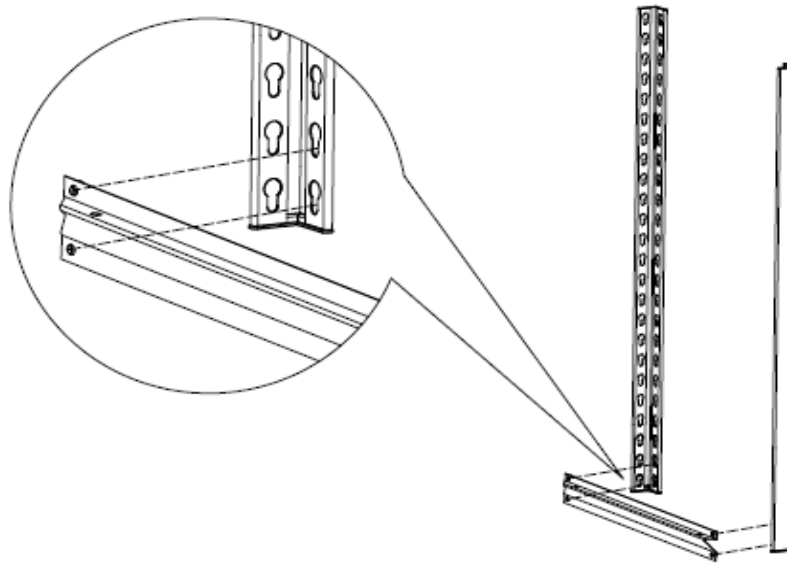
### Tools required:

~ Rubber Mallet / Hammer

### Parts List:

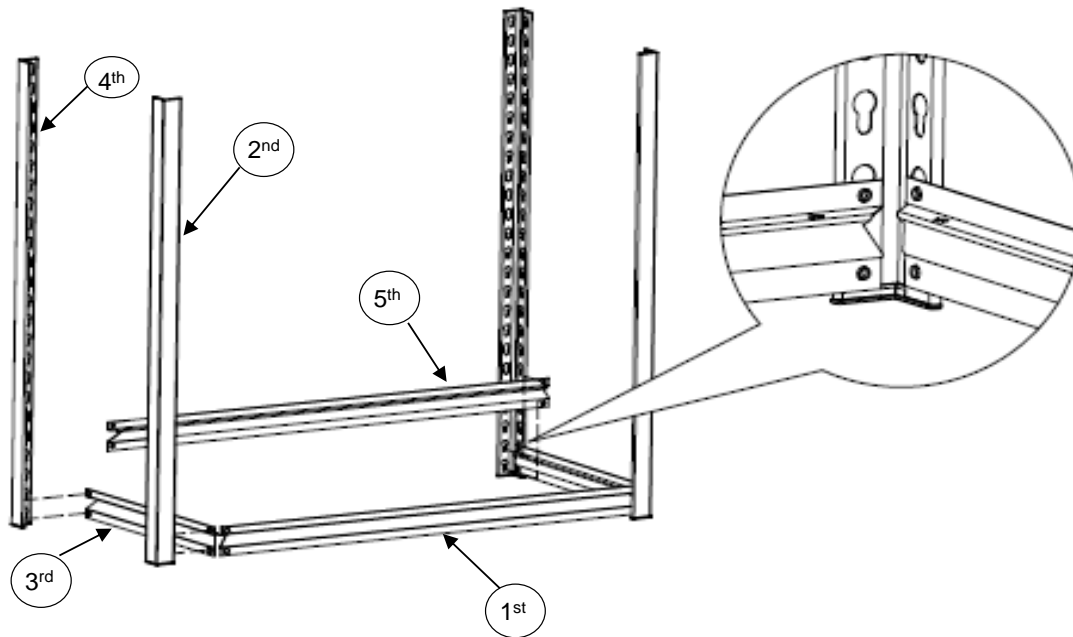
Item	Description	Qty.
1	Angled Posts	8
2	Long Z-Beams	10
3	Short Z-Beams	10
4	Shelves	5
5	Post End Caps	8
6	Post Inserts	4
7	Post Clips	2





**Step 1 - Bottom End Assembly**

Assemble the bottom end of the Heavy-duty Shelving Unit by inserting a short Z-beam (3) into the two bottom keyholes of the two angle posts (1). Install the Z-beam in an upright position. Verify that the rivets sit at the bottom of the keyhole by hitting the beam near the joint with a rubber mallet, and thus locking the pieces together.

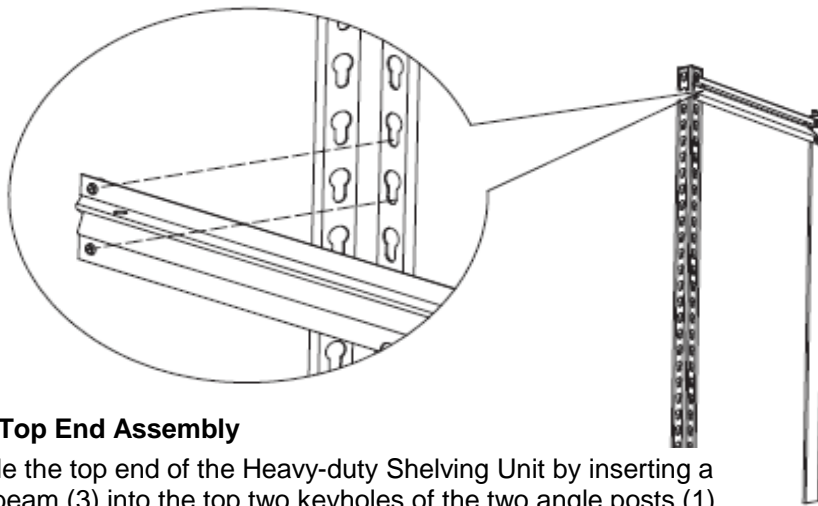


**Step 2 - Bottom Frame Assembly**

Assemble a long Z-beam (2) to the bottom two keyholes of the bottom end assembly. Verify that all Z-beams are assembled in the upright position. Hit the beam near the joint with a rubber mallet in order to lock the pieces together. Add an additional long Z-beam (2), two short Z-beams (3), and two angle posts (1) to the assembly.

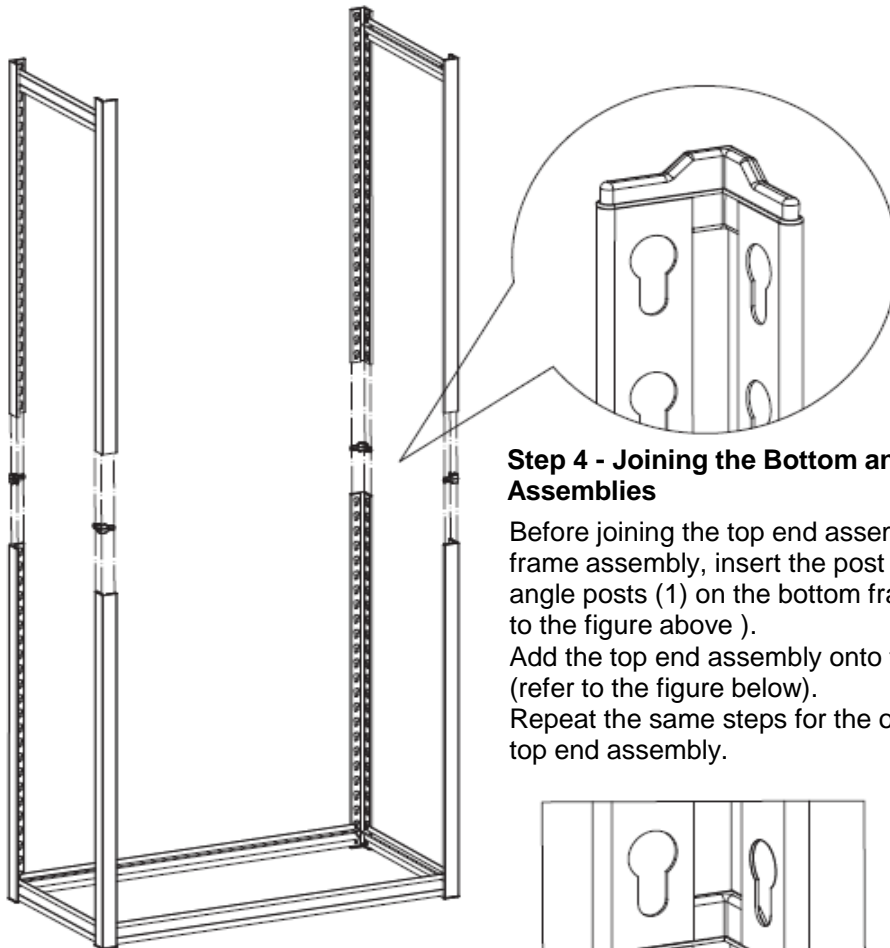
Assemble the bottom end and frame in the numbered order shown in the above figure.

Note: Hit the beams near the joints in order to lock the pieces in place.



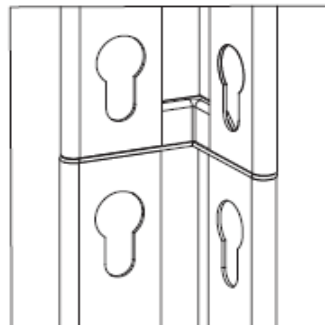
**Step 3 - Top End Assembly**

Assemble the top end of the Heavy-duty Shelving Unit by inserting a short Z-beam (3) into the top two keyholes of the two angle posts (1). Verify that the Z-beam is in the upright position. Hit the beam near the joints in order to lock the pieces together. Repeat this step in order to assemble the opposite side of the top end assembly.



**Step 4 - Joining the Bottom and Top End Assemblies**

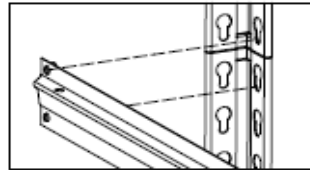
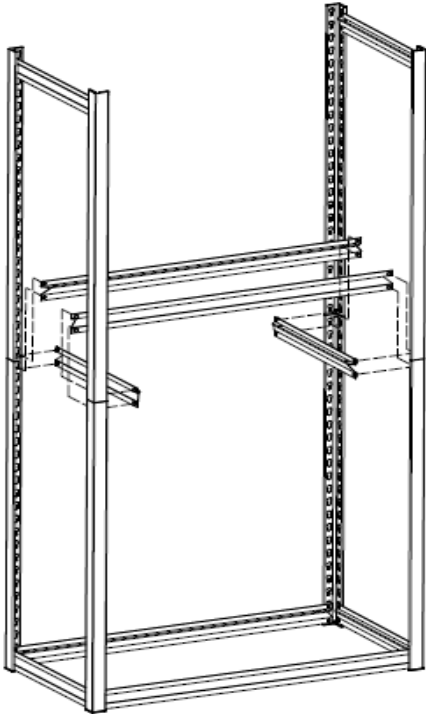
Before joining the top end assembly to the bottom frame assembly, insert the post inserts (6) into the angle posts (1) on the bottom frame assembly (refer to the figure above ). Add the top end assembly onto the post insert (6) (refer to the figure below). Repeat the same steps for the opposite side of the top end assembly.



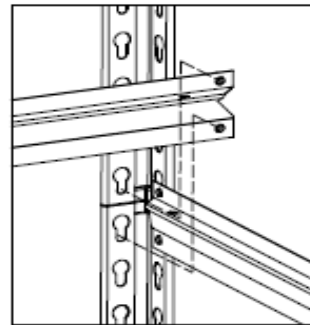
## REINFORCING THE MID AND TOP SECTIONS

### Step 5 - Reinforcing the Mid Section

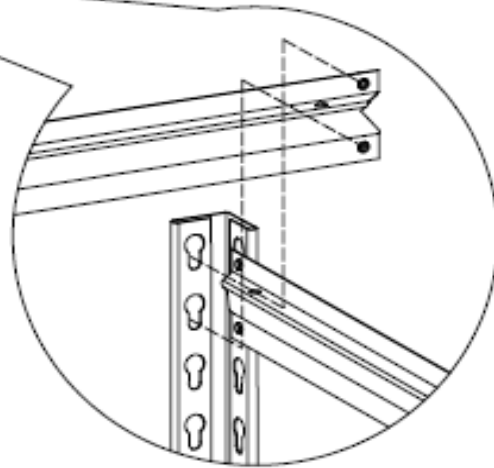
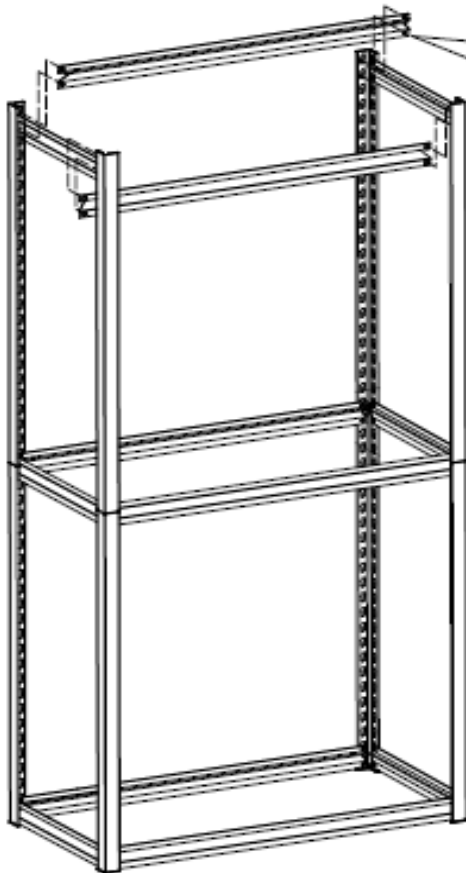
Add a short Z-beam (3) to the mid section at the joint, as shown in the figure below. Insert the top rivet of the Z-beam into the bottom keyhole of the top end assembly. Insert the bottom rivet of the Z-beam into the top keyhole of the bottom frame assembly. Install all Z-beams in the upright position.



With the rivets placed in the keyholes, hit the beam near the joints in order to lock the pieces together.



Repeat these steps in order to add an additional short Z-beam (3) and two long Z-beams (2).

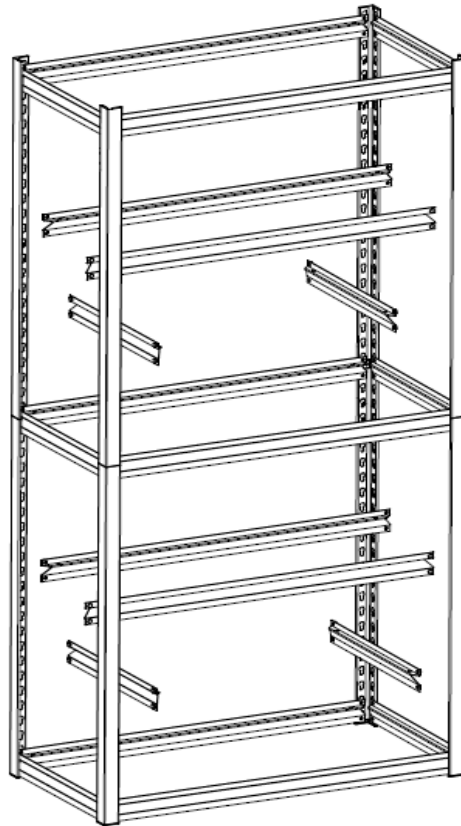
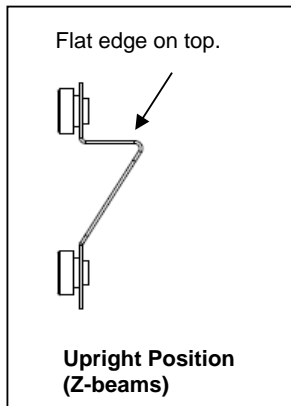


### Step 6 - Reinforcing the Top Section

Add two additional long Z-beams (2) to the top two keyholes of the angle posts (1). Install all Z-beams in the upright position. Verify that the rivets are in the keyholes before hitting the beams near the joints in order to lock the pieces together.

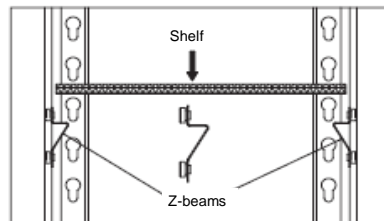
## Step 7- Shelves

Assemble the remaining short and long Z-beams to the desired location on the angle post in order to create two additional shelves. Verify that the Z-beams are installed in the upright position. Hit the beams near the joints in order to lock the pieces together.



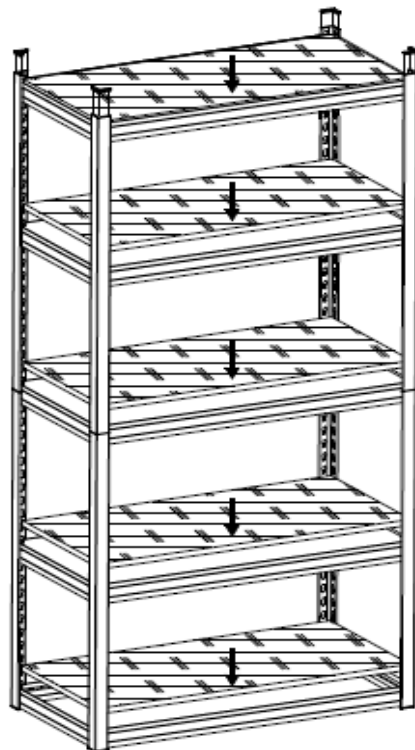
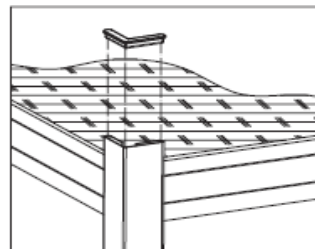
## Step 8- Shelf Decks

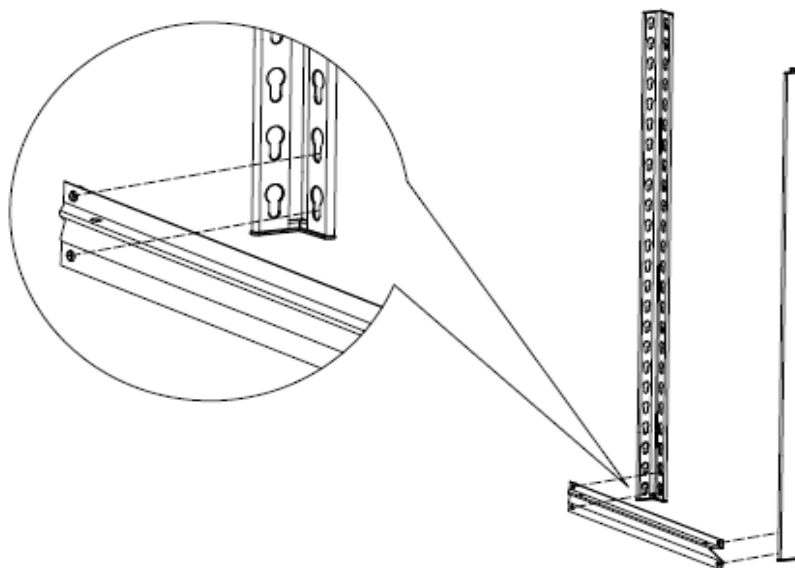
Lay the shelf in between the Z-beams (refer to the figure below). Verify the Z-beams are assembled in the upright position.



## Step 9- Post End Caps

Add the post end caps (5) to the top of the corner angle posts, as shown in the figure.



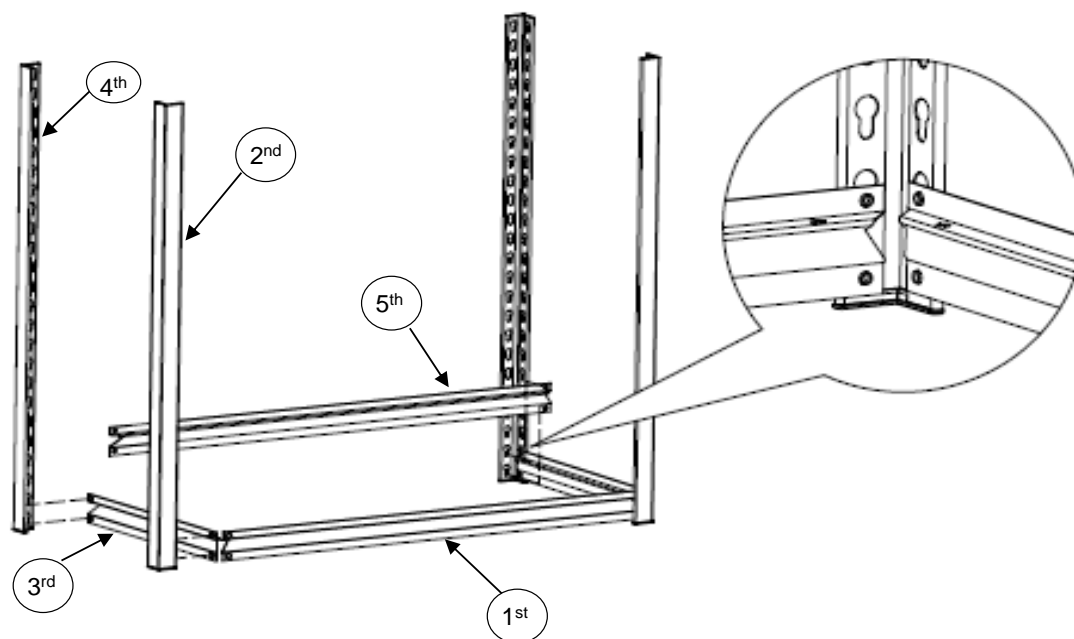


### Step 1 - End Assembly

Start the End Assembly by inserting a short Z-beam (3) into the two bottom keyholes of an angle post (1). Install the Z-beam in an upright position. (refer to the figure above)

Verify that the rivets sit at the bottom of the keyhole by hitting the beam near the joint with a rubber mallet, and thus locking the pieces together.

Repeat this step in order to add a second angle post, thus creating an End Assembly.

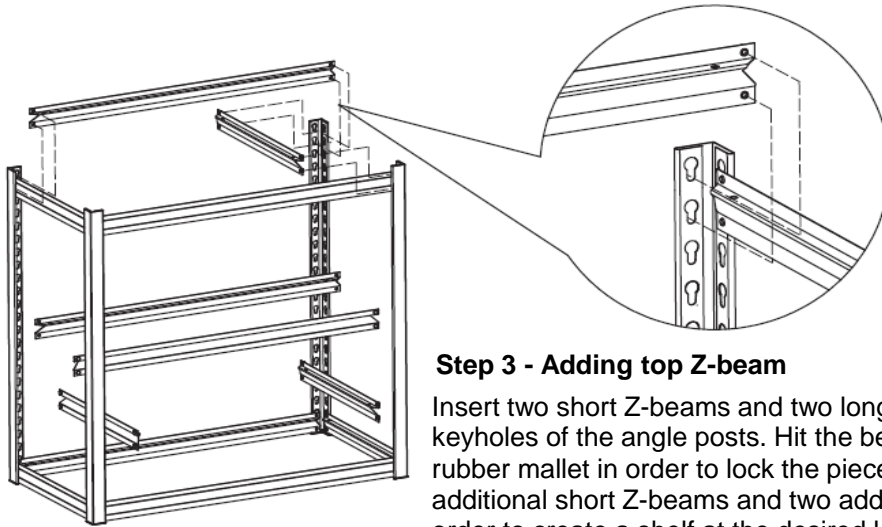


### Step 2 - Assembling the Primary Unit

Assemble a long Z-beam (2) to the bottom two keyholes of the End Assembly. Verify that all Z-beams are installed in the upright position. Hit the beam near the joint with a rubber mallet in order to lock the pieces together. Add an additional long Z-beam (2), two short Z-beams (3), and two angle posts (1) to the assembly.

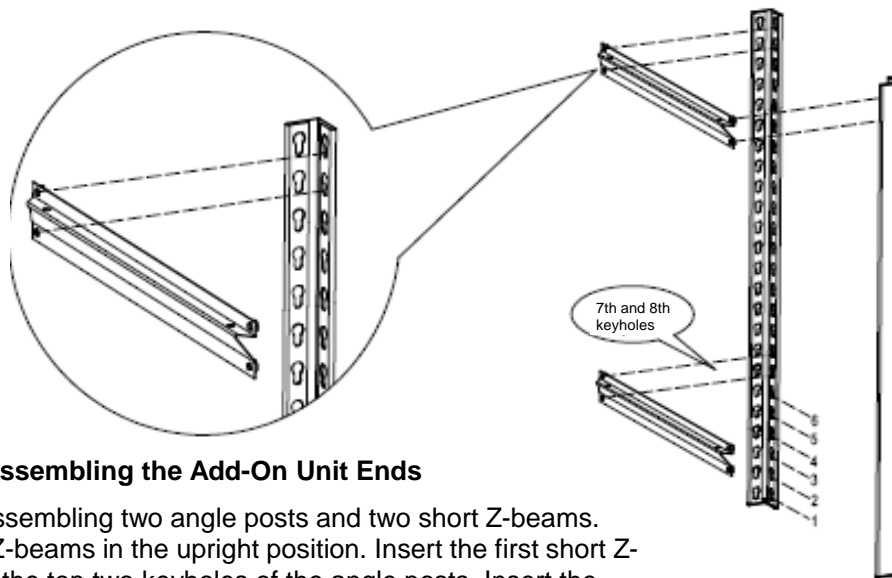
Assemble the primary unit in the numbered order shown in the above figure.

**Note: Hit the beams near the joints in order to lock the pieces in place.**



**Step 3 - Adding top Z-beam**

Insert two short Z-beams and two long Z-beams into the top keyholes of the angle posts. Hit the beams near the joints with a rubber mallet in order to lock the pieces together. Add two additional short Z-beams and two additional long Z-beams in order to create a shelf at the desired level. Verify that all Z-beams are installed in the upright position.

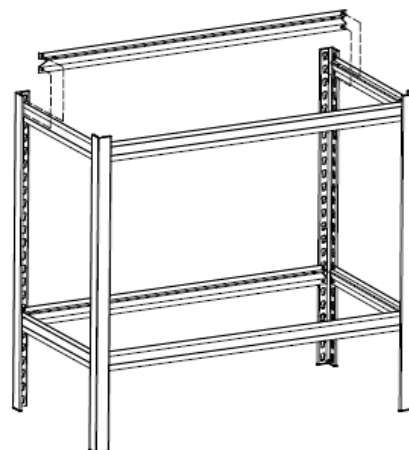


**Step 4 - Assembling the Add-On Unit Ends**

Start by assembling two angle posts and two short Z-beams. Install all Z-beams in the upright position. Insert the first short Z-beam into the top two keyholes of the angle posts. Insert the second short Z-beam into the 7th and 8th keyholes from the bottom of the angle posts. Hit the beam near the joints with a rubber mallet in order to lock the pieces together. Repeat for the opposite end assembly.

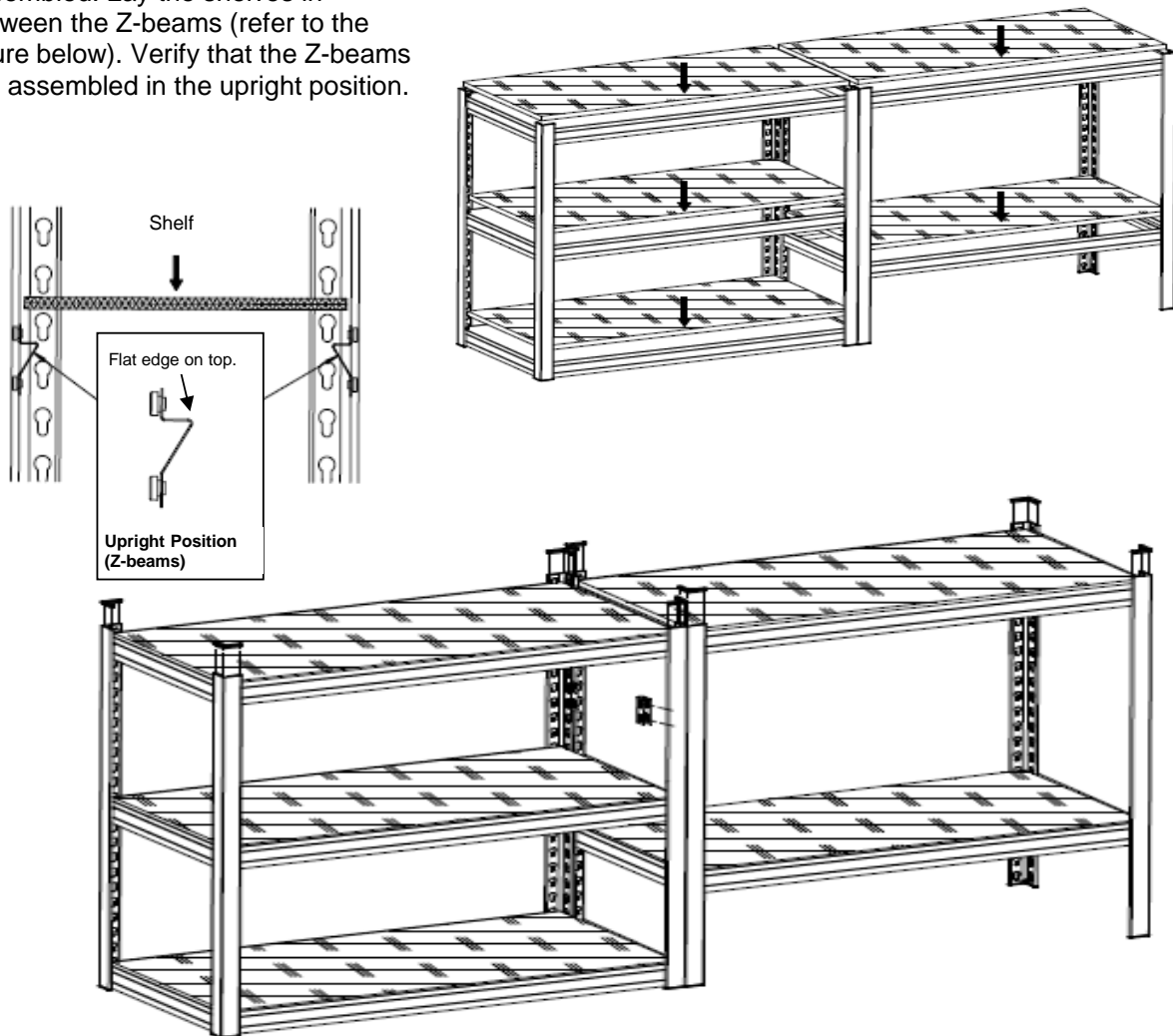
**Step 5 - Completing the Add-On Unit**

Complete the Add-On Unit by inserting two long Z-beams into the top keyholes of the angle posts. Insert two long Z-beams into the 7th and 8th keyholes from the bottom of the angle posts (refer to the figure). Install the Z-beams in the upright position. Hit the beams near the joint with a rubber mallet in order to lock the joints in place.



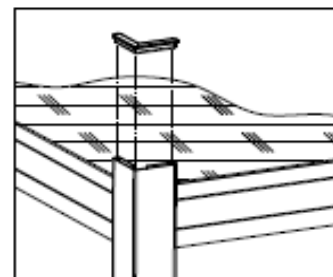
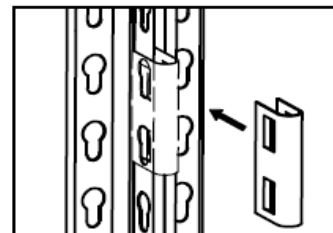
**Step 6 - Shelves**

At this step, both frames should be assembled. Lay the shelves in between the Z-beams (refer to the figure below). Verify that the Z-beams are assembled in the upright position.



**Step 7 - Joining the Frames (Optional Step)**

Align the four middle angle posts of the frames in order to secure the frames together (refer to the figure). Start with the two back middle angle posts. Align the indents on the Post Clips (7) with two of the keyholes in the back middle angle posts. Firmly clamp together one Post Clip with the two angle posts (refer to the figure to the right). Repeat this step in order to clamp the two front middle angle posts. Note: Use a screwdriver to remove the Post Clips.



**Step 8 - Post End Caps**

Add the post end caps to the top angle posts.