
CUSTOMIZABLE MODULAR SHELVING AND STORAGE

Contents

Safety & Care	02
Installation Precautions.....	02
Components.....	04
Common Assembly Steps.....	05
2 Shelf Module	09
4 Shelf Module	11
Slim 5 Shelf Module	13
Clothing Rack with Shelves	15
Door Installation	18
Hanger Installation	23
Panel Installation	24
Mesh Board Installation	26
Module Expansion and Separation.....	28
Configuration Options.....	29

Safety & Care

Read these precautions before assembly to ensure your safety and to prevent damage to the product.

- Wear gloves during assembly or disassembly.
- Do not press against protrusions or edges as doing so may cause injury.
- Do not apply excessive force to the product.
- Do not climb or hang on the product.
- Do not exceed the maximum load capacity of 250 lbs per shelf. Ensure that objects on shelves are evenly distributed to maintain balance.
- Use a soft, dry cloth to clean regularly. Wipe spills immediately and completely with a dry towel.
- Keep the product in a dry and well-ventilated place. Exposure to humidity over a long period may cause shelf boards to bend or twist.
- Do not keep the product in a high temperature environment or near heat sources.
- The warranty does not cover damage caused by misuse or negligence.

Installation Precautions

• Relocating furniture

Make sure support beams are secured to posts with support beam holders before attempting to lift and move furniture.

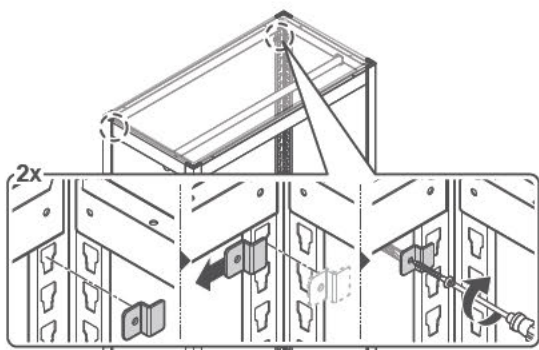
• Required tools

All necessary tools included in box. Installing certain parts may be difficult without the provided assembly hammer (included in the box).

• Securing the rack to the wall

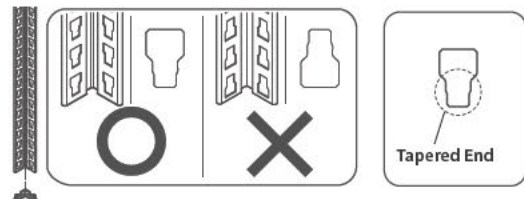
To prevent the rack from falling forward, secure it to the wall with the wall mounting brackets in each box.

Instructions: Insert the brackets into the post and secure with screws.



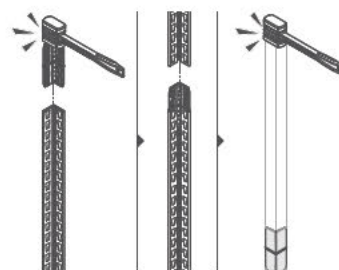
• Post Assembly

When standing posts up, make sure that the holes taper downwards to resemble the shape of a "T".



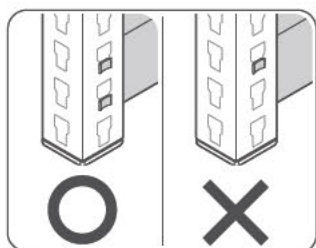
There are two different lengths of posts. The longer posts are used to construct the base of the furniture. The shorter posts are stacked on top of the longer ones.

If planning to stack an additional post to the current one, insert a post connector to the current post before installing any support beams.



• Support beam assembly

Support beams have 2 protruding tabs located on the back of each end. Make sure all tabs are flush against the post and securely pushed down into the narrower section of the post holes. Failure to do so may put stress on the beam and/or cause it to tilt.

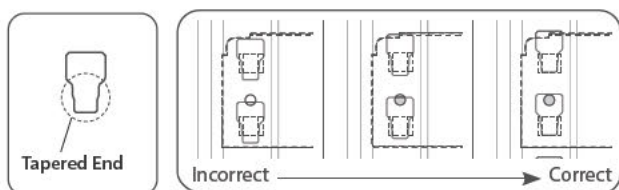


When connecting one end of a support beam, tightly hold its center with one hand to prevent it from bouncing.



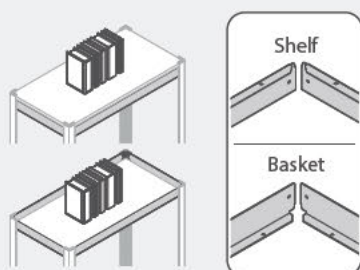
• Connection between post and support beam

The tabs on the back of support beams must be pushed down completely into and behind the tapered end of the post holes (shown below) to ensure all sides are leveled and secured.



Designer's Tip

Support beams can be installed in either direction, upward or downward, to create a shelf or a basket.

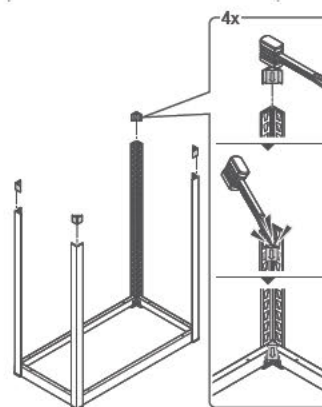


• Using support beam holders (SBH) to hold support beam against post

Support beam holders help stabilize the beams so that they stay in place for added support.

After attaching two support beams to a post, insert the SBH onto the top of the post. Use the assembly hammer to tap the SBH down until it is level with the top of the support beams.

- SBH cannot be inserted into a post's end if there is a safety cap already installed.
- If you find that a SBH is preventing a safety cap from being inserted completely, use the assembly hammer to tap the SBH down until there is sufficient room.
- **Designer Tip:** Utilize the backend of the hammer's handle to hit the SBH down.



Bottom Tier Assembly

Insert SBH on the bottom tier, before connecting the posts.



Make sure the arrow on the holder faces down.



Using the hammer handle, hammer SBH down.



Tap SBH with hammer until it sits next to the support beams.

Top Tier Assembly

Insert SBH on the top tier, before installing safety caps.



Make sure the arrow on the holder faces down.



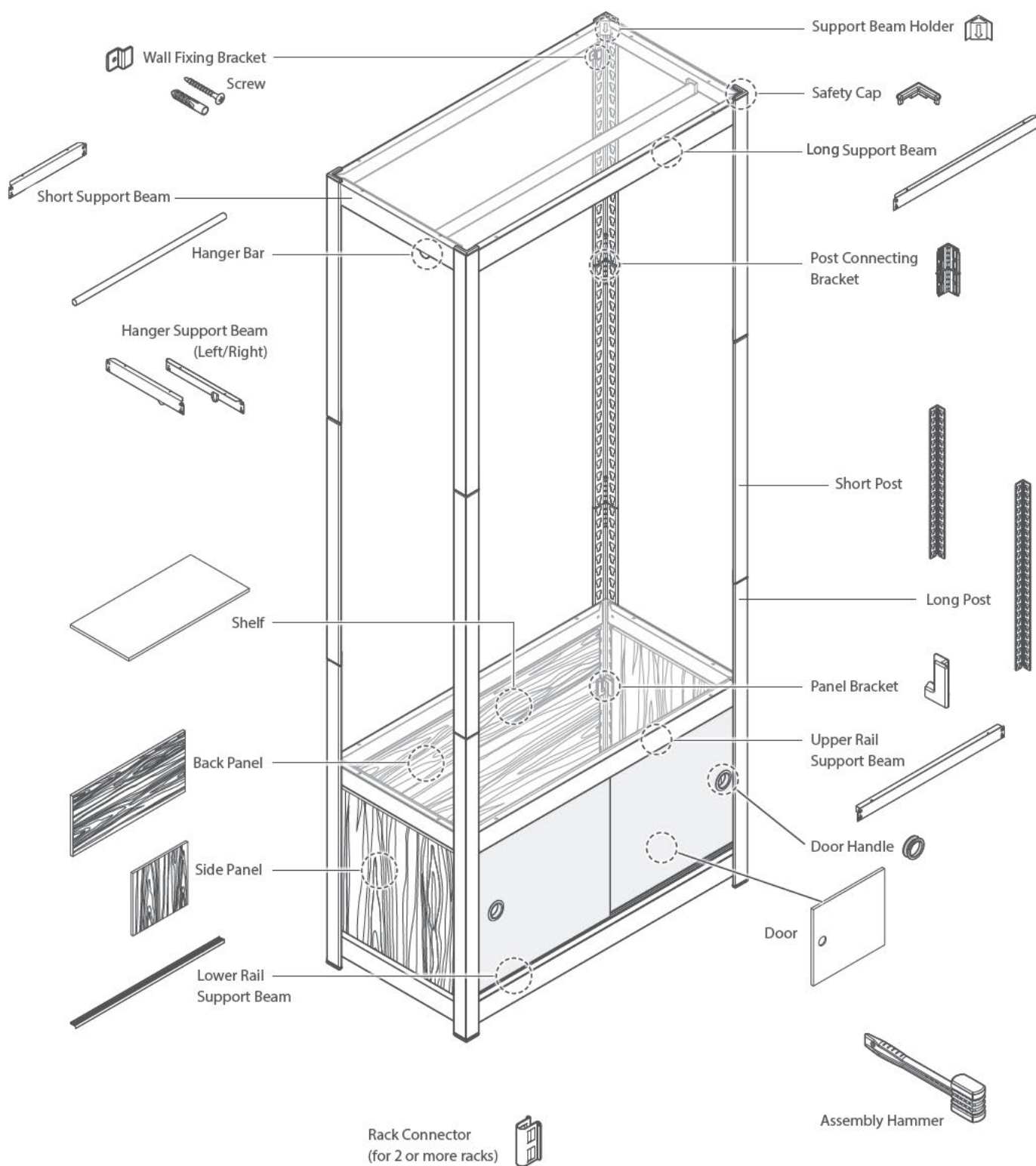
Using the hammer handle, hammer SBH down.



Tap SBH with hammer until it sits next to the support beams.

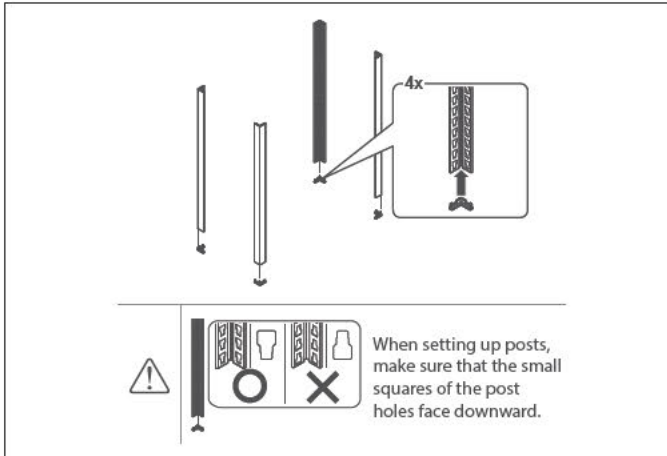
Repeat on all 4 sides.

Components



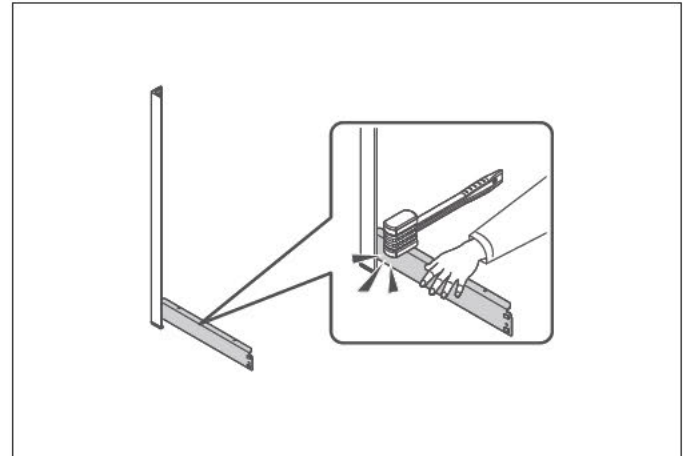
Common Assembly Steps

Review of Important assembly steps that apply to all Kepsul modules.



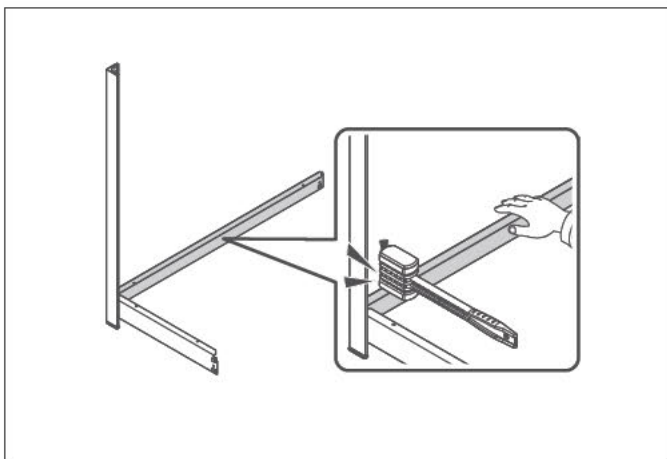
Step 1: Inserting rubber safety caps

- Insert rubber safety caps into bottoms of each post. The correct orientation of the post is when the post holes taper downwards to resemble the shape of a "T".



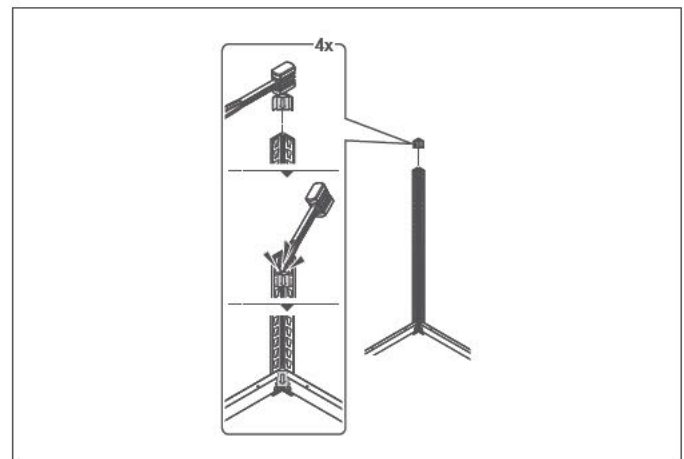
Step 2: Connecting first support beam to post

- Align support beam to post holes and push both tabs flush against the post and down the narrow section of the holes. See [page 3](#) for more details on connecting the beam to post.
- Designer Tip:** To create a basket shelf, flip all four support beams so that they resemble the shape of an "L".



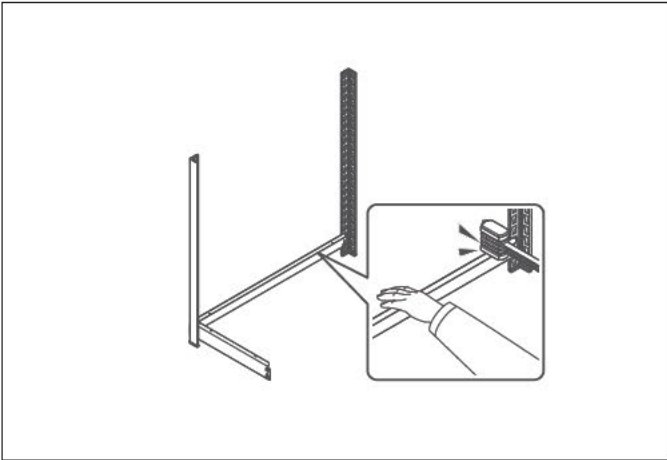
Step 3: Connecting second support beam to post

- If your module utilizes both the long and short support beams, it is recommended to attach the shorter support beam to the post first because it is lighter and easier to maneuver.
- Designer Tip:** To create a basket shelf, flip all four support beams so that they resemble the shape of an "L".



Step 3.5: Inserting first support beam holder

- Insert support beam holder through the open top of the post and hammer the piece down until it is wedged between the ends of two support beams.
- An arrow is etched onto the face of the pieces that indicates the direction in which the support beam should be inserted.
- Designer Tip:** Using the backend of the hammer's handle allows you to hammer pieces in tight spaces that may otherwise be difficult to reach with the hammer's face.



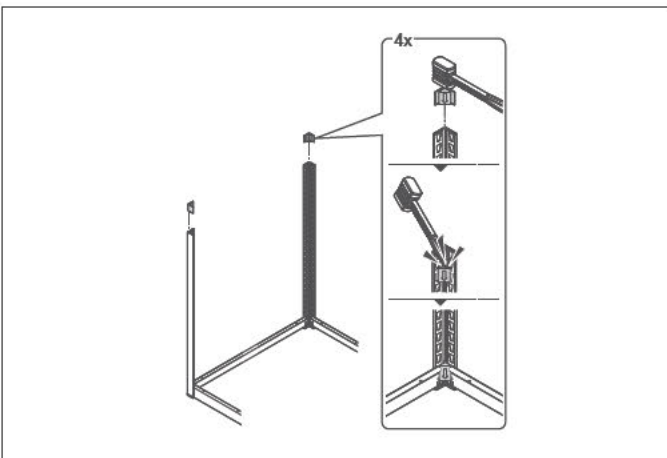
Step 4: Connecting second post to support beam

- Connect the second post to the support beam.
- For a flat shelf, make sure that the ends of all four support beams are attached to their respective posts at the **same hole level**. It is common for the support beams, especially the longer one, to be misaligned due to one beam end being higher or lower than the opposite end.



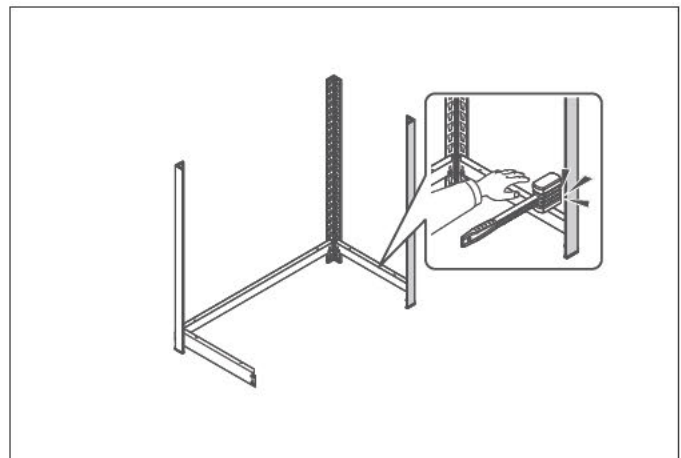
Step 5: Connecting third support beam to post

- Repeat Step 3.



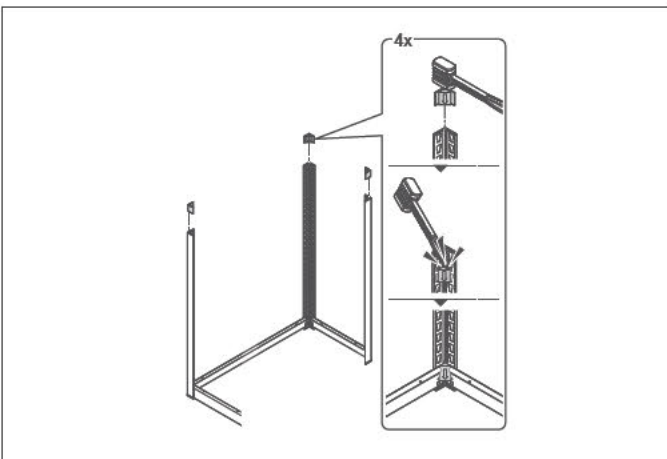
Step 5.5: Inserting second support beam holder

- Repeat Step 3.5.



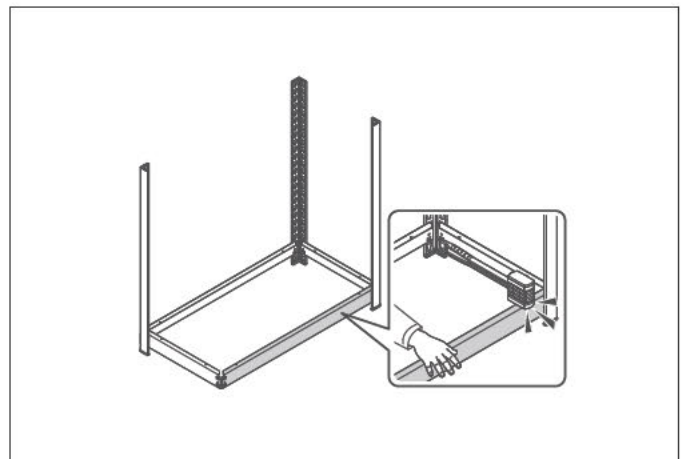
Step 6: Connecting third post to support beam

- Repeat Step 4.



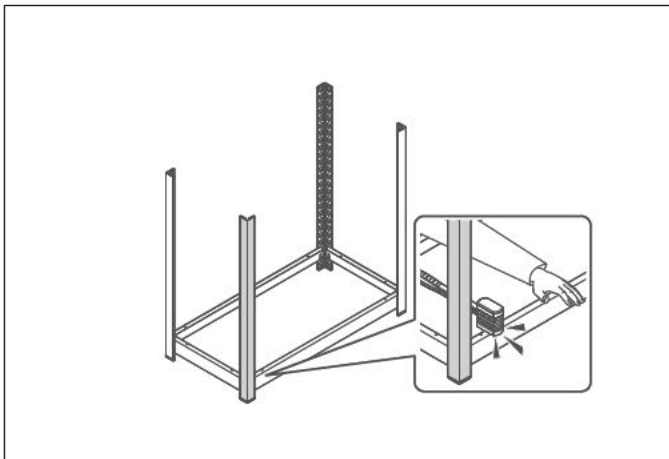
Step 6.5: Inserting third support beam holder

- Repeat Step 3.5.

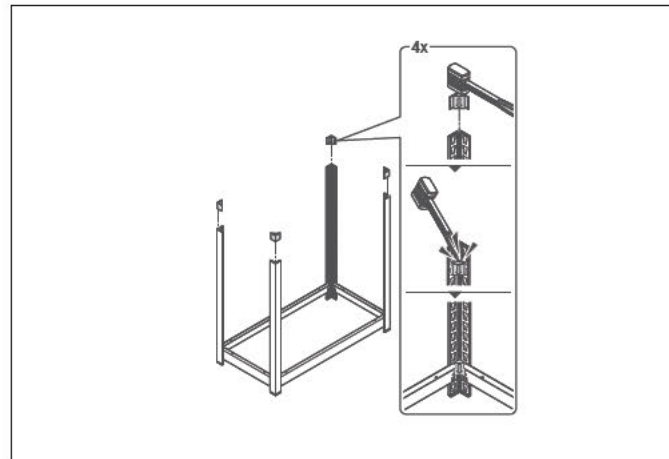


Step 7: Connecting last support beam to post

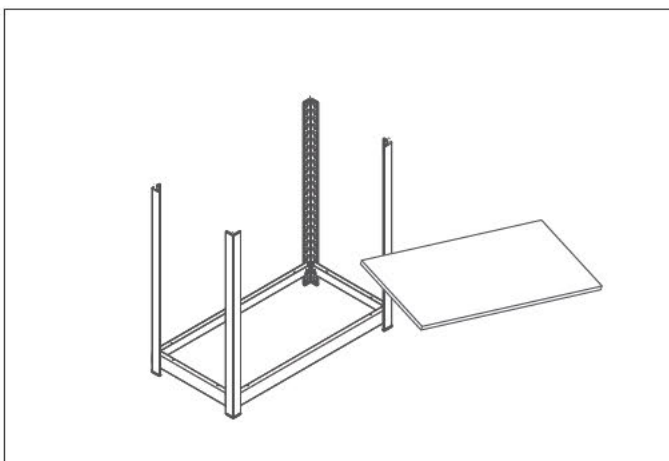
- Repeat Step 3.

**Step 8: Connecting last post to support beam**

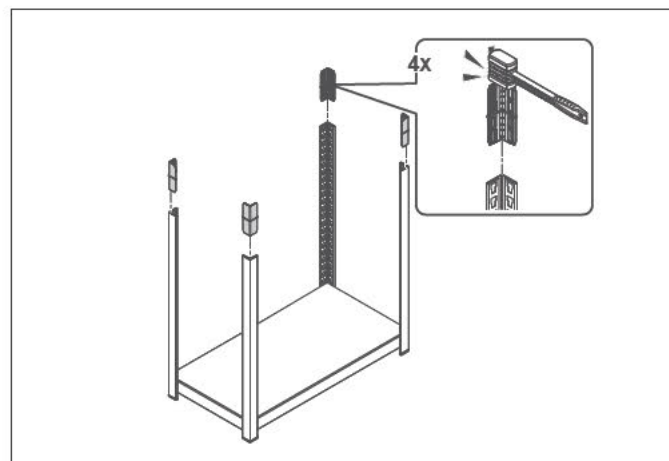
- Repeat Step 4.

**Step 8.5: Inserting last support beam holder**

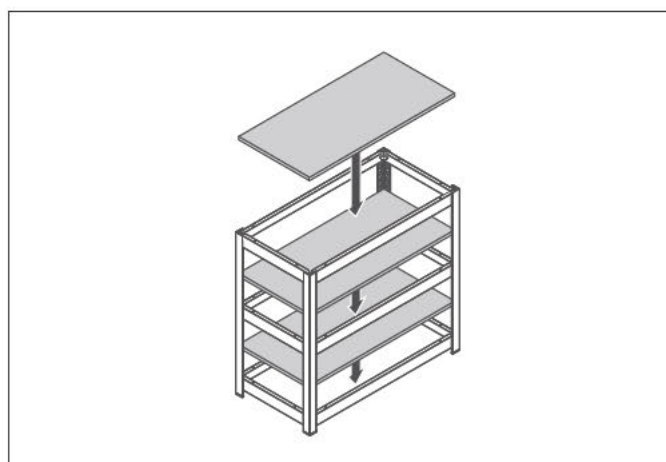
- Repeat Step 3.5.

**Step 9: Adding shelf plank**

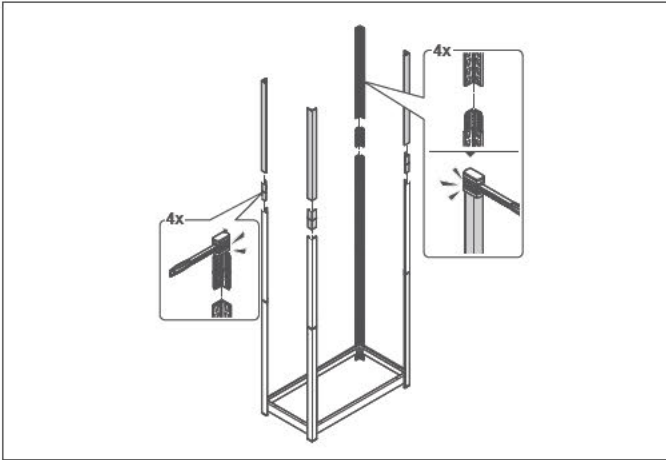
- Add shelf plank to increase the stability of the foundation.
- If the shelf plank is not flat and flush against the surface of all four support beams, check to see if there are any support beam holders protruding above the beams or any misaligned/loose support beams.

**Step 10: Inserting post-connectors**

- *Skip to STEP 12 if building a 2 SHELF MODULE.*
- Insert post-connectors into the open top of each post.
- If the post-connectors don't go in, check to see if there are any support beams attached to the two topmost post holes. The tabs on the back of the beams may be obstructing the path of the post-connector.

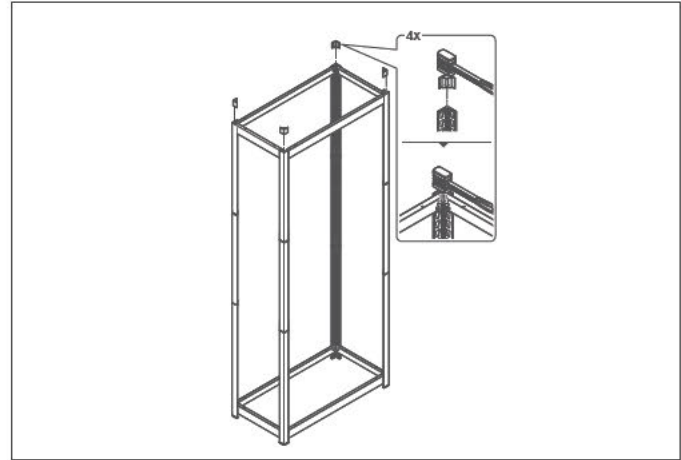
**Step 11.5: Installing multiple shelves**

- If planning to assemble a multi-tiered KEPSUUL unit, install any necessary support beams with wooden planks before proceeding to stack multiple posts.



Step 11: Stacking additional posts

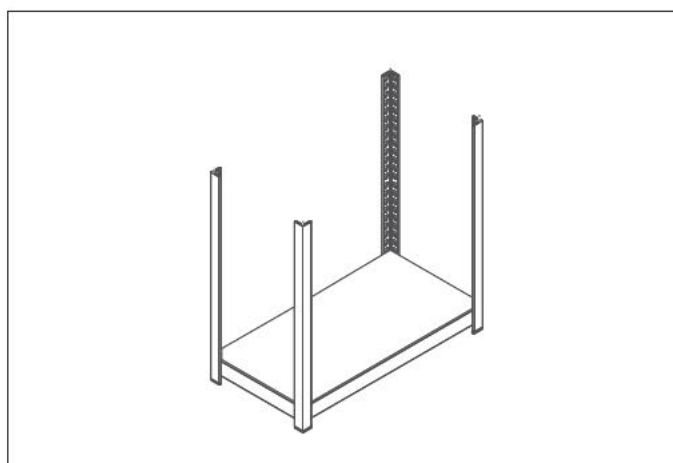
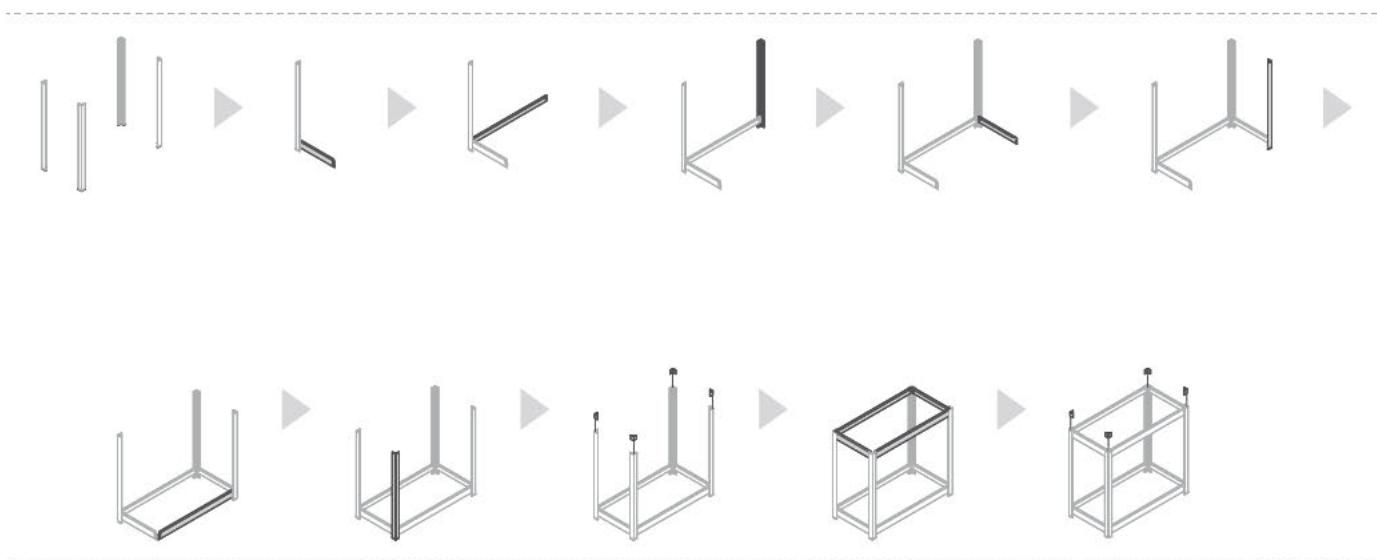
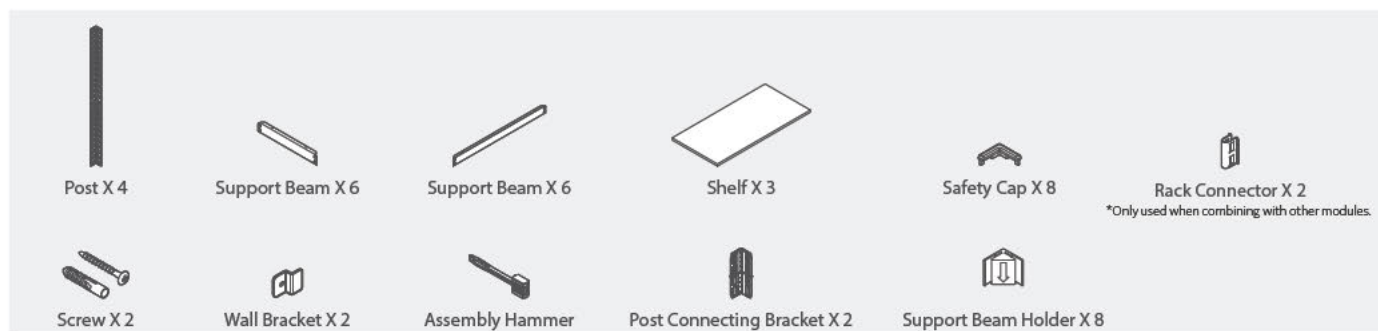
- Slide all four posts over the the post connectors. The post holes should be orientated to taper down to resemble the shape of a "T".



Step 12: Final support beam tier

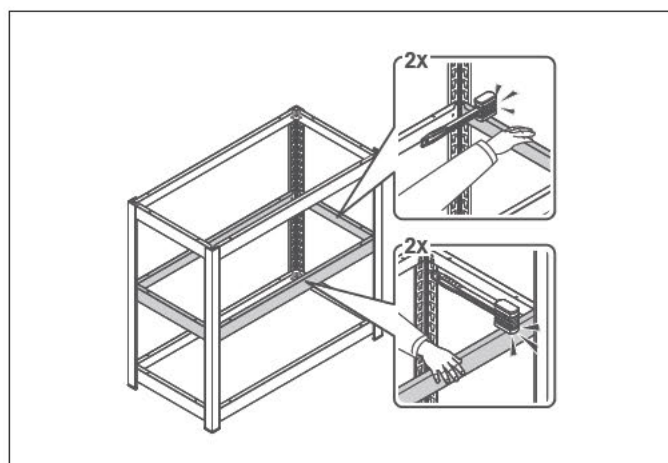
- After installing all preferred shelves and the top-most four support beams, insert the four remaining support beam holders to maximize the stability throughout the structure.
- Insert rubber safety caps into the open tops of each post **before placing the final shelf plank**.
- Keep in mind that support beam holders may be preventing a safety cap from being inserted completely. In that case, simply use the assembly hammer to gently tap the SBH down until there is adequate space.

2 SHELF MODULE



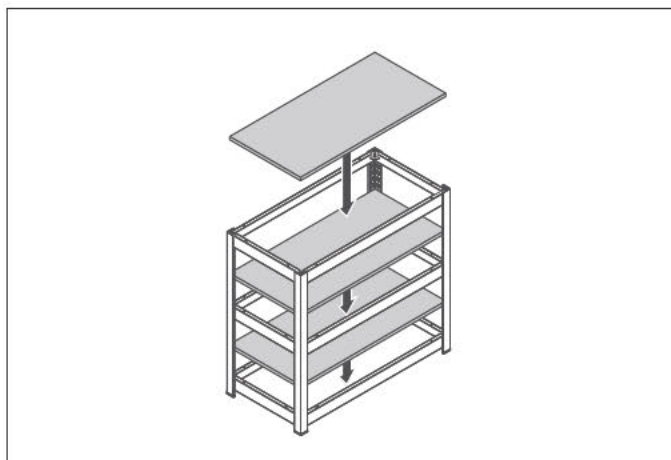
Step 1: Install base tier

- Follow up to **STEP 09** on pg. 07 before continuing on this page.



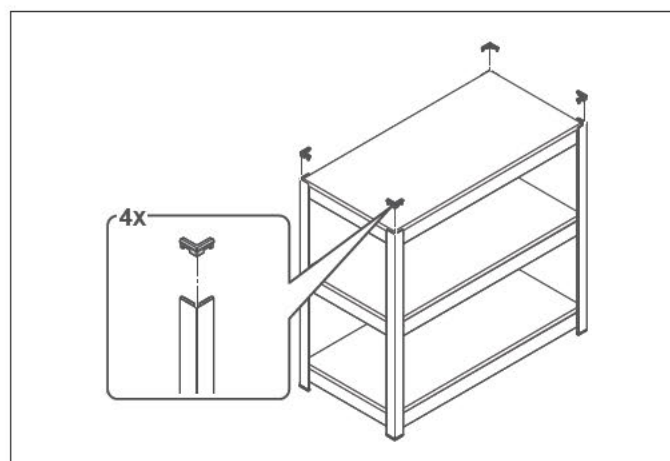
Step 2: Adding needed support beam tiers

- Install as many support beam shelving tiers as needed.
- Designer Tip:** To create a basket shelf, flip all four support beams so that they resemble the shape of an "L".



Step 3: Adding shelf plank

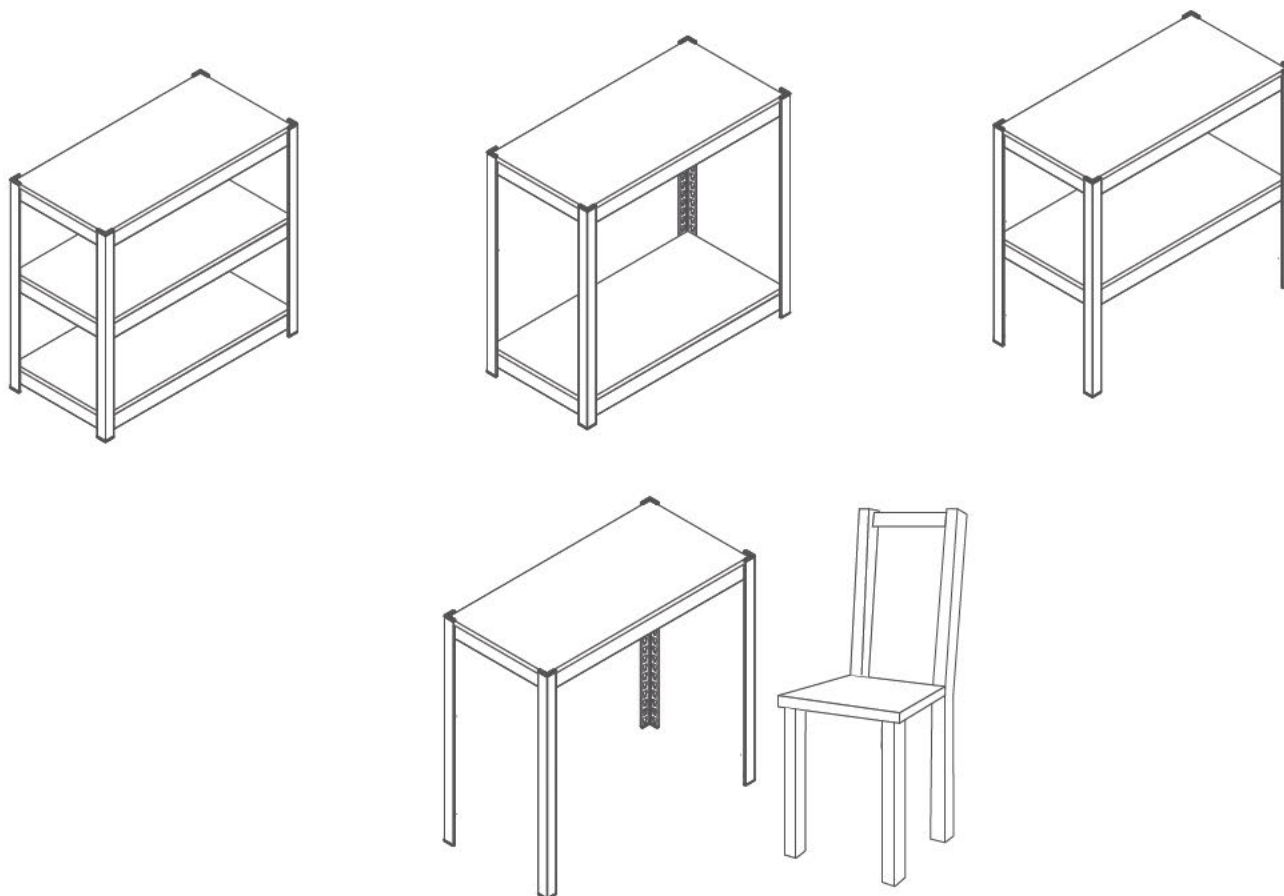
- Add shelf planks to corresponding support beam shelf tiers.



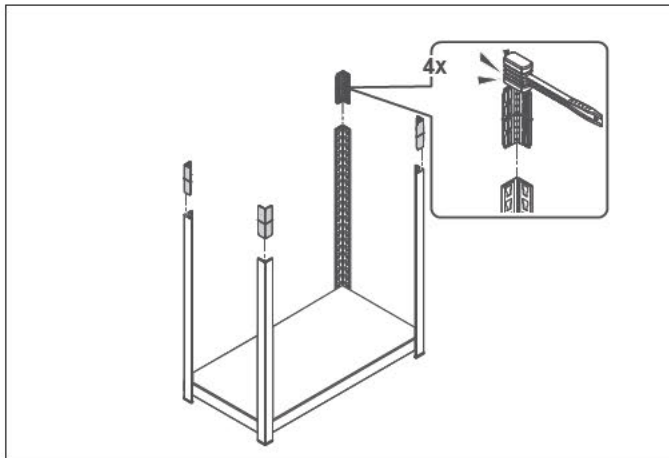
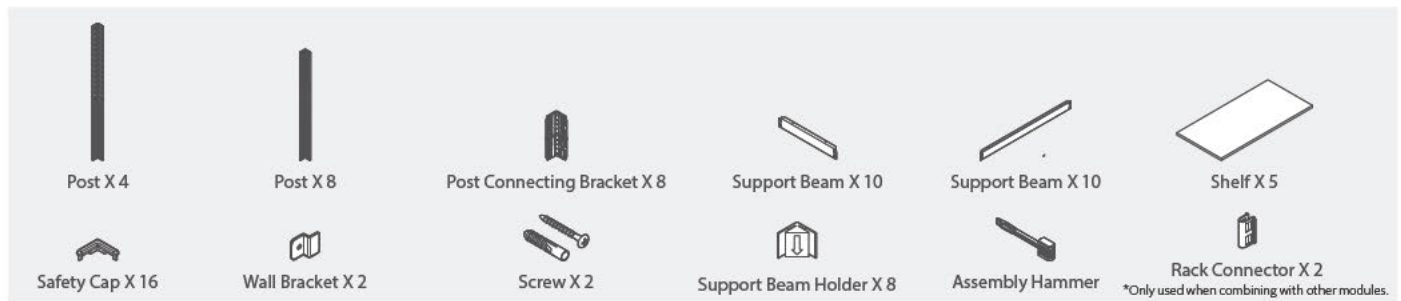
Step 4: Inserting top rubber safety caps

- Insert rubber safety caps into the open tops of each post.
- Keep in mind that support beam holders may be preventing a safety cap from being inserted completely. In that case, simply use the assembly hammer to gently tap the SBH down until there is adequate space.

2 SHELF MODULE CONFIGURATION EXAMPLES

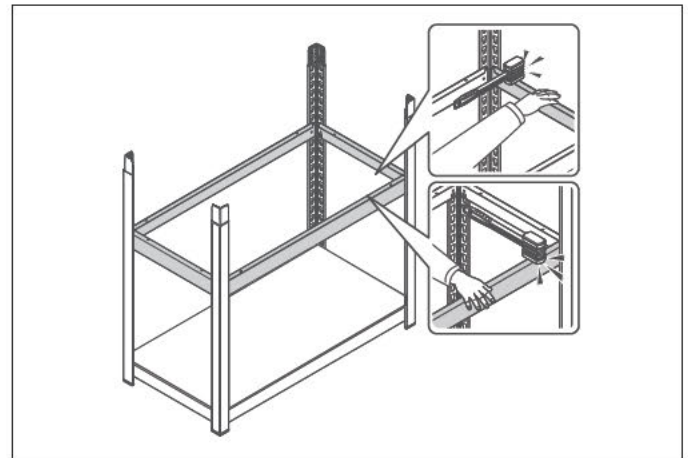


4 SHELF MODULE



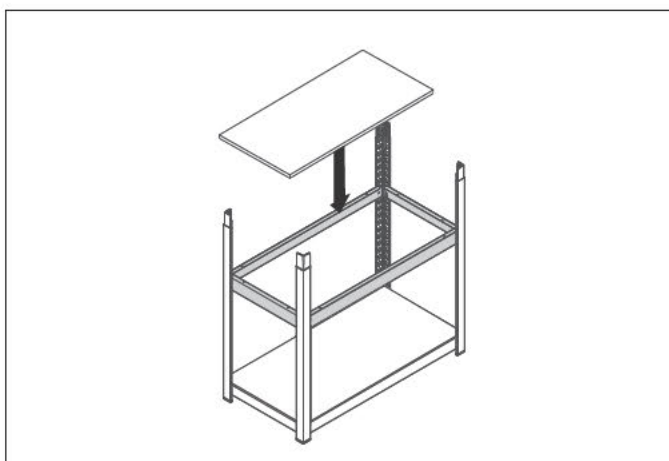
Step 1: Install base tier

- Follow up to **STEP 10** on pg. 07 before continuing on this page.



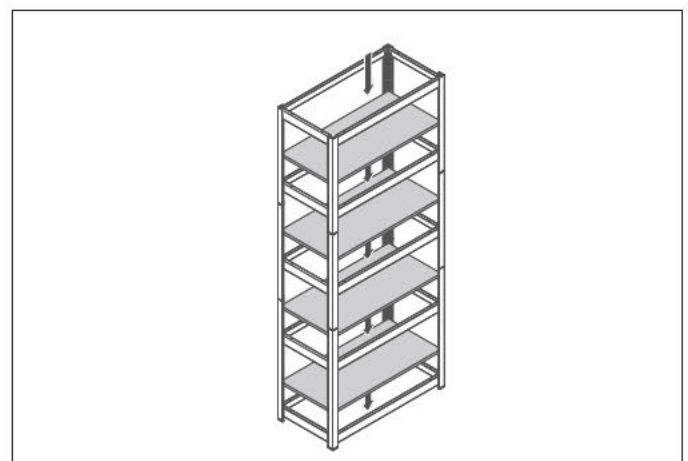
Step 2: Adding second support beam tier

- Add second support beam tier the same way the base support beam tier was installed.
- When assembling a multi-tiered KEPSUUL, install any necessary support beams before proceeding to stack multiple posts.
- Designer Tip:** To create a basket shelf, flip all four support beams so that they resemble the shape of an "L".



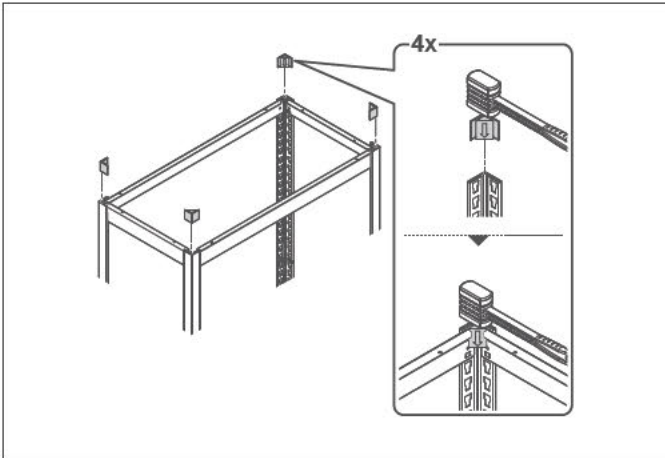
Step 3: Adding shelf plank

- When assembling a multi-tiered unit, add wood planks right after installing each support beam tier before proceeding to add more tiers to increase the stability of the foundation.
- If the shelf plank is not flat and flush against the surface of all four support beams, check to see if there are any support beam holders protruding, misaligned, or loose above the beams.



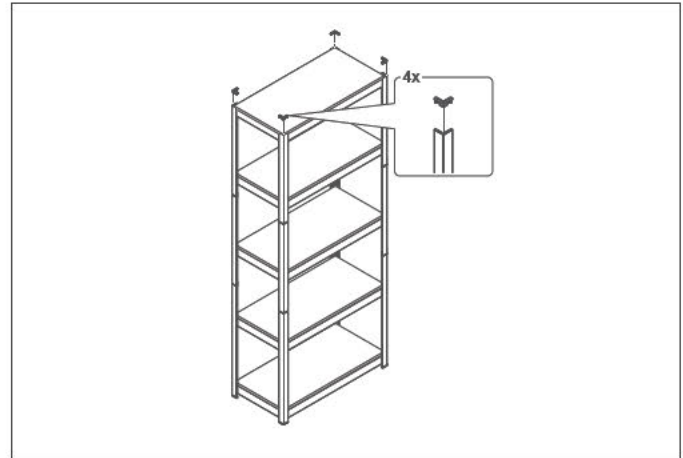
Step 4: Adding necessary support beams/wood planks

- Add remaining support beams along with wood planks based on the module's needs.
- Support beam usage and placement depends on desired configuration.*



Step 5: Installing final support beam holders

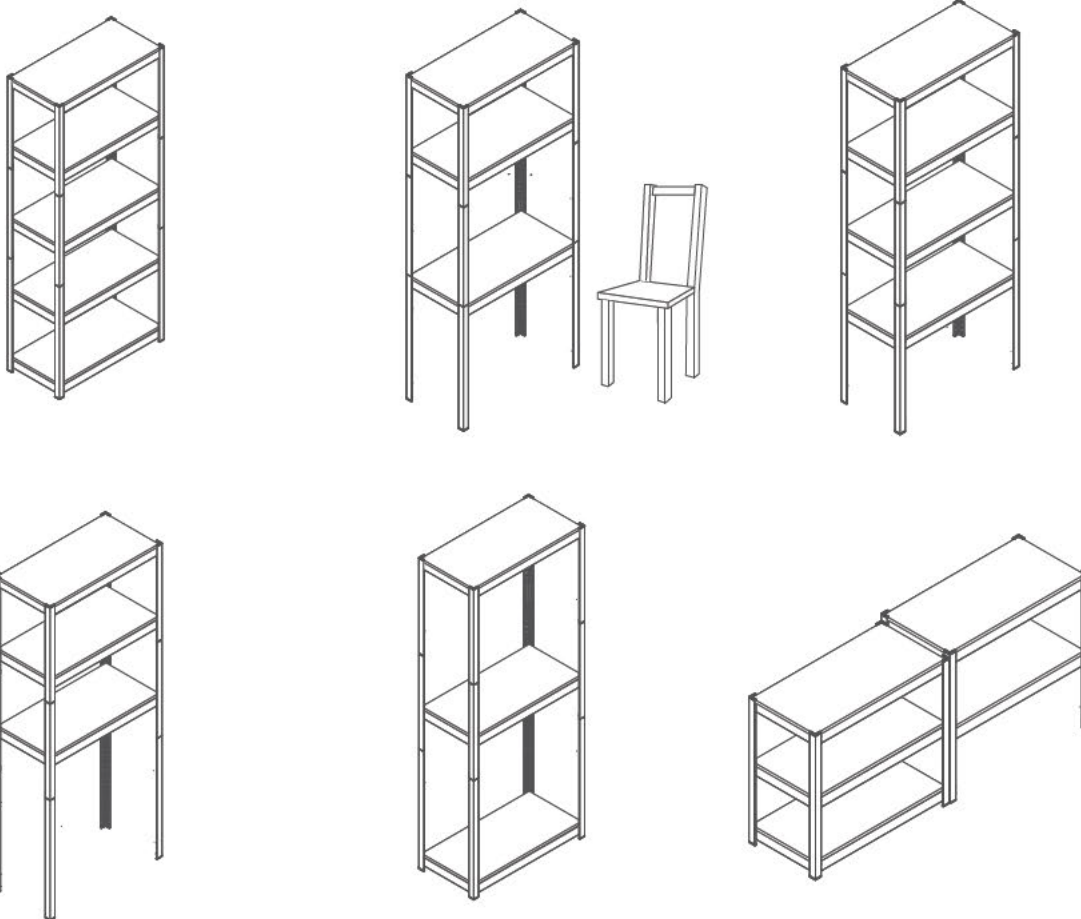
- After installing all preferred shelves and the top-most four support beams, insert the four remaining support beam holders to maximize the stability throughout the structure.
- Designer Tip:** Utilize the backend of the hammer's handle to hit the SBH down.



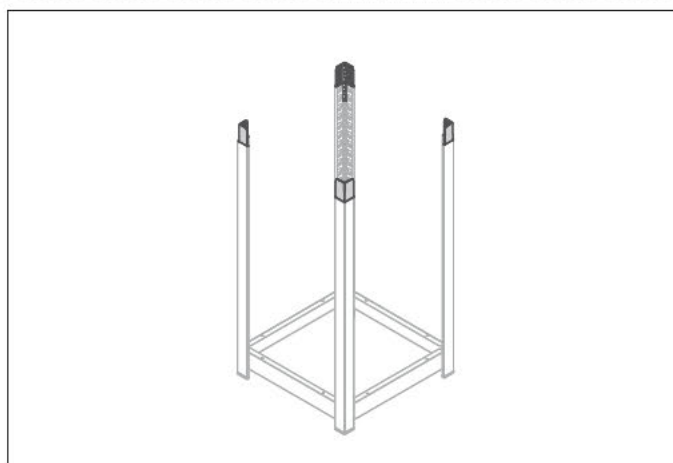
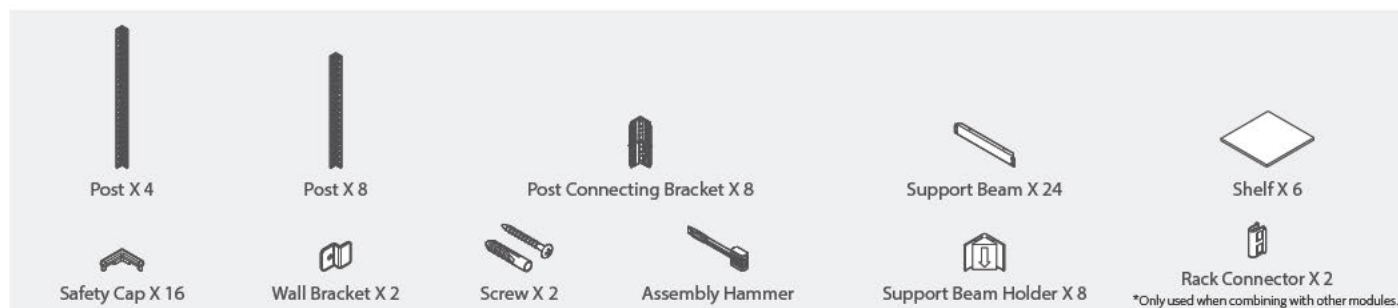
Step 4: Inserting top rubber safety caps

- Insert rubber safety caps into the open tops of each post.
- Keep in mind that support beam holders may be preventing a safety cap from being inserted completely. In that case, simply use the assembly hammer to gently tap the SBH down until there is adequate space.

4 SHELF MODULE CONFIGURATION EXAMPLES

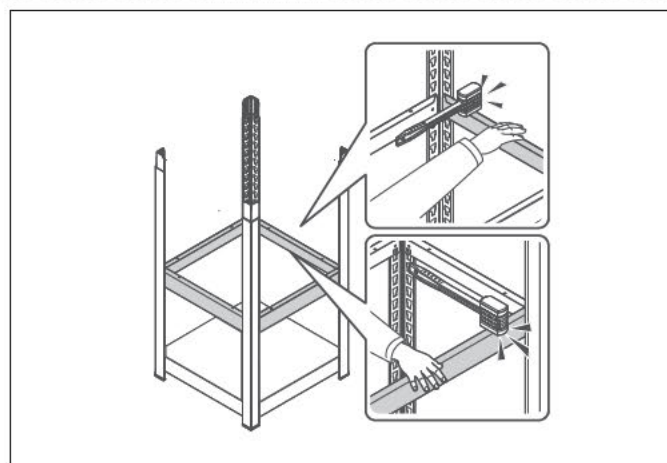


SLIM 5 SHELF MODULE



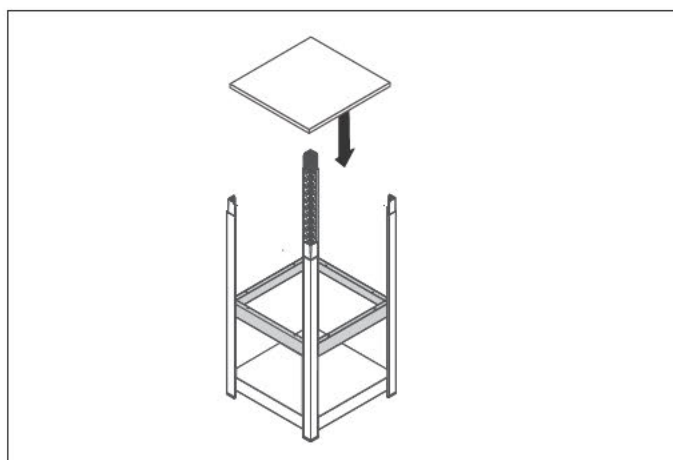
Step 1: Install base tier

- Follow up to **STEP 10** on pg. 07 before continuing on this page.



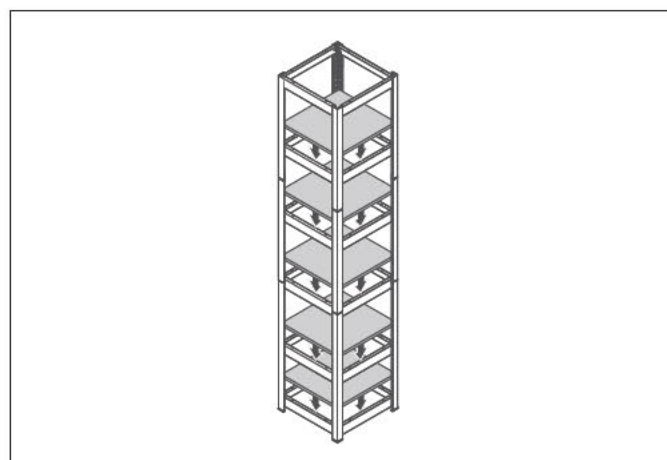
Step 2: Adding second support beam tier

- Add second support beam tier the same way the base support beam tier was installed.
- When assembling a multi-tiered KEPSUUL, install any necessary support beams before proceeding to stack multiple posts.
- Designer Tip:** To create a basket shelf, flip all four support beams so that they resemble the shape of an "L".



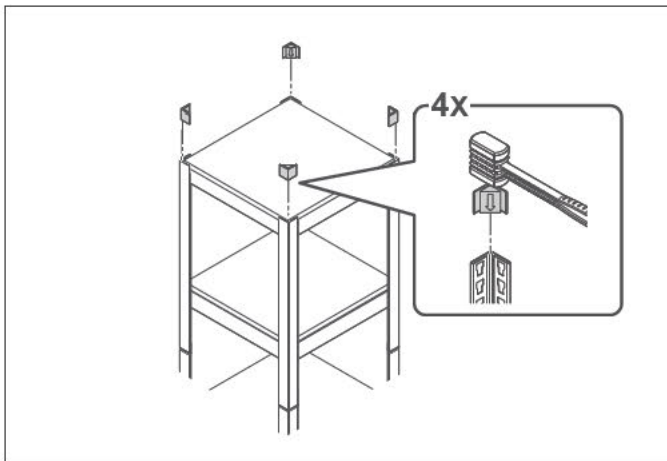
Step 3: Adding shelf plank

- When assembling a multi-tiered unit, add wood planks right after installing each support beam tier before proceeding to add more tiers in order to increase stability.
- If the shelf plank is not flat and flush against the surface of all four support beams, check to see if there are any support beam holders protruding, misaligned, or loose above the beams.



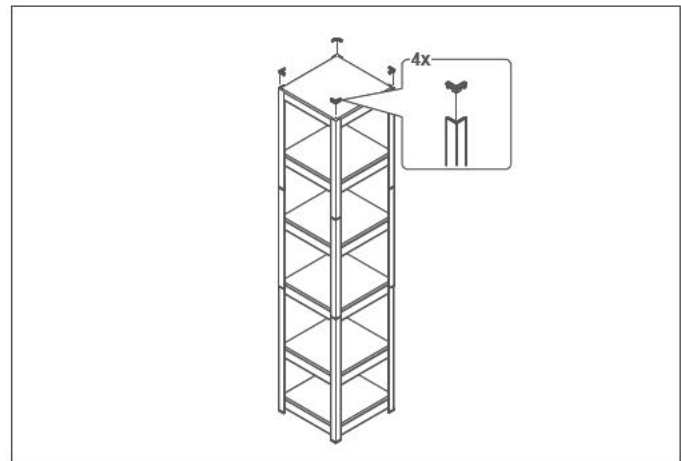
Step 4: Adding necessary support beams/wood planks

- Add remaining support beams along with wood planks based on the module's needs.
- Support beam usage and placement depends on desired configuration.*



Step 5: Installing final support beam holders

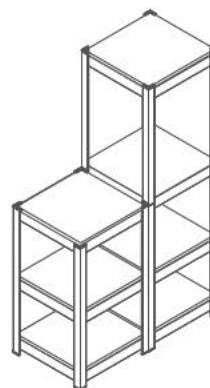
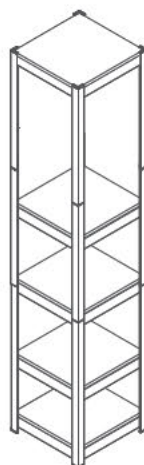
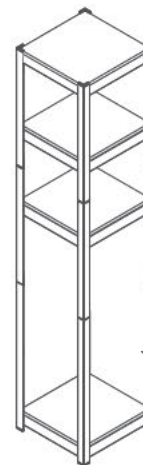
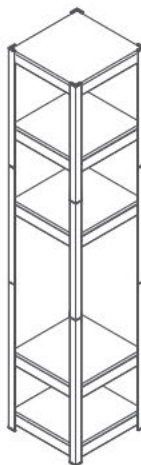
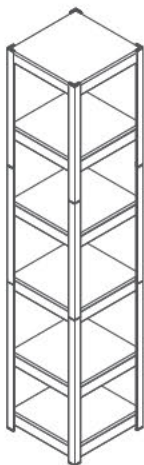
- After installing all preferred shelves and the top-most four support beams, insert the four remaining support beam holders to maximize the stability throughout the structure.
- **Designer Tip:** Utilize the backend of the hammer's handle to hit the SBH down.



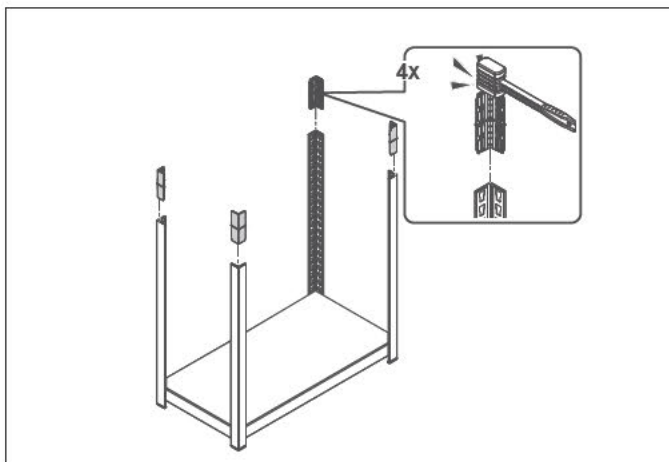
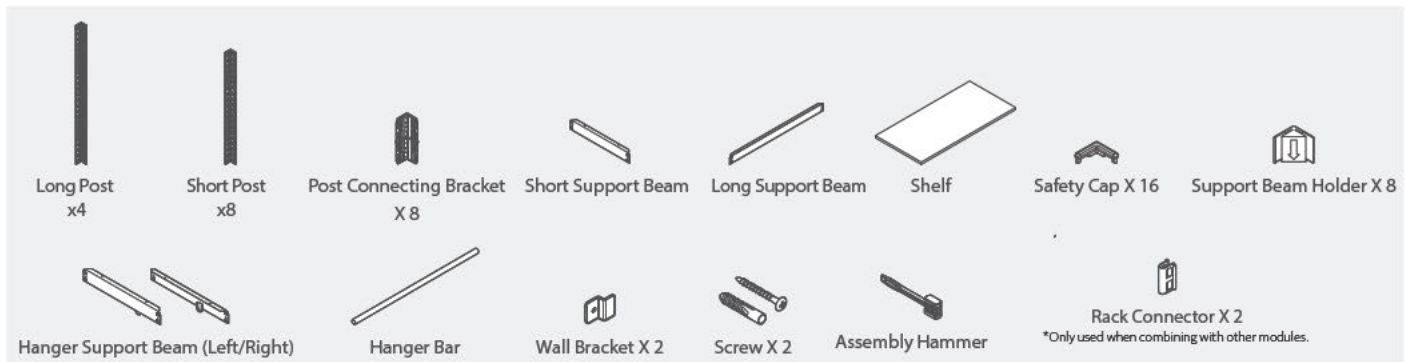
Step 4: Inserting top rubber safety caps

- Insert rubber safety caps into the open tops of each post.
- Keep in mind that support beam holders may be preventing a safety cap from being inserted completely. In that case, simply use the assembly hammer to gently tap the SBH down until there is adequate space.

SLIM 5 MODULE CONFIGURATION EXAMPLES

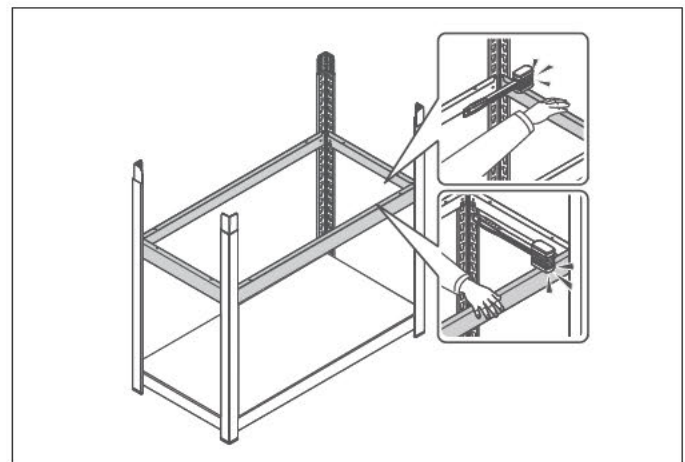


CLOTHING RACK WITH SHELVES



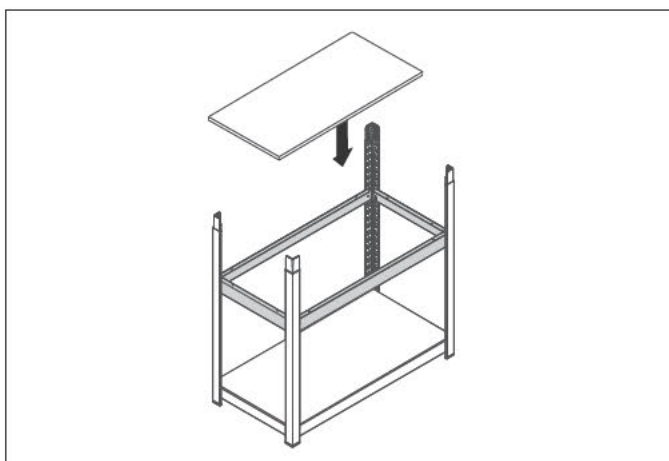
Step 1: Install base tier

- Follow up to **STEP 10** on pg. 07 before continuing on this page.



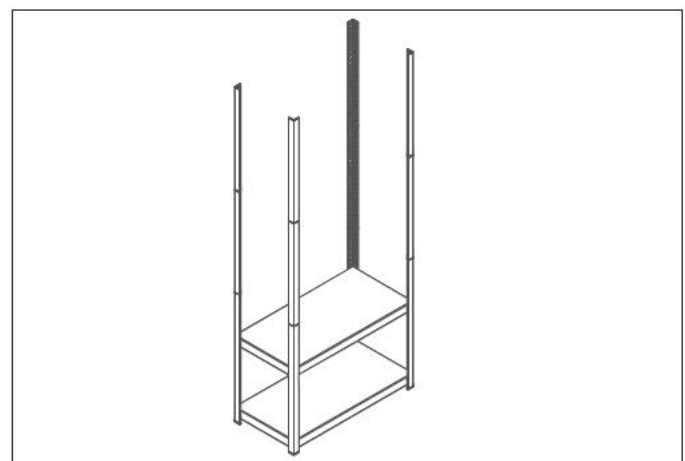
Step 2: Adding second support beam tier

- Add second support beam tier the same way the base support beam tier was installed.
- When assembling a multi-tiered KEPSUUL, install any necessary support beams before proceeding to stack multiple posts.
- Designer Tip:** To create a basket shelf, flip all four support beams so that they resemble the shape of an "L".



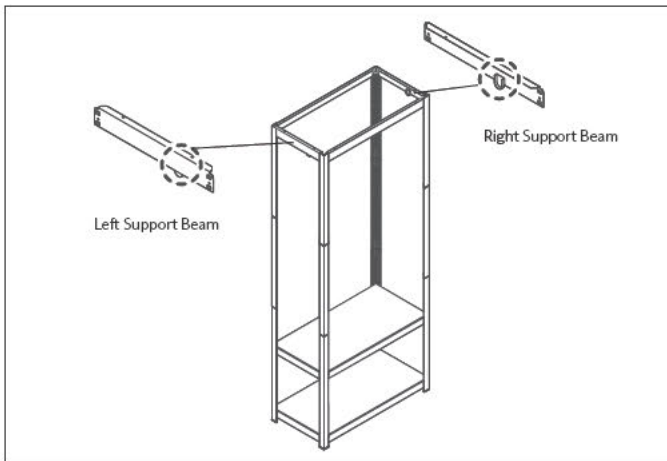
Step 3: Adding shelf plank

- Add wood planks after installing each support beam tier to increase stability.
- If the shelf plank is not flat and flush against the surface of all four support beams, check to see if there are any support beam holders protruding, misaligned, or loose above the beams.



Step 4: Adding necessary posts

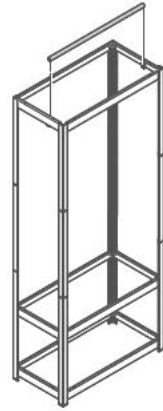
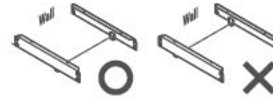
- Add remaining posts along with post connectors.



Step 5: Installing support beams

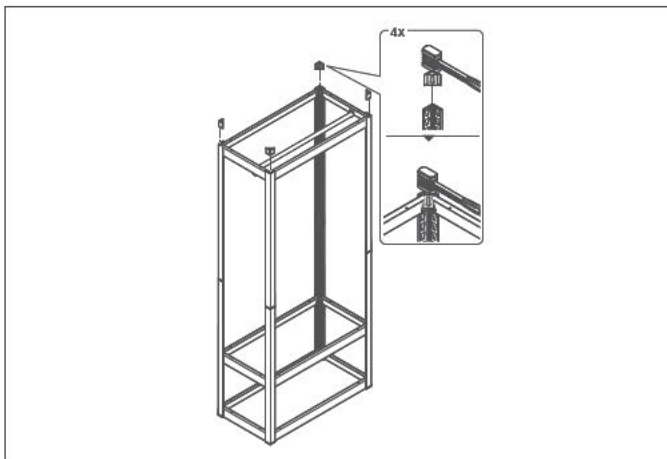
- Install the front and back long support beams.
- Install short right hanger beam on the right side of the frame and short left hanger beam on the left side of the frame.
- Both hanger support beam pockets should be aligned with each other and be closer to the side designated as the "front" of the clothing rack.

For the Clothing Rack with Shelves:
Position the hanger bar into the sockets after the hanger support beams are installed. Check that the hanger support beams are positioned correctly in relation to the wall.



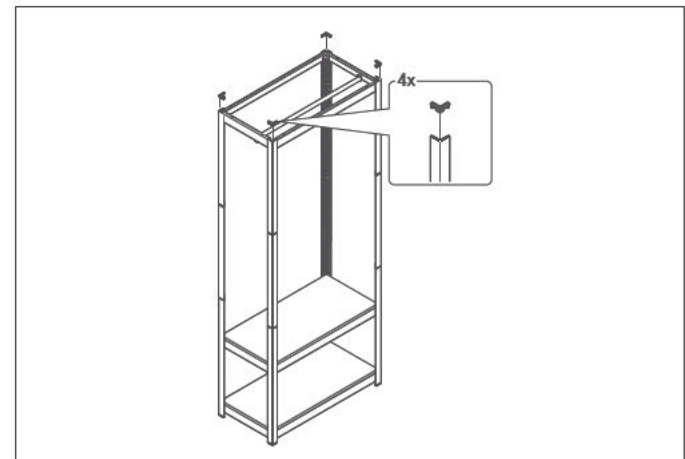
Step 6: Inserting hanger bar

- Gently push the hanger bar into the inner pockets of the hanger support beams so that it fits completely into the pockets.



Step 7: Installing final support beam holders

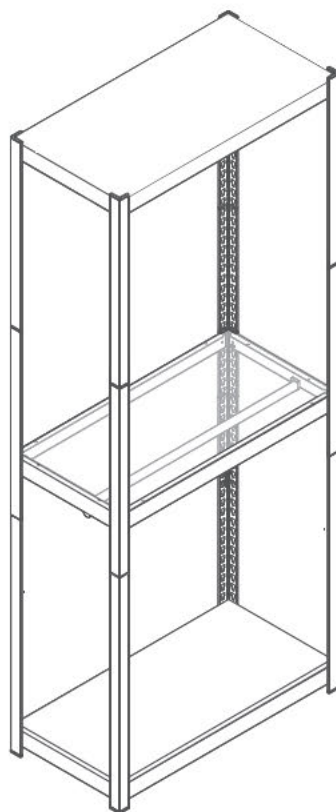
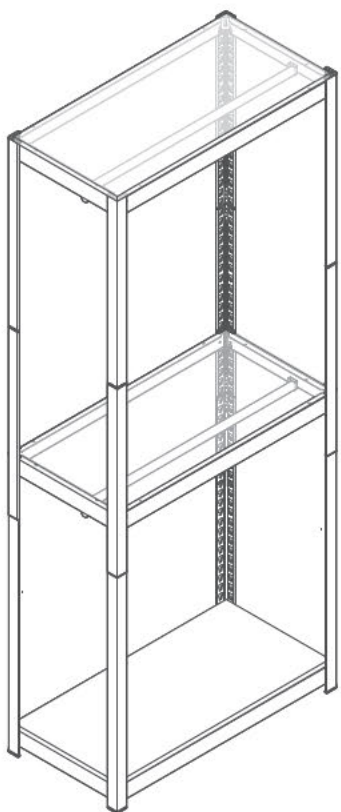
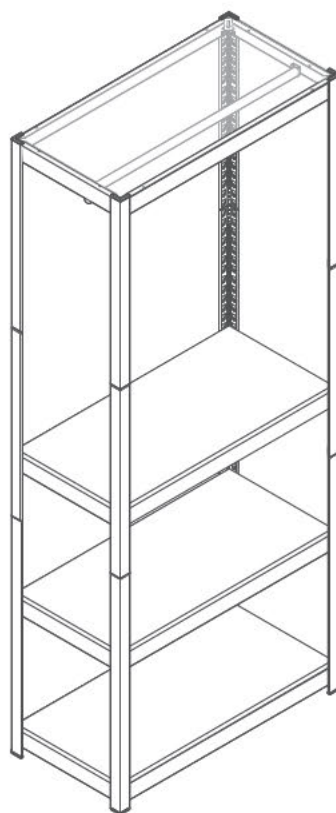
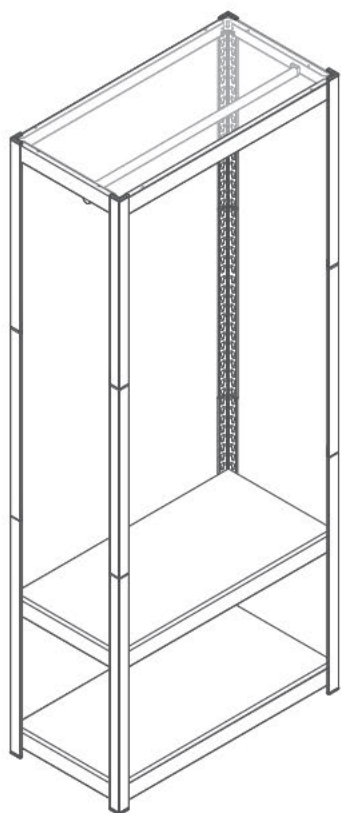
- After installing all preferred shelves and the top-most four support beams, insert the four remaining support beam holders to maximize the stability throughout the structure.
- **Designer Tip:** Utilize the backend of the hammer's handle to hit the SBH down.



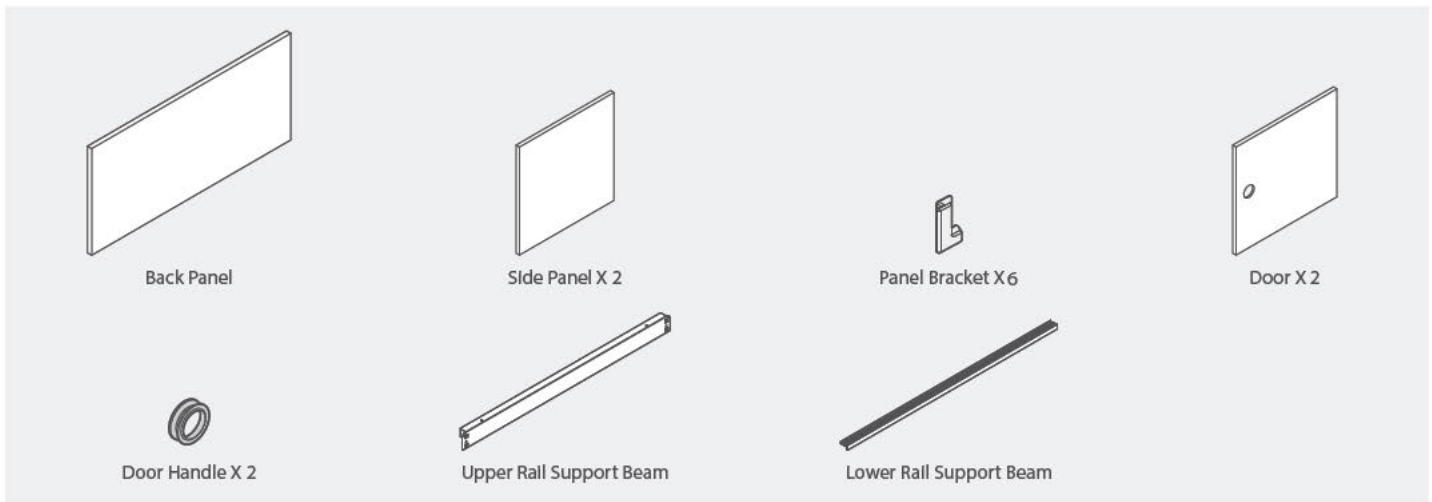
Step 8: Inserting top rubber safety caps

- Insert rubber safety caps into the open tops of each post.
- Keep in mind that support beam holders may be preventing a safety cap from being inserted completely. In that case, simply use the assembly hammer to gently tap the SBH down until there is adequate space.

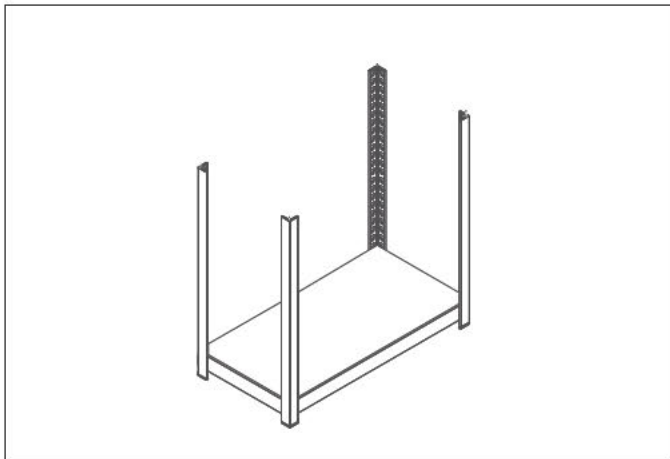
CLOTHING RACK WITH SHELVES CONFIGURATION EXAMPLES



DOOR INSTALLATION

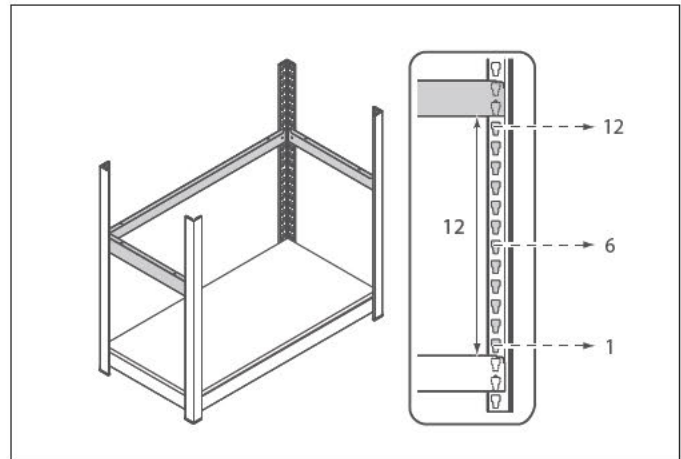


Back Panel Installation



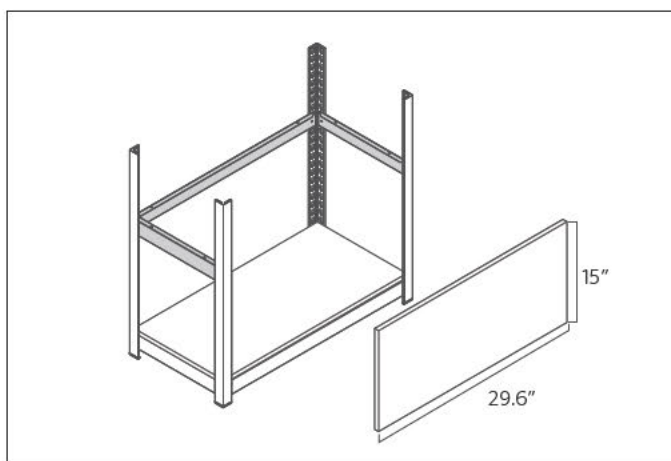
Step 1: Install base tier

- Follow up to **STEP 09** on pg. 07 before continuing on this page.



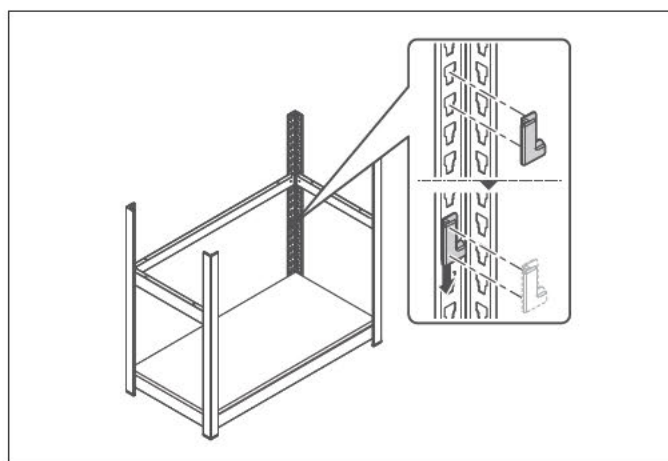
Step 2: Install short and long support beams

- Attach the long support beam to the two back posts of the rack.
- There must be twelve **visible** post holes to accommodate for the height of the back and side panels.
- Attach short support beams onto both sides of the module. There must be aligned in height to the long support beam.



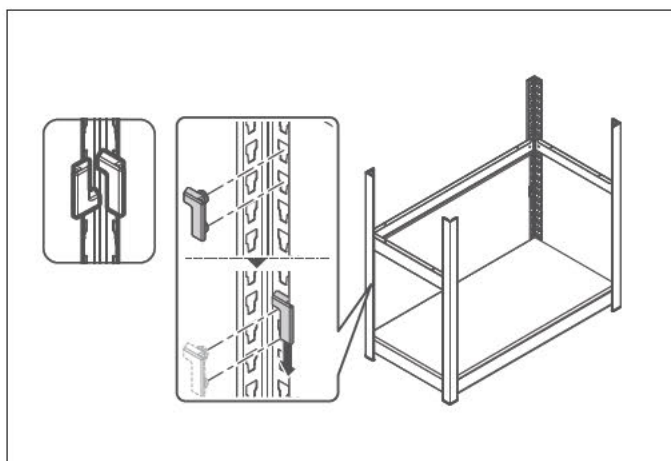
Step 3: Positioning back panel

- Orient the back panel horizontally.
- Carefully stand the back panel up flat against the two back posts and long back support beam.



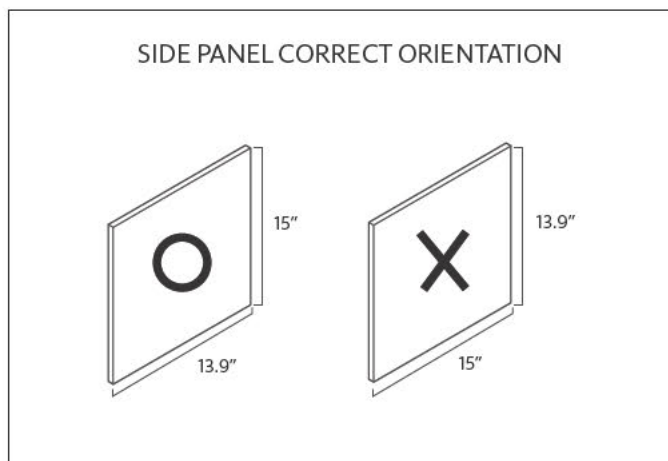
Step 4: Inserting first panel bracket

- To maximize the stability throughout a panel, each panel bracket should be holding its corresponding panel around mid-height.
- The long, flat lip of the bracket should be facing inwards.
- With the back panel flat against the back posts, push the lip of one bracket onto the surface of the panel so that the panel is pinned flush against the post.
- Once the two tabs connected to the panel brackets are properly aligned to the post holes, push the bracket down to secure.
- Be sure to slide the panel completely into panel bracket to allow space for the next bracket.



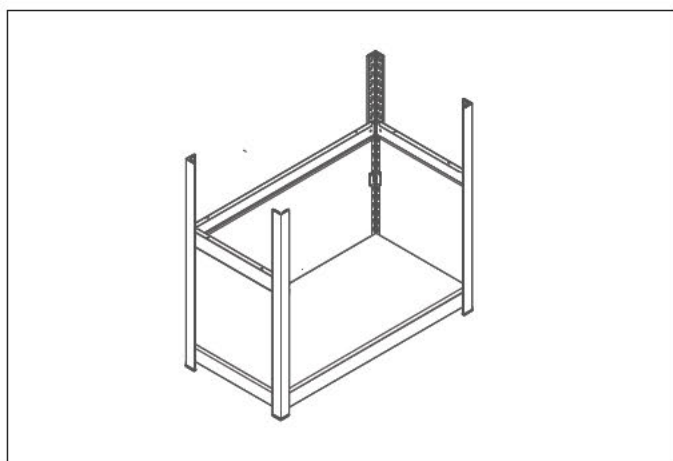
Step 5: Inserting second panel bracket

- Repeat Step 4 on the other side of panel.
- Second panel bracket should be flipped compared to the first panel bracket.



Step 6: Positioning side panels

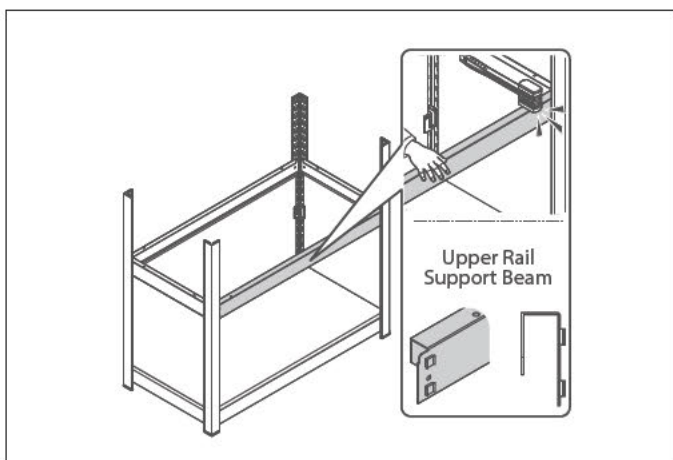
- While the side panels appear to be squares, the width and height of the panels are slightly different. The width of a side panel is 13.9", whereas the height is 15".
- When placing side panels up against the sides of the module, make sure they're standing with a height of 15" and a width of 13.9".
- A side panel inserted in the incorrect orientation will cover one post's holes, making it impossible to insert panel brackets on both sides.



Step 7: Inserting side panel & brackets

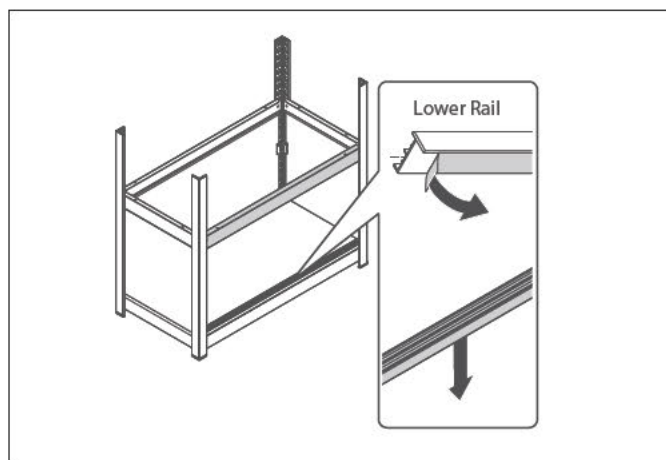
- Repeat Steps 3-5 on both sides of both panels.

Door Assembly



Step 8: Inserting upper rail support beam

- Install the upper rail support beam to the two front posts so that it is aligned with the two short side support beams and long back support beam. There must be twelve visible post holes below the upper rail support beam to correctly fit the door panels.



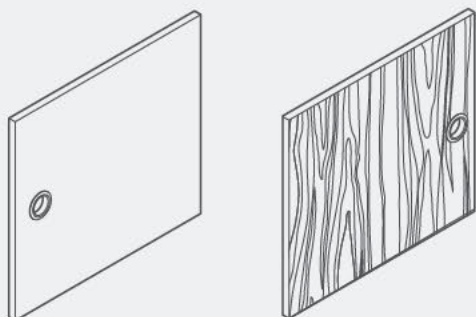
Step 9: Installing lower rail support beam

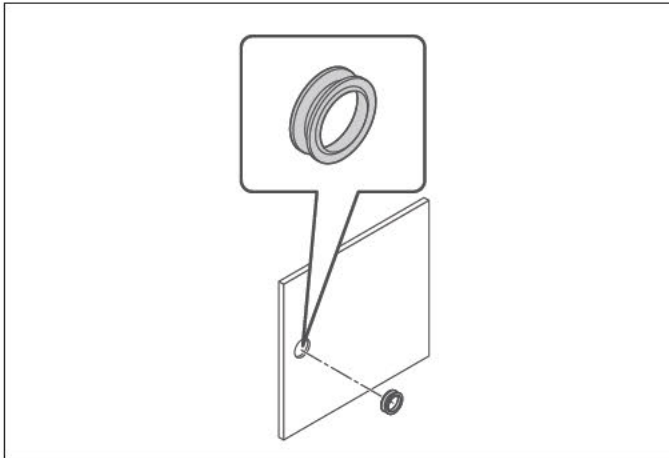
- Orient the lower rail support beam so that the ridges are facing up and the lip rests over the front edge of the bottom shelf plank.
- Be sure to first test the fit of the beam before removing its adhesive strip. Once ready, remove the adhesive strip and firmly press the beam onto the front edge of the bottom shelf plank.



Reversible Doors

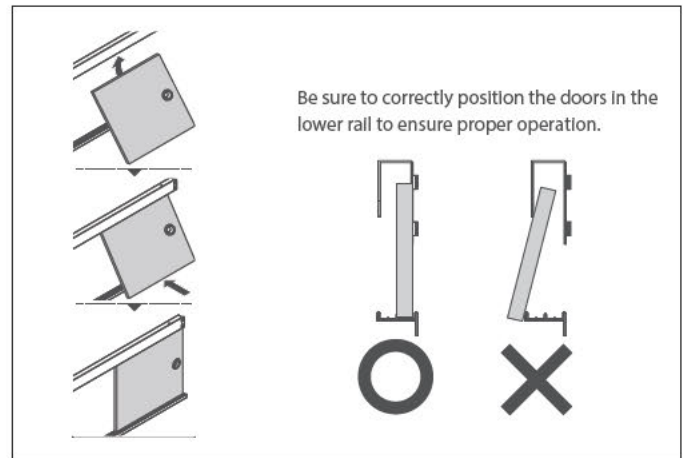
Door panels have two different colorways – wood grain on one side and a singular color on the other – and can be flipped over based on the user's desires.





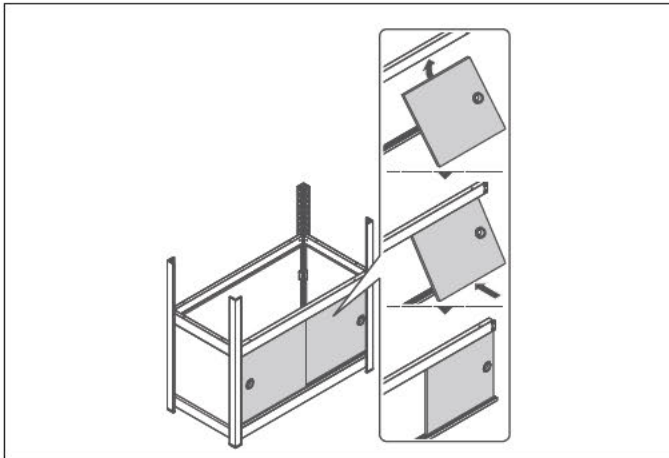
Step 10: Preparing door panels

- Insert rubber door handles into both door panel holes by bending the silicon to fit into panel holes.



Step 11: Inserting first door panel into rails

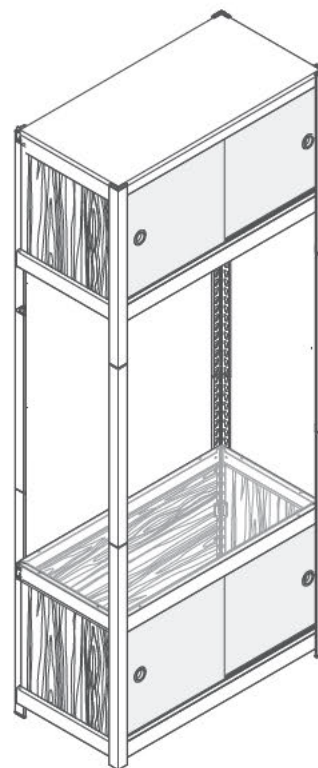
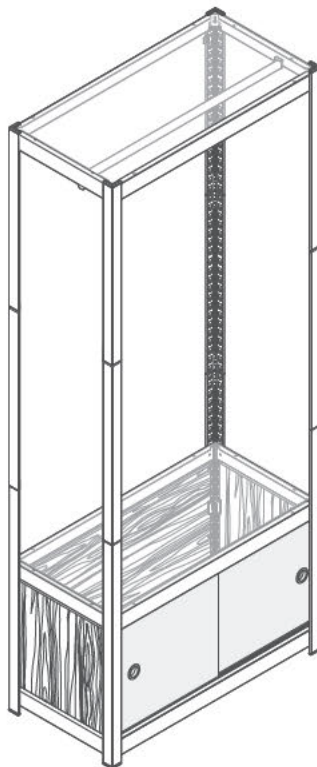
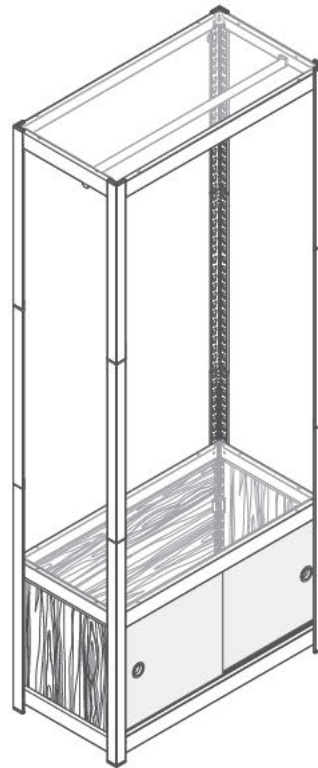
- Orient the door panel so that the wood grain runs vertically.
- Angle the door up into the upper rail support beam to allow space for the panel to straighten onto the back gutter of the lower rail support beam.



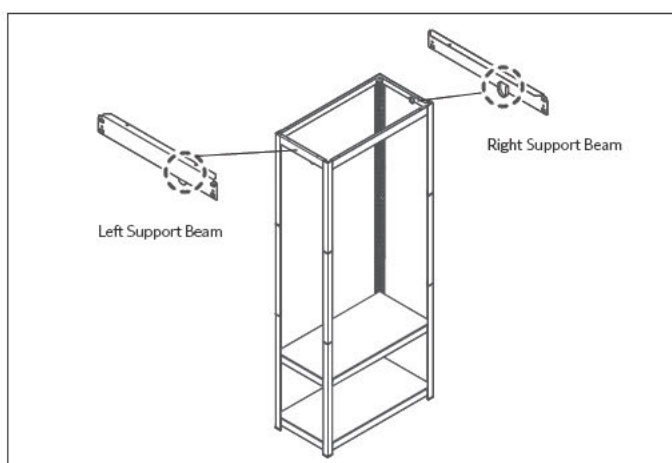
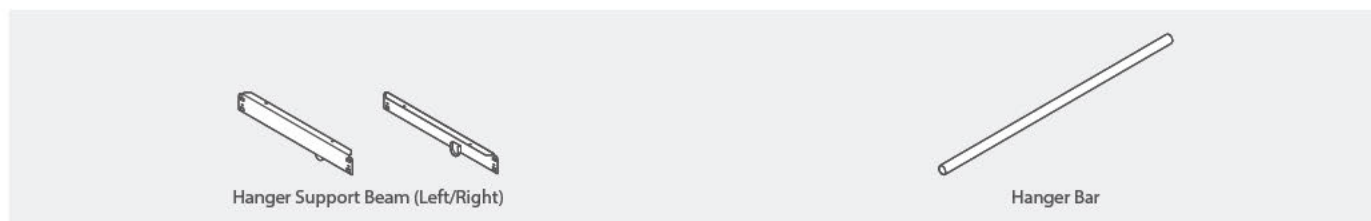
Step 12: Inserting second door panel into rails

- Orient the door panel so that the wood grain runs vertically and the door handle is facing away from that of the first door.
- Angle the door up into the upper rail support beam to allow space for the panel to straighten onto the front gutter of the lower rail support beam.
- The second door panel should be sitting in front of the first door panel.

DOOR INSTALLATION EXAMPLES

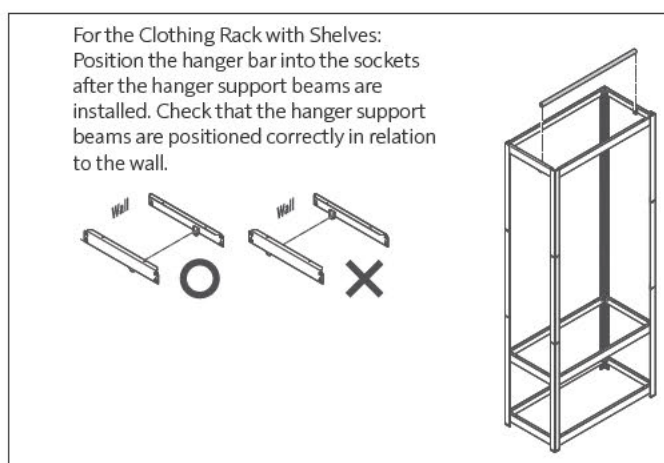


HANGER INSTALLATION



Step 1: Installing Right/Left support beams

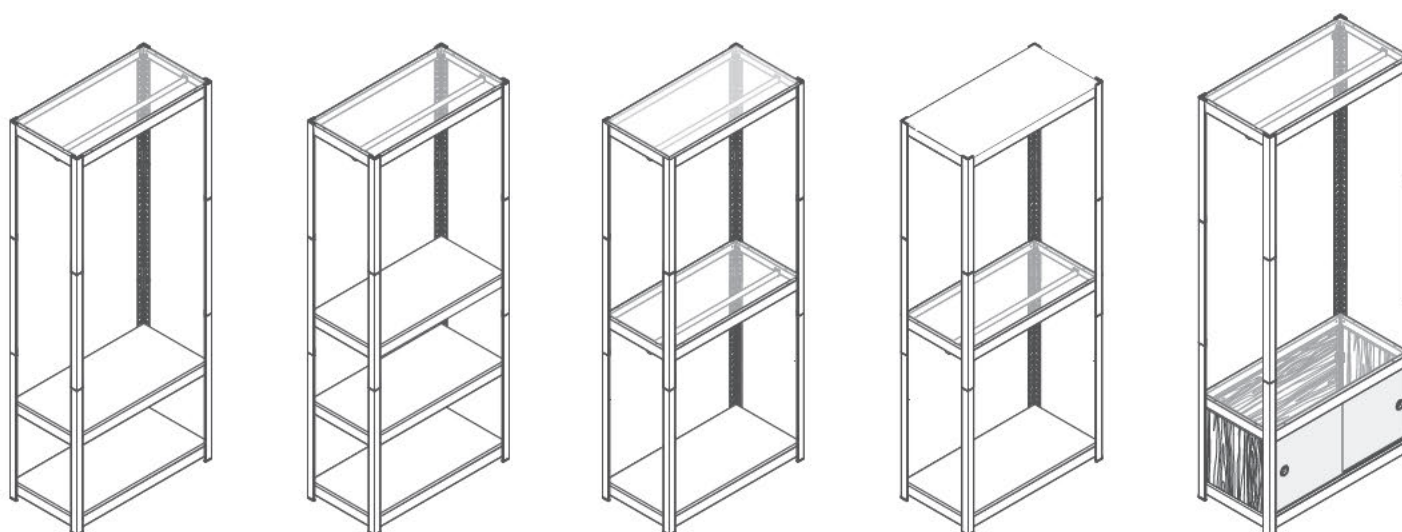
- Install the front and back long support beams.
- Install short right hanger beam on the right side of the frame and short left hanger beam on the left side of the frame.
- Both hanger support beam pockets should be aligned with each other and be closer to the side designated as the front of the clothing rack.



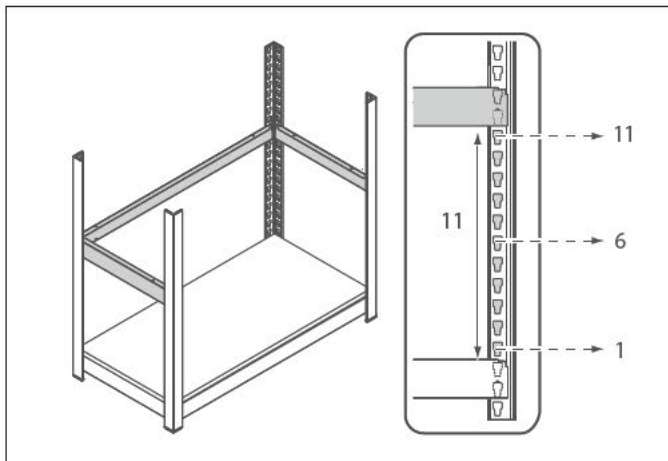
Step 2: Inserting hanger bar

- Gently push the hanger bar into the inner pockets of the hanger support beams so that it fits completely into the pockets.

HANGER EXAMPLES

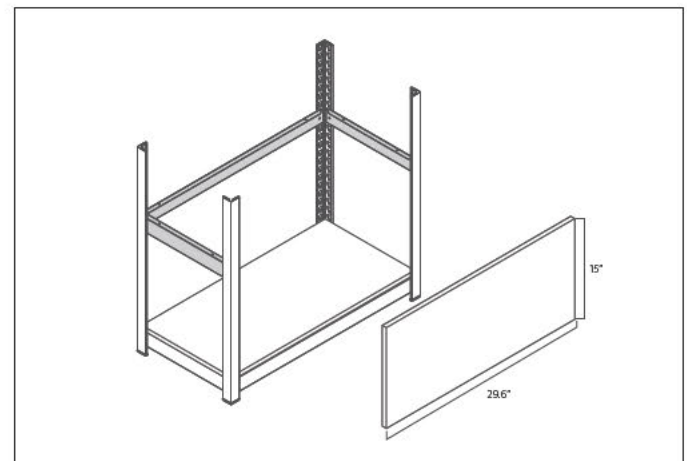


PANEL INSTALLATION



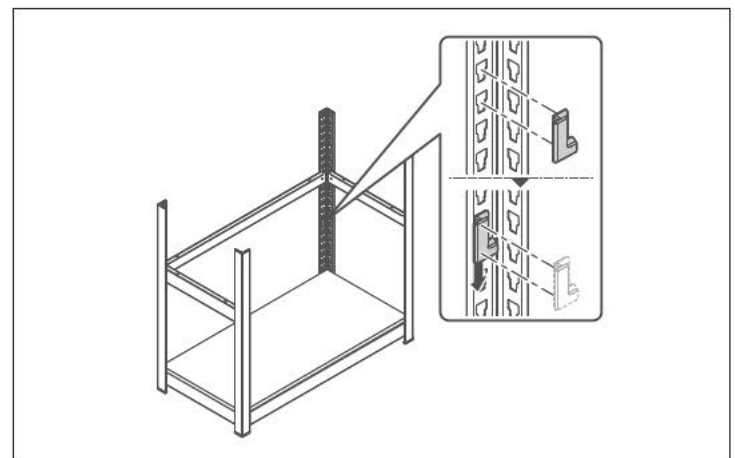
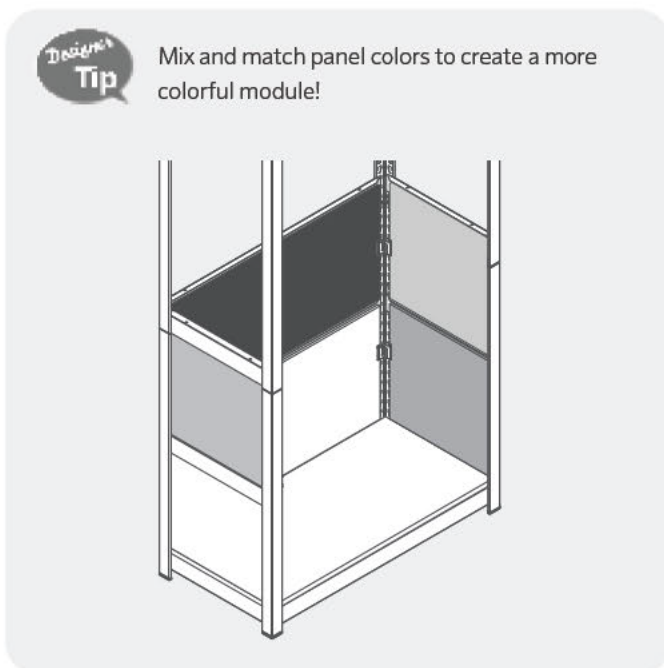
Step 1: Install short and long support beams

- Attach the long support beam to the two back posts of the rack.
- There must be eleven **visible** post holes to accommodate for the height of the back and side panels.
- Attach short support beams onto both sides of the module. They must both be aligned in height to the long support beam.



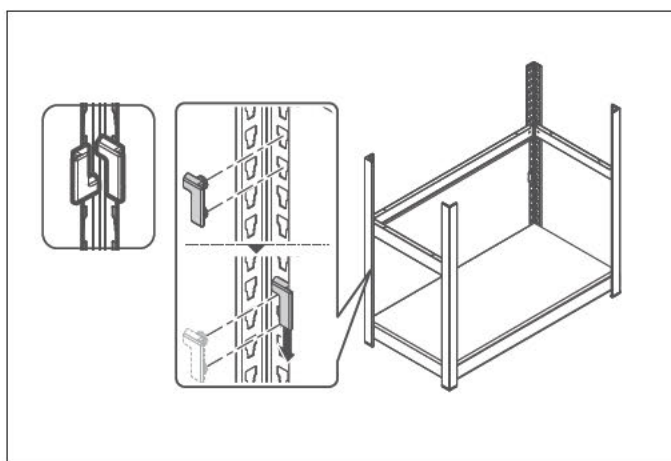
Step 2: Positioning back panel

- Orient the back panel horizontally.
- Carefully stand the back panel up flat against the two back posts and long back support beam.



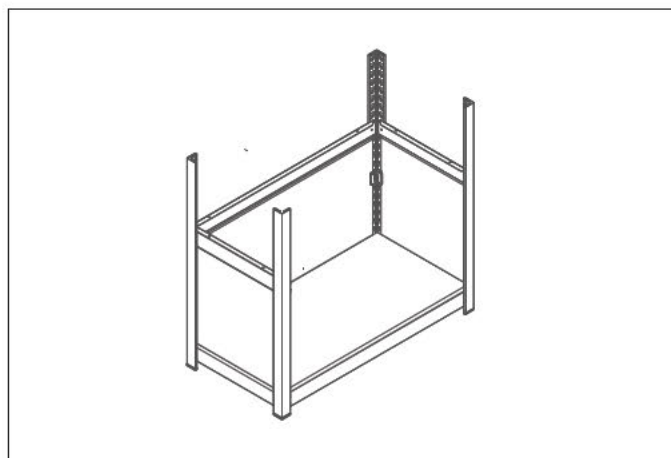
Step 3: Inserting first panel bracket

- To maximize the stability throughout a panel, each panel bracket should be holding its corresponding panel around mid-height.
- The long, flat lip of the bracket should be facing inwards.
- With the back panel flat against the back posts, push the lip of one bracket onto the surface of the panel so that the panel is pinned flush against the post.
- Once the two tabs connected to the panel brackets are properly aligned to the post holes, push the bracket down to secure.
- Be sure to slide the panel completely up against the end of the panel bracket to allow space for the next bracket.



Step 4: Inserting second panel bracket

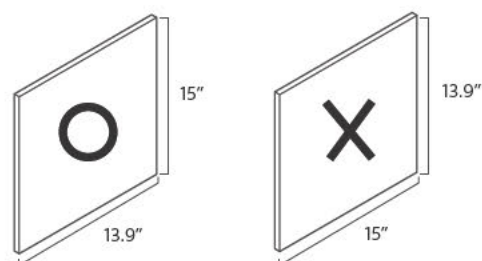
- Repeat Step 3 on the other side of back panel.
- Second panel bracket should be flipped compared to the first panel bracket.



Step 6: Inserting side panel & brackets

- Repeat Steps 3-5 on both sides of both panels.

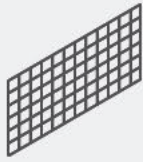
SIDE PANEL CORRECT ORIENTATION



Step 5: Positioning side panels

- While the side panels appear to be squares, the width and height of the panels are slightly different. The width of a side panel is 13.9", whereas the height is 15".
- When placing side panels up against the sides of the module, make sure they're standing with a height of 15" and a width of 13.9".
- A side panel inserted in the incorrect orientation will cover one post's holes, making it impossible to insert panel brackets on both sides.

MESH BOARD INSTALLATION



Mesh Board



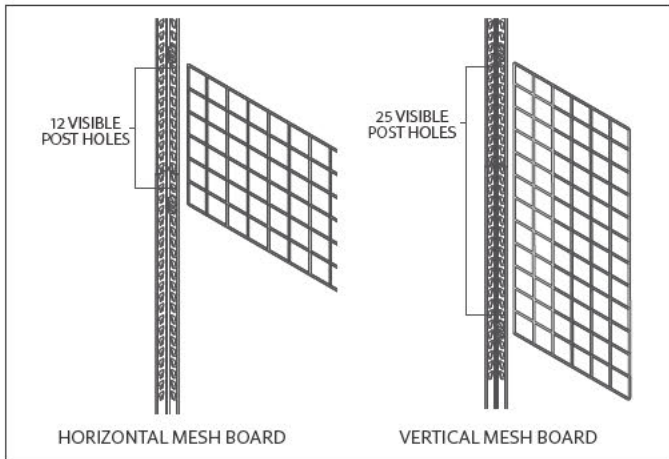
Plate Hook X 2



S-Hook X 2



Mesh Board Bracket X 4

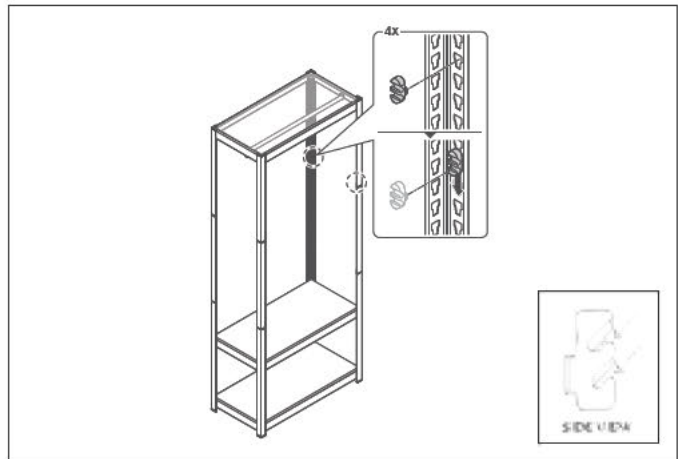


HORIZONTAL MESH BOARD

VERTICAL MESH BOARD

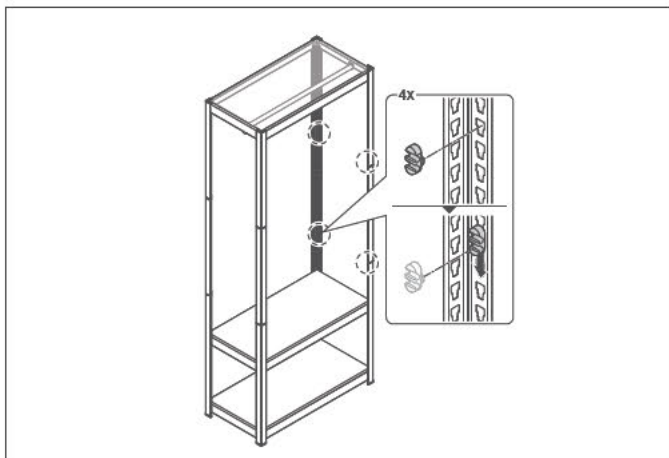
Step 1: Preparing placement of mesh board

- The mesh board can be rotated either horizontally or vertically to fit between two posts that are separated by a long support beam or a short support beam, respectively.
- Connecting the mesh board horizontally takes up twelve visible post holes.
- Connecting the mesh board vertically takes up twenty five visible post holes.



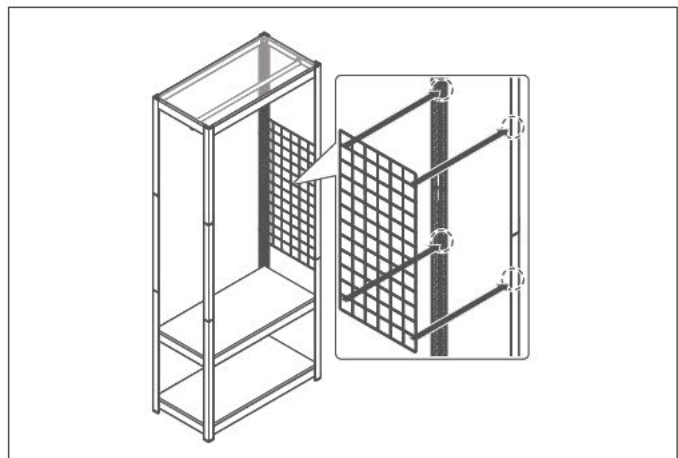
Step 2: Inserting top mesh board brackets

- Orient the mesh board bracket so that the bracket divots are sloping downwards into the post it is being attached to.
- Connect mesh board bracket to the desired post hole – there must be at least twenty-five **visible** post holes (*for horizontal mesh board*) – and push down into the tapered section of the post hole to secure in place.
- Attach a second mesh board bracket at the same height but on the second desired post.



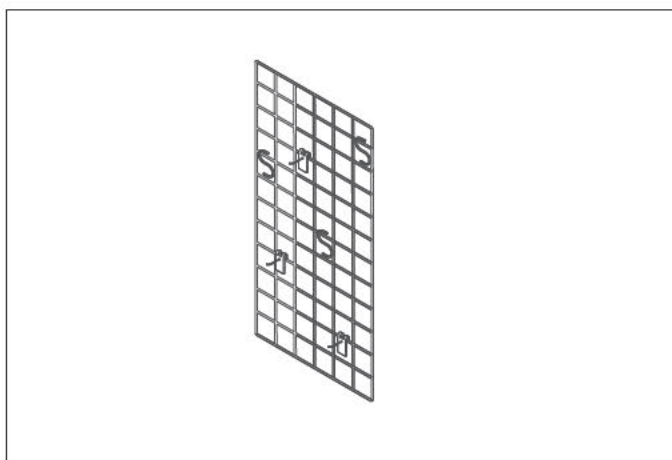
Step 3: Inserting bottom mesh board brackets

- Insert both bottom mesh board brackets on the same two posts with the brackets' divots sloping downwards.
- Connect mesh board bracket to the desired post hole – there must be at least twenty-five **visible** post holes (*for horizontal mesh board*) – and push down into the tapered section of the post hole to secure in place.



Step 4: Attaching the mesh board

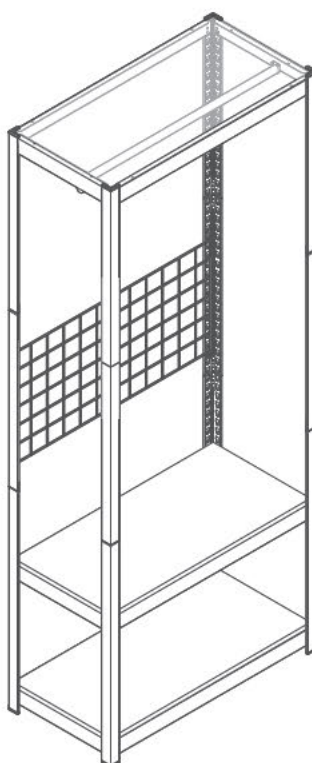
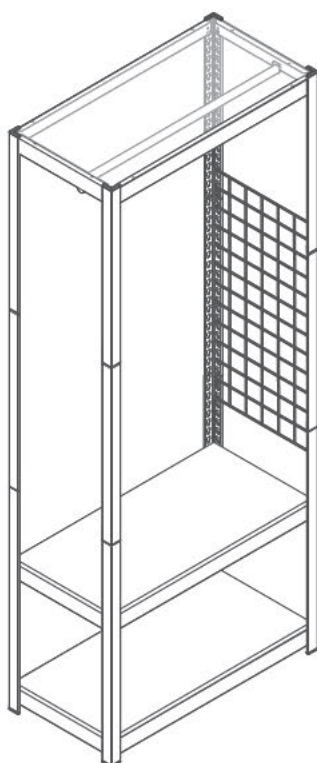
- Gently clip the topmost wire of the mesh board into the divots of the top mesh board brackets.
- Once the top of the mesh board is hung securely, gently clip the bottommost wire of the mesh board into the divots of the bottom mesh board brackets.



(OPTIONAL) Step 5: Using plate hooks and S-hooks

- Hang plate hooks and S-hooks anywhere on the mesh board to hang and display an endless variety of tools, linens, clothing, and other objects!

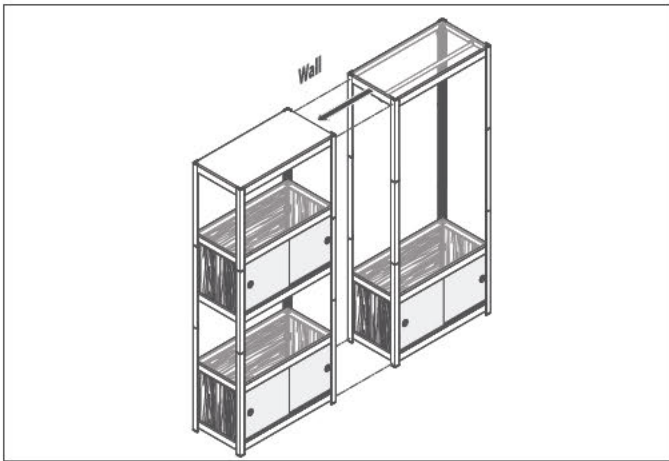
MESH BOARD EXAMPLES



Module Expansion And Separation

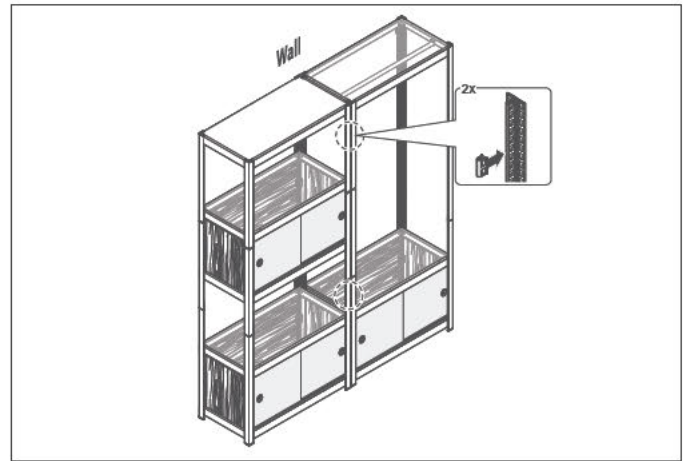
NOTE: If planning to attach multiple KEPSUUL modules together, all modules should be assembled in the desired location. If a module has already been built, it is not recommended to attempt to shift it around. It is safest to disassemble a rack into its basic components and reassemble them in the spot in which you will display the completed set of modules. To correctly dismantle module, remove the topmost components first and make your way down to the base of the rack. Remember to finish disassembling current tier before moving on to the next.

CAUTION: Loose objects and KEPSUUL add-ons may slip and/or fall if not removed prior to disassembling the rack.



Step 1: Repositioning modules

- Carefully orient desired racks so that their posts are abutting and they're both facing the correct direction.



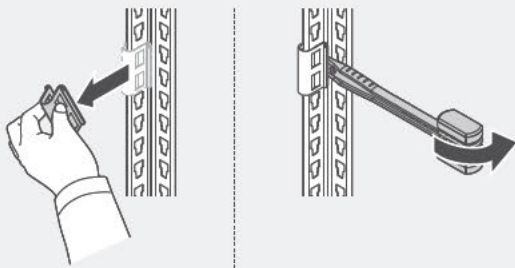
Step 2: Clipping rack connectors to adjacent posts

- Clip rack connector onto the two adjacent posts and slide the clipped connector up or down until its inner notches line up with the post holes on both sides.
- It is recommended to clip a rack connector to the mid-height of the overlapping section between two adjacent posts.
- Be sure to clip a rack connector to both the two adjacent front posts and two adjacent back posts of the combined modules.
- Two rack connectors are sufficient enough to effectively affix two modules to one another. However, feel free to use any spare or extra rack connectors whenever and wherever you deem necessary.



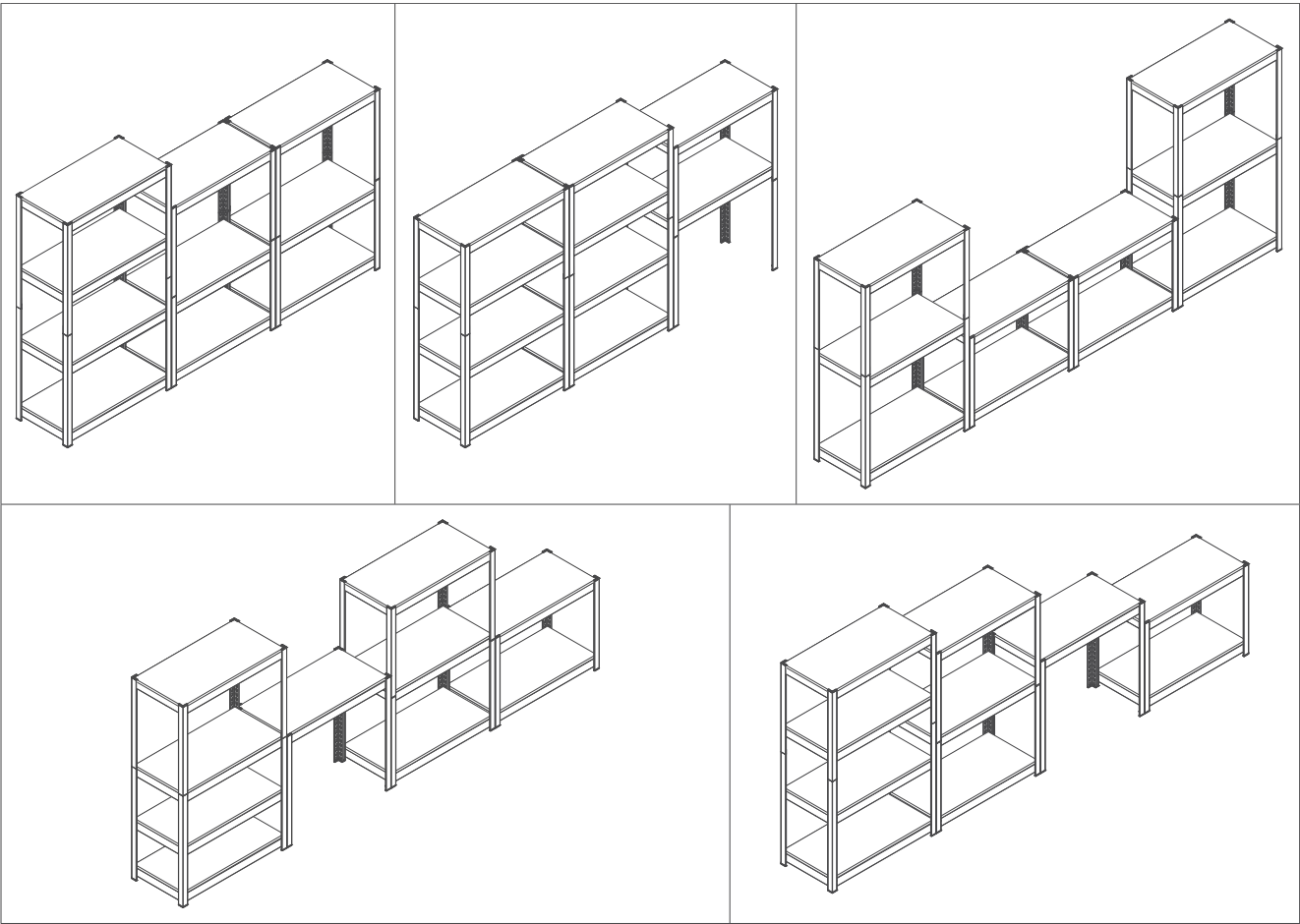
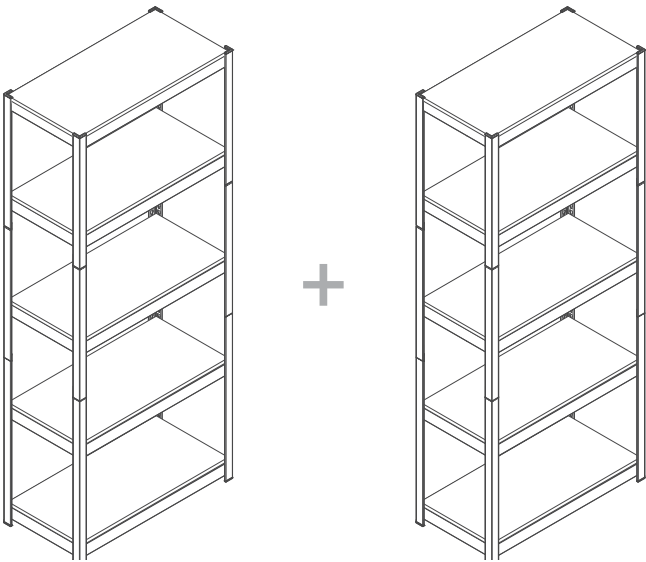
Separating Modules

To separate modules, pull one edge of the rack connector by hand, or use the end of the assembly hammer to remove it.



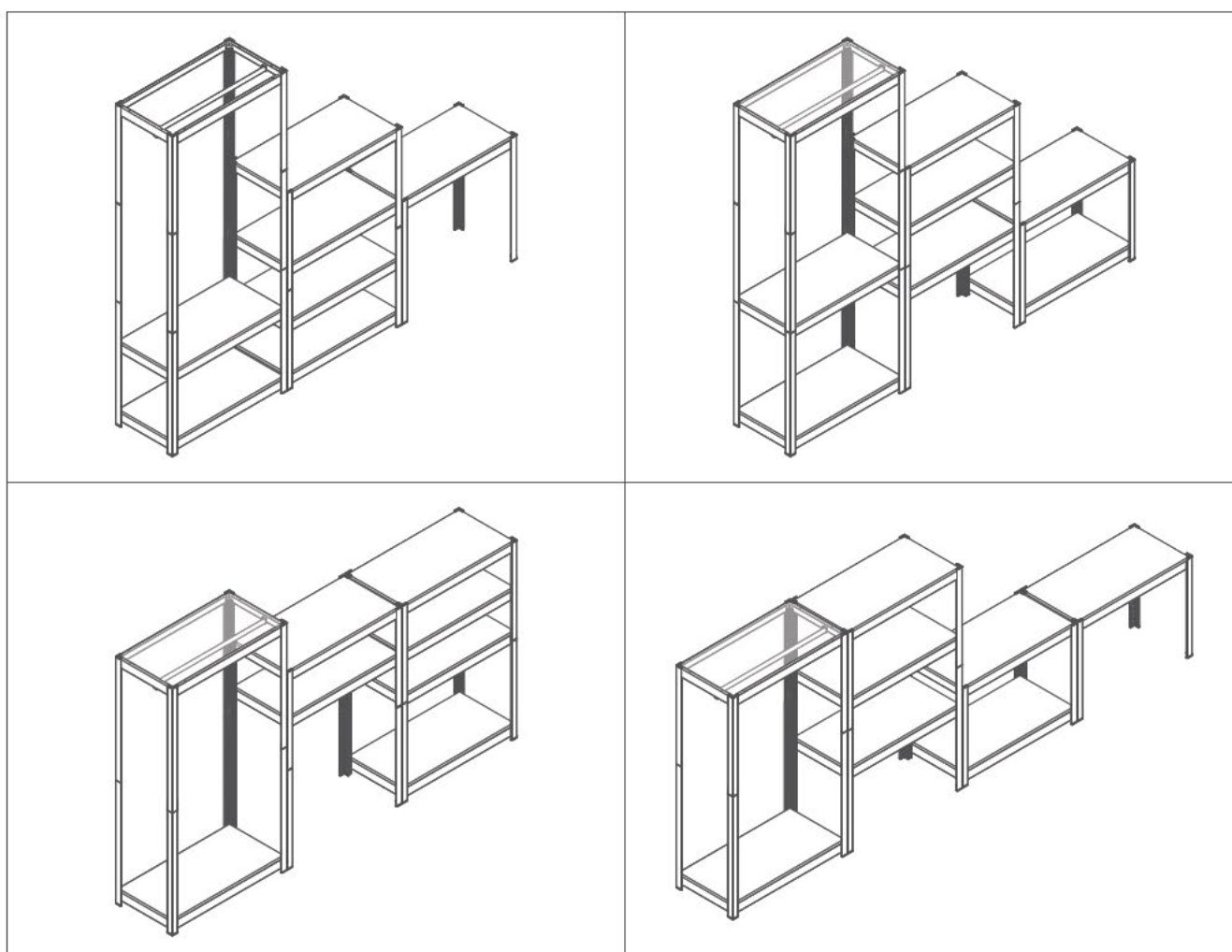
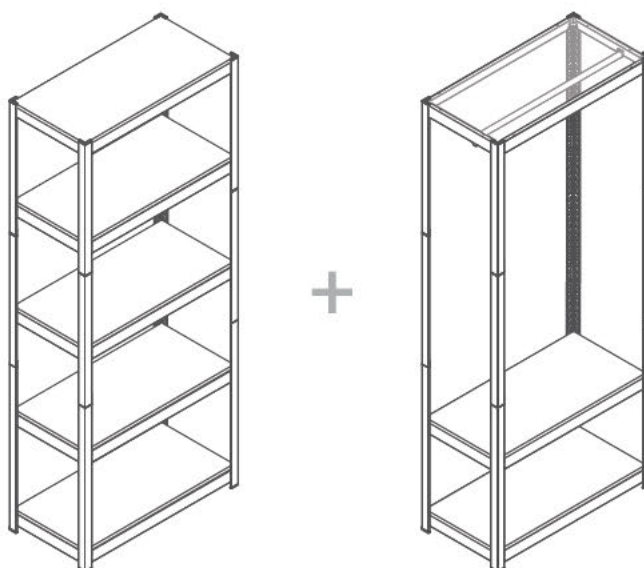
Configuration Options

4 Shelf Module + 4 Shelf Module



Configuration Options

4 Shelf Module + Clothing Rack with Shelves



Configuration Options

4 Shelf Module + Slim 5 Shelf Module

