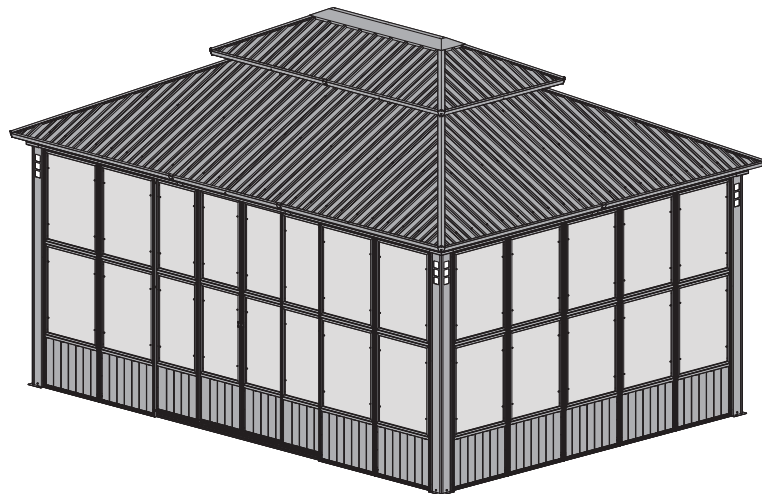


# PURPLE LEAF

est. 2013



**12'x16'**

***SOLARIUM WITH  
DOUBLE ROOF***

## ***Assembly Manual***

©Copyright 2013-2024 Purple Leaf Inc. All Rights Reserved

**T**hank you for your purchase of

PURPLE LEAF's Gazebo

Read and follow this assembly and operation guide.

To reduce personal injury and damage to your gazebo

We recommend a **two-person team** for assembly and disassembly.

If you are satisfied with our product, share with your friends.

If you have any problems with our product, feel free to contact us.

**PURPLE LEAF**





## **Warnings and Cautions**

*Please read the instruction carefully before assembly and retain it for future usage.*

*Make sure you have all the parts & hardware as the check list shows.*

**2 adults or more** are recommended to install your gazebo.

**Do not discard any of the packaging until you have checked that you have all the parts and pack of fittings.**

*Check all bolts for tightness before using, and periodically check and tighten bolts to ensure your gazebo works properly.*

*Some parts might have sharp edges/corners. Please follow basic safety precautions to reduce the risk of injuries.*

## **CHOKES HAZARD**

**THIS ITEM CONTAINS SMALL PARTS WHICH CAN BE SWALLOWED BY CHILDREN.  
PLEASE KEEP IT AWAY FROM CHILDREN UNDER 3 YEARS OLD and PETS DURING INSTALLATION.**

## Pre-assembly

### TOOLS THAT MAY BE REQUIRED (Not included in boxes)

\*NOTE: Tools / equipment are not shown to actual size and scale.



LEVEL



RUBBER Mallet



CROSS SCREWDRIVER



DRILL



ALLEN WRENCH  
DRILL (BIT S2 7/32")

### EQUIPMENT REQUIRED (Not included in boxes)

\*NOTE: Equipment are not shown to actual size and scale.



SAFETY HAT



GLOVES



SAFETY GOGGLES



STEPLADDER

### Matters needing attention



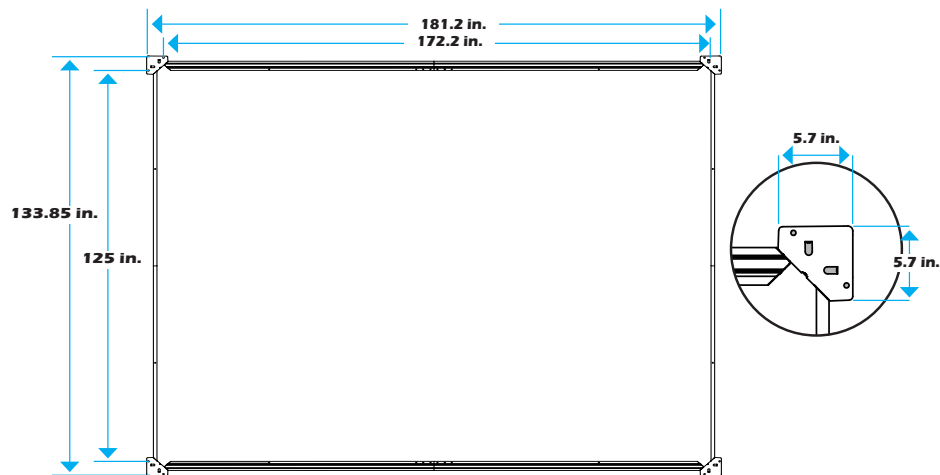
1. Two or more people are required for assembly.



2. Do not fully tighten the screws until finish each step of installation.

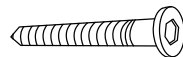
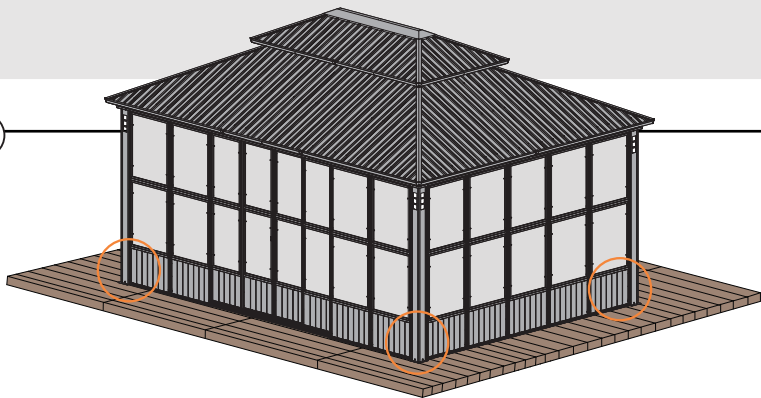
# MOUNTING BLUEPRINT

## Solarium 12'×16'



**Attention:** The above dimensions are manually measured and error is within 1-2 inches. We suggest you anchor the gazebo after installed the main frame.

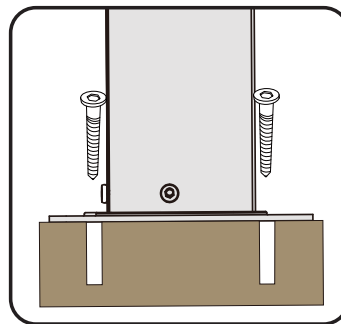
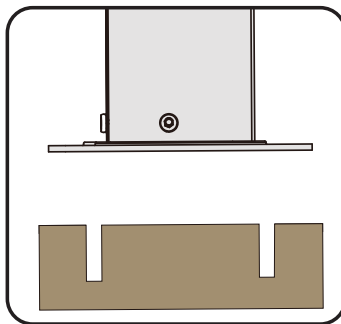
1



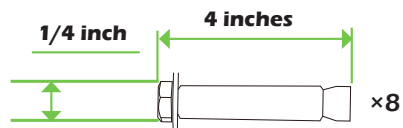
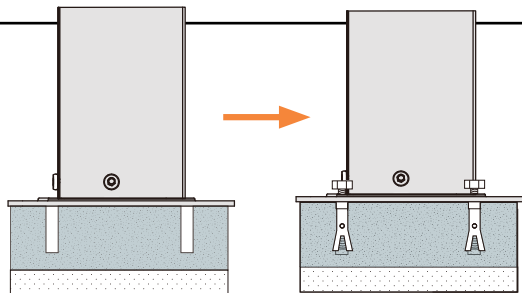
×8

(not included in package)

If the deck is hardwood and the depth of it is over 3 inches, you can use **1/4 in. × 3 in. Structural Wood Screw** to mount the gazebo.



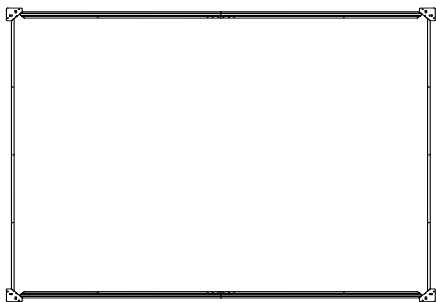
2



(not included in package)

If the ground is concrete and the depth of it is over 3 inches, you can use 1/4 inch expansion bolts to mount the gazebo.

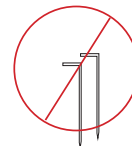
3

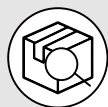


If the patio is in dirt, customize the concrete block in **15 X 15 X 15 inches** and at least **50 lbs.** Bury the block into the dirt. Then use expansion bolts to anchor the legs in the concrete blocks.



**IMPORTANT:**  
Anchor is not  
recommended





# CHECK LIST

**A** × 4



**C** × 2



**C1** × 2



**D** × 2



**D1** × 2



**D2** × 2



**E** × 4



**E1** × 4



**E2** × 8



**F** × 4



**G** × 4



**G1** × 4



**H** × 2



**H1** × 2



**H2** × 2



**J** × 2





**J1** × 2



**J2** × 2



**K** × 2



**K1** × 2



**K2** × 2



**K3** × 2



**K4** × 2



**Q** × 2



**Q1** × 2



**Q2** × 2



**R** × 2



**R1** × 2



**R2** × 2



**R3** × 2



**T** × 2

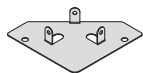


**T1** × 2





**B** × 4



**U2** × 4



**X2** × 8 + 2



**B1** × 8



**O** × 1



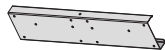
**U3** × 8



**X3** × 12



**C2** × 6



**T4** × 2



**Z** × 76



**S** × 1



**W** × 136



**Z1** × 4



**S1** × 1



**W1** × 8



**Z2** × 4



**S3** × 3



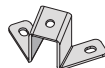
**W2** × 12



**I** × 8



**U** × 4



**X** × 6



**II** × 4



**U1** × 8



**X1** × 4



**III** × 16







**V**×8



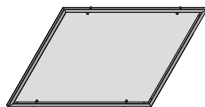
**V1**×2



**V2**×8



**AA**×36



**BB**×16



**Y**×2



**Y1**×2

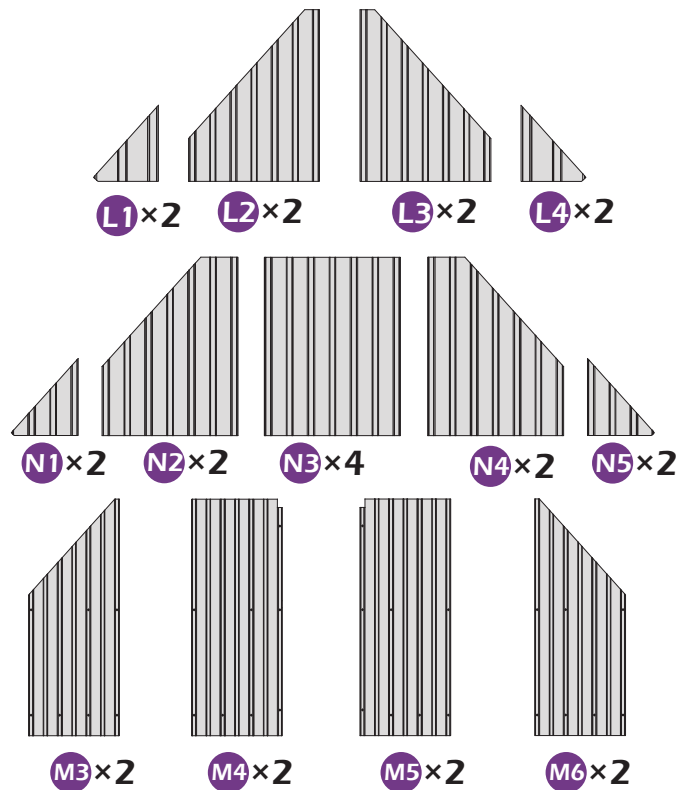


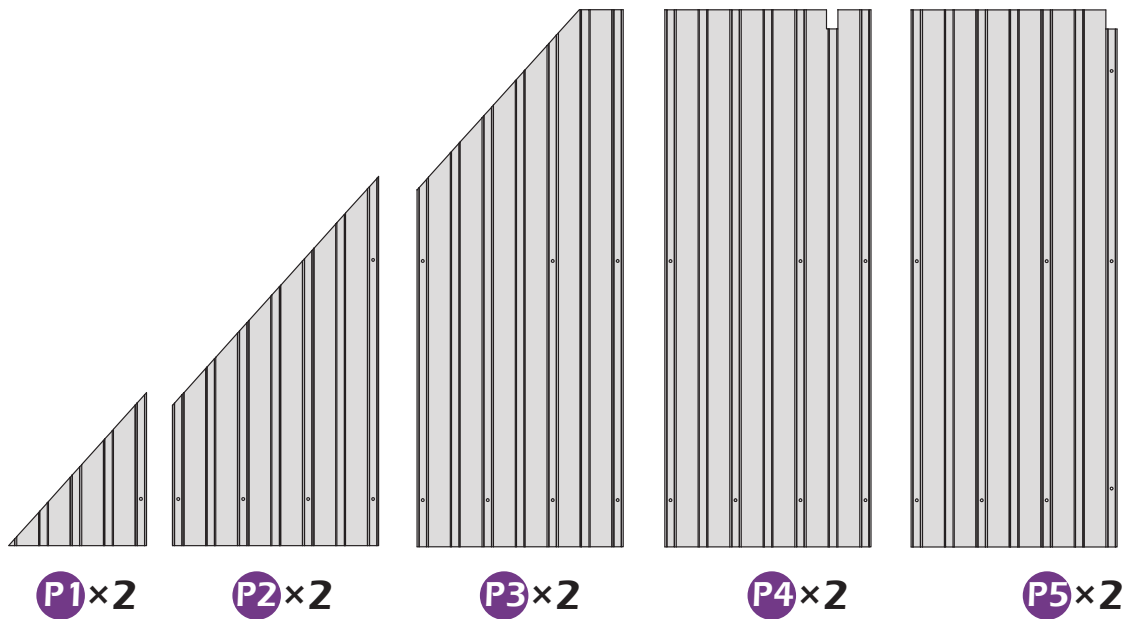
**Y2**×2

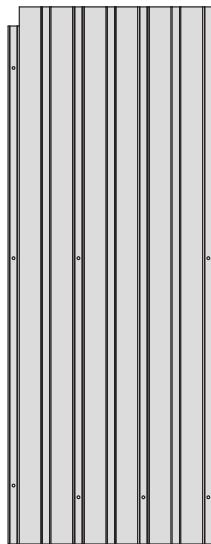


**Y3**×2

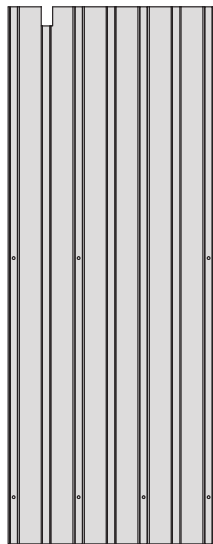




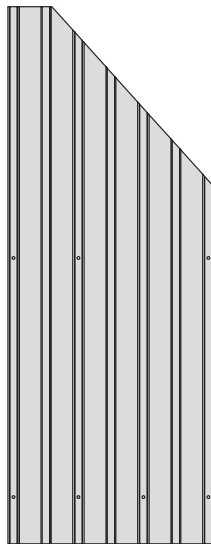




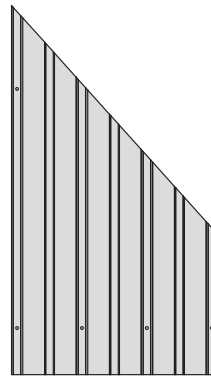
**P6 × 2**



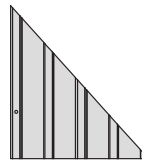
**P7 × 2**



**P8 × 2**

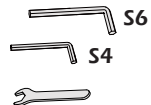


**P9 × 2**

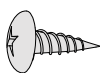


**P10 × 2**

**1#×1**



**2#×12**  
(ST6.3×15)



**3#×24**  
(ST5×16)



**4#×16**  
(M6×15)



**5#×160**  
(M6)



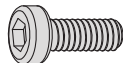
**6#×16**



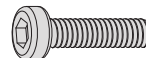
**7#×28**  
(M6×10)



**8#×280**  
(M6×16)



**9#×8**  
(M6×25)



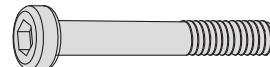
**10#×100**  
(M6×28)



**11#×4**  
(M6×45)



**12#×40**  
(M6×50)



**13#×20**  
(M6×55)



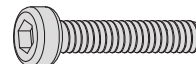
**14#×60**  
(M6×30)

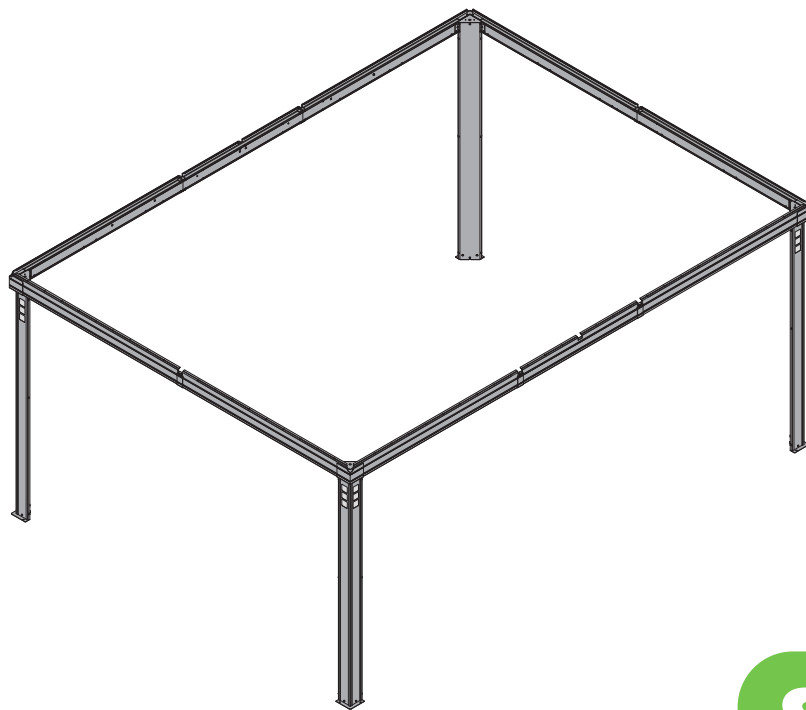


**15#×8**  
(M4×10)



**16#×48**  
(M6×30)





**STEP 1**



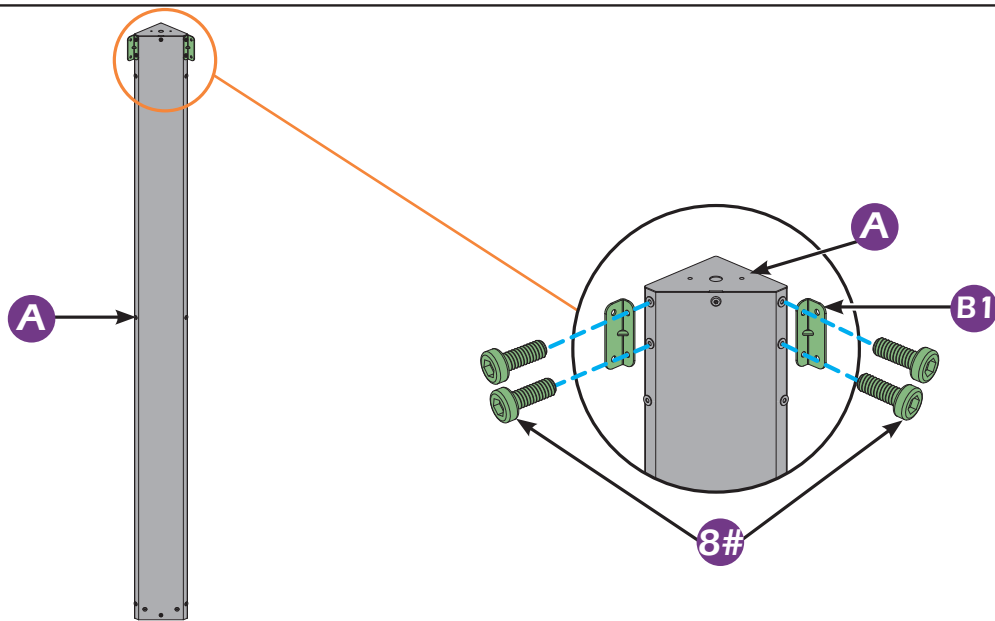
**A** × 4



**B1** × 8



**8#** × 16



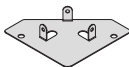
**STEP 1**



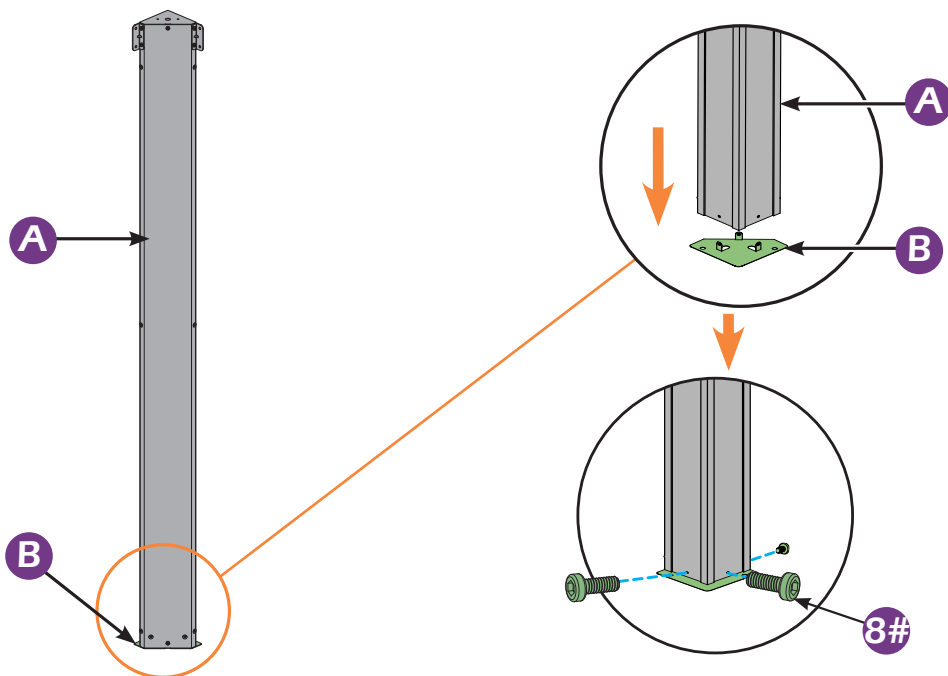
**A** × 4



**B** × 4



**8#** × 12



**STEP 1**





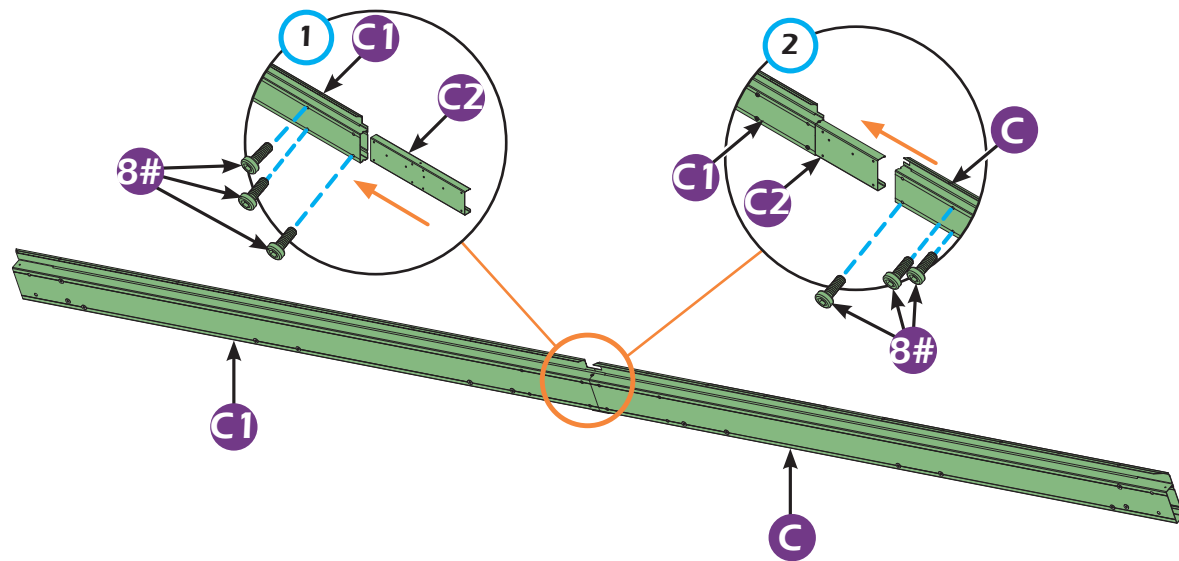
**C** × 2 

**C2** × 2 

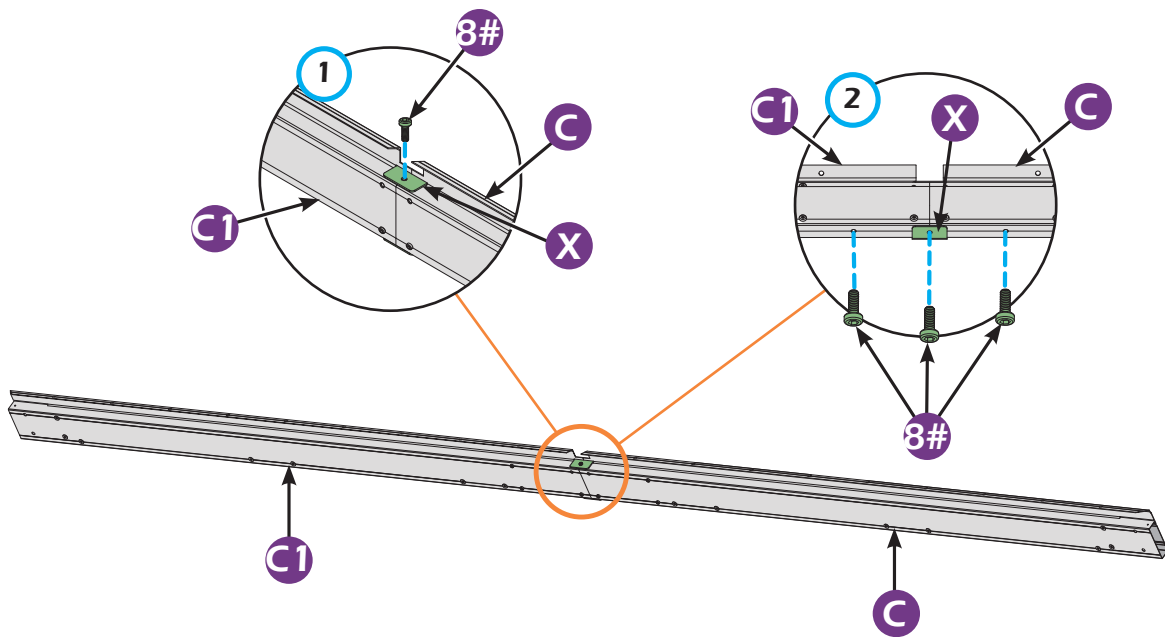
**8#** × 20 

**C1** × 2 

**X** × 2 



**STEP 1**



**STEP 1**



D×2



D2×2



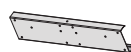
8#×40



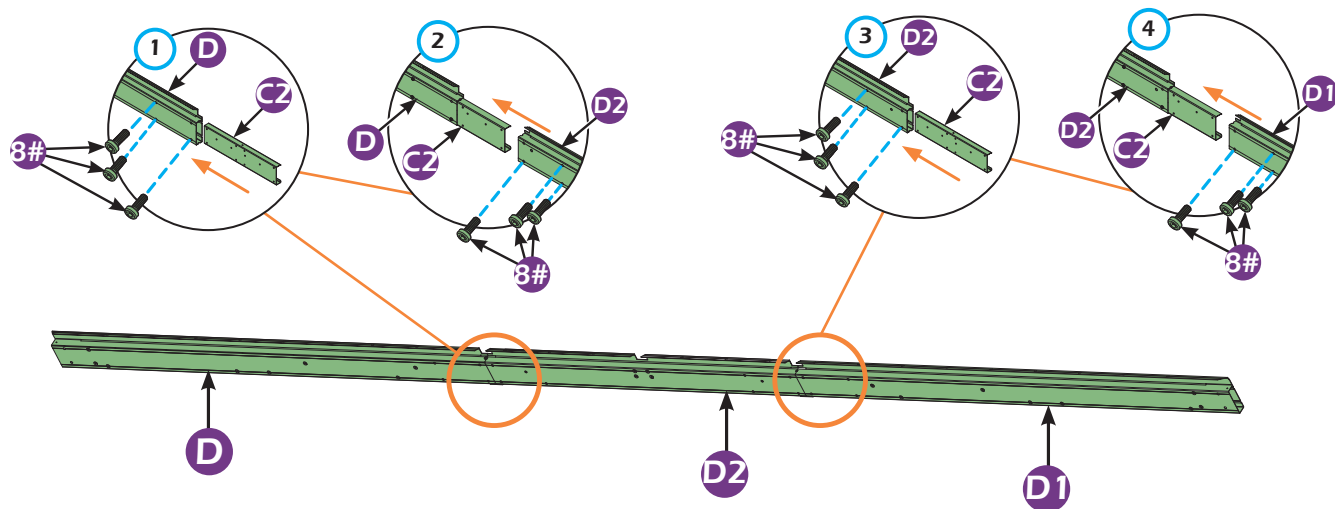
D1×2



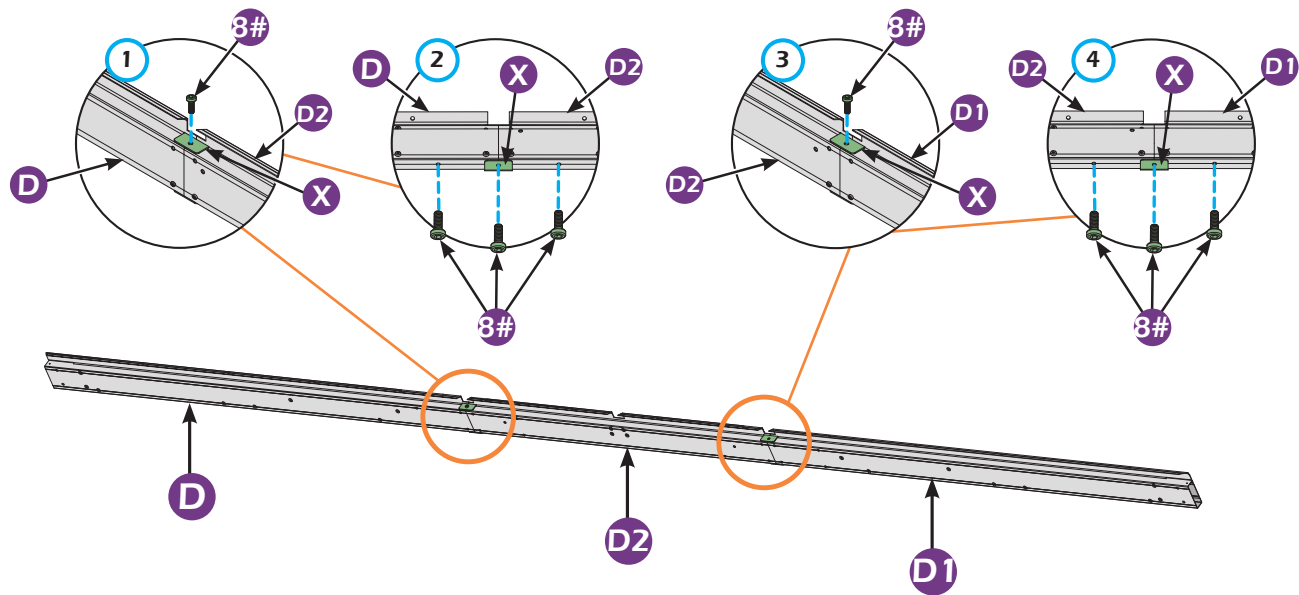
C2×4



X×4



STEP 1



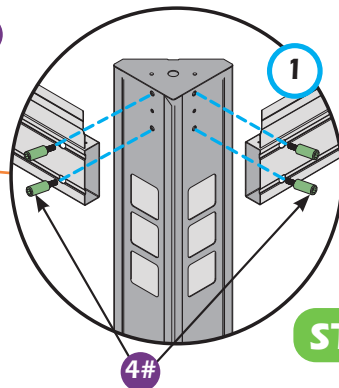
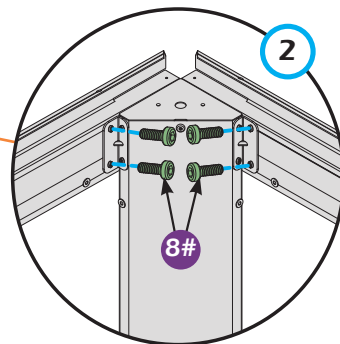
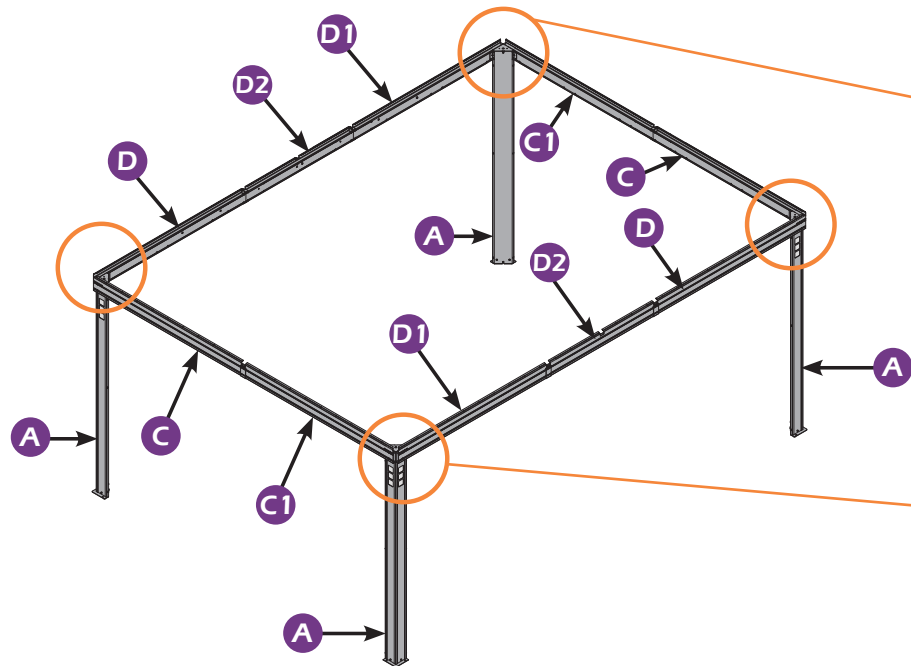
**STEP 1**



4#×16



8#×16



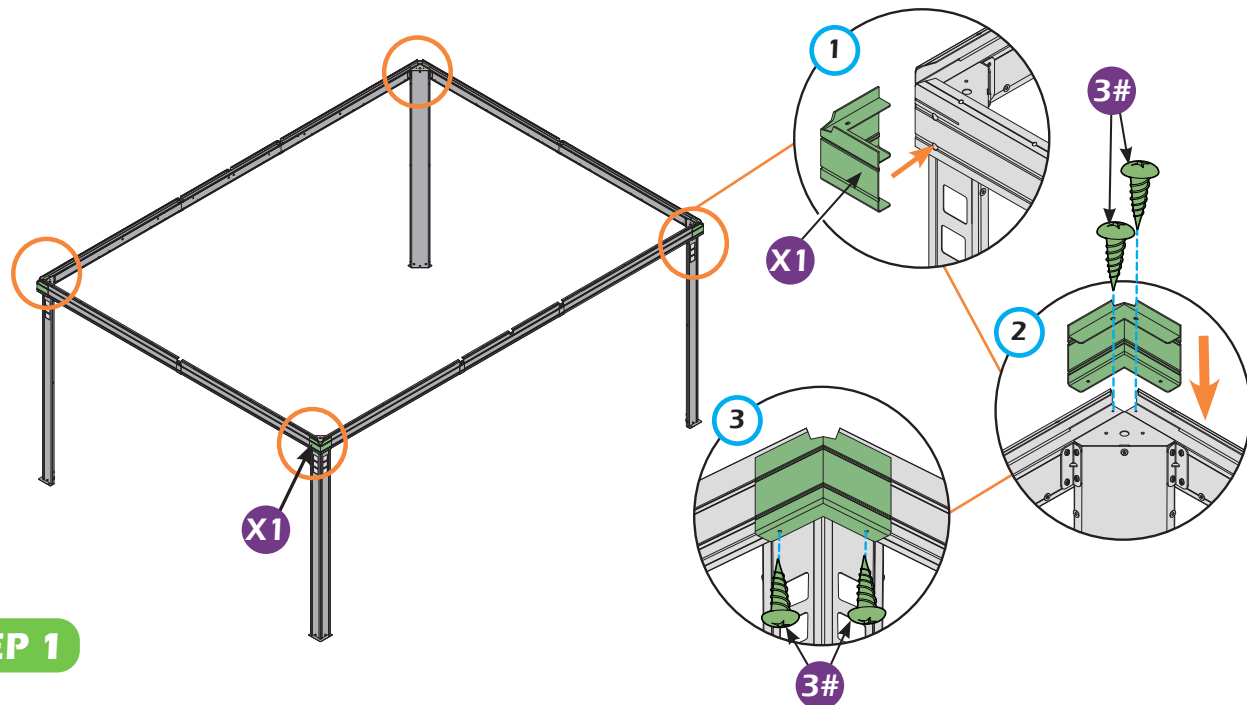
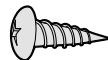
**STEP 1**



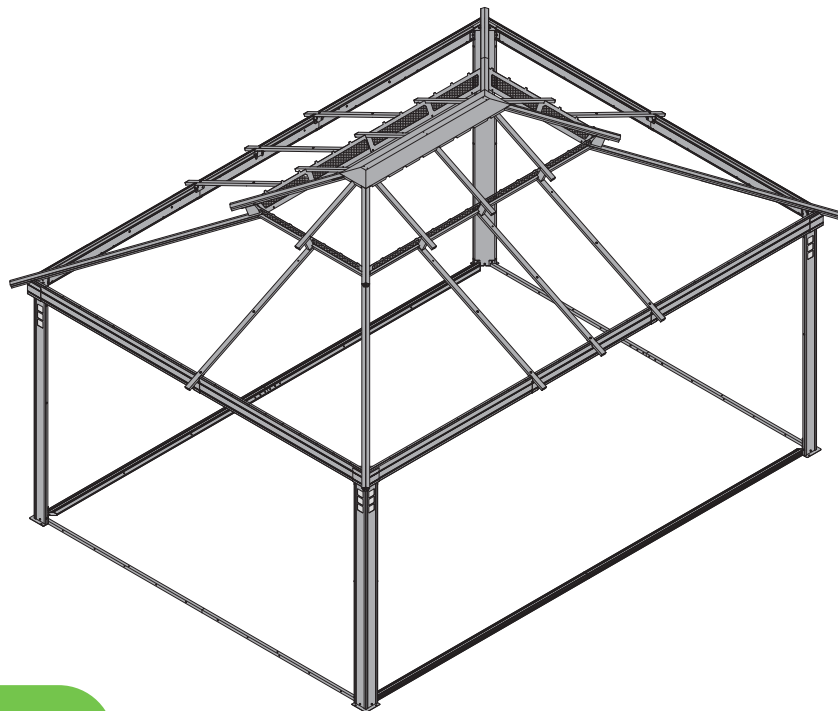
X1 × 4



3# × 16



**STEP 1**



## STEP 2

\*Anchor the gazebo once finish **Step 2**.



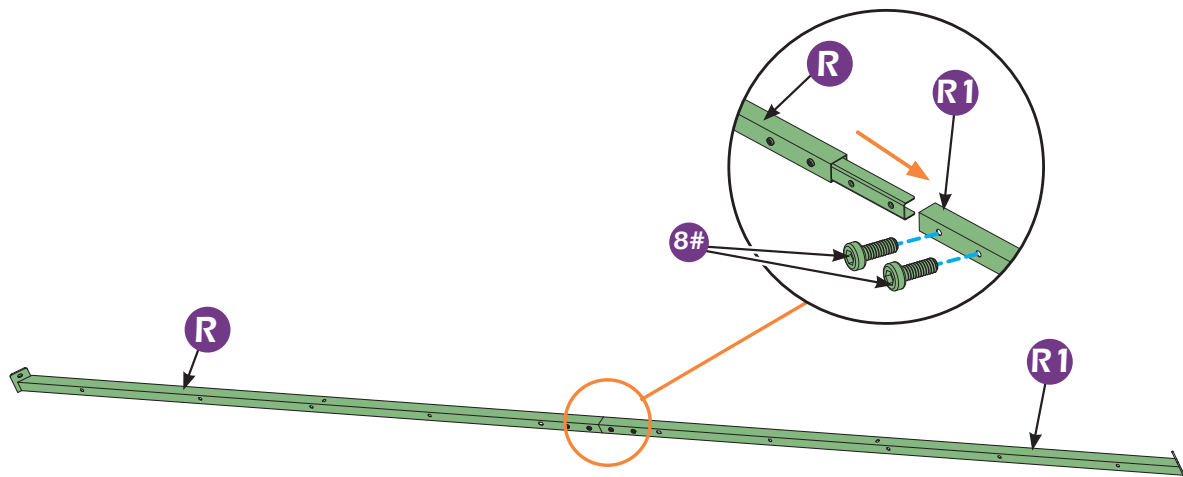
**R** × 2



**R1** × 2



**8#** × 4



**STEP 2**





T × 2



T4 × 2



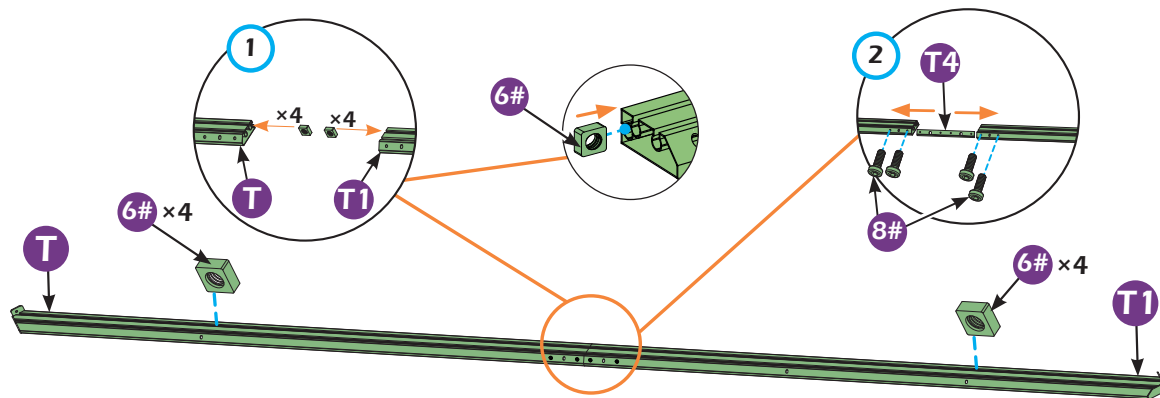
8# × 8



T1 × 2



6# × 16

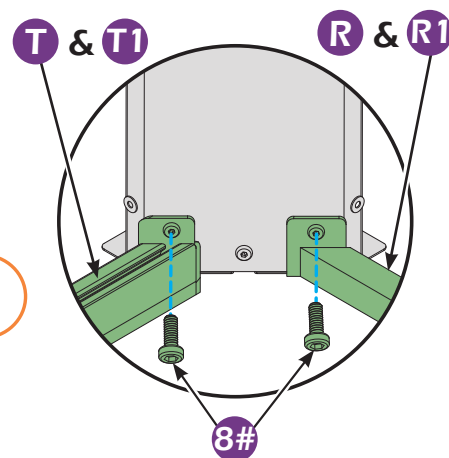
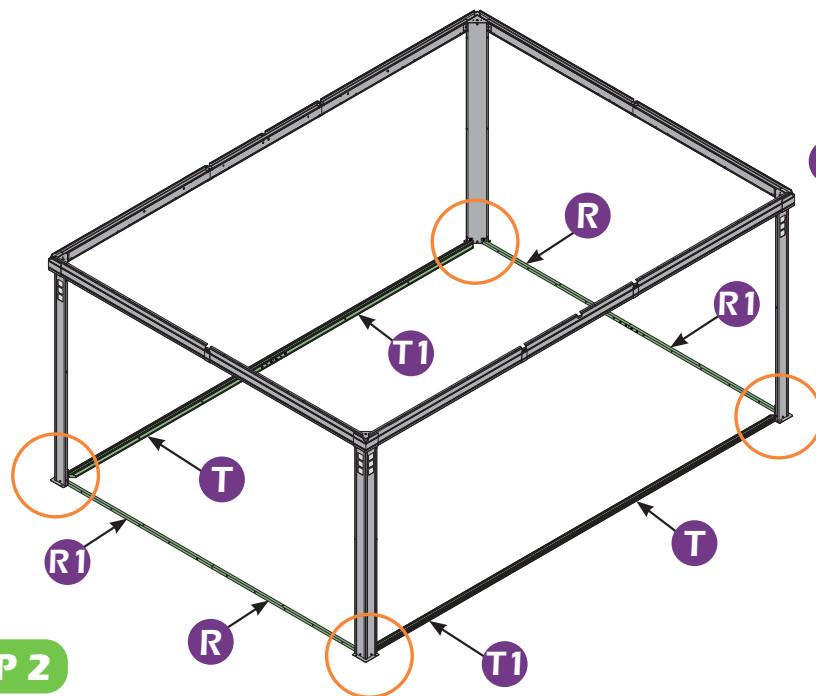


**Attention:** Insert four 6# in rails T and T1 respectively.

**STEP 2**



8#×8



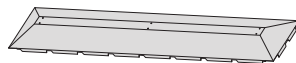
**STEP 2**



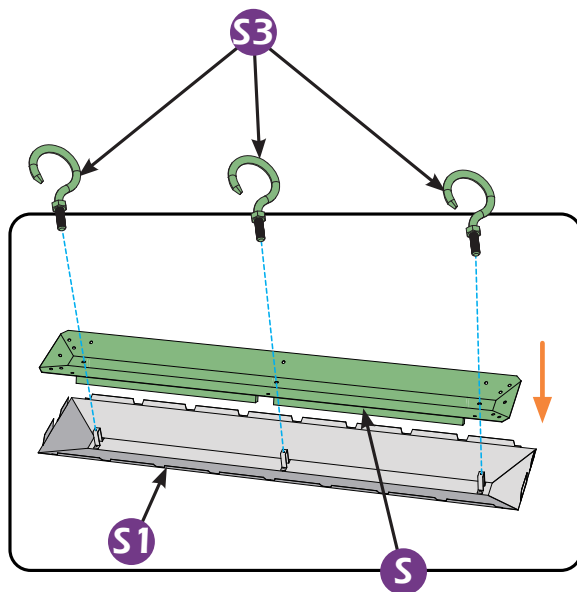
S × 1



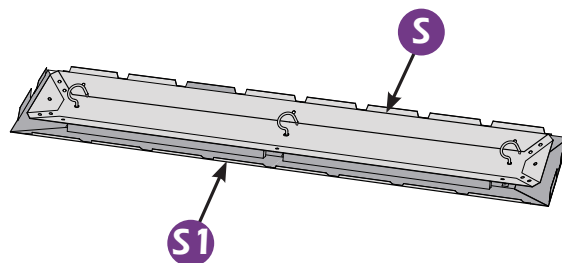
S1 × 1



S3 × 3



Don't fully tighten the screw S3 . It might cause problems on roof's installation.



**STEP 2**



**E** × 4



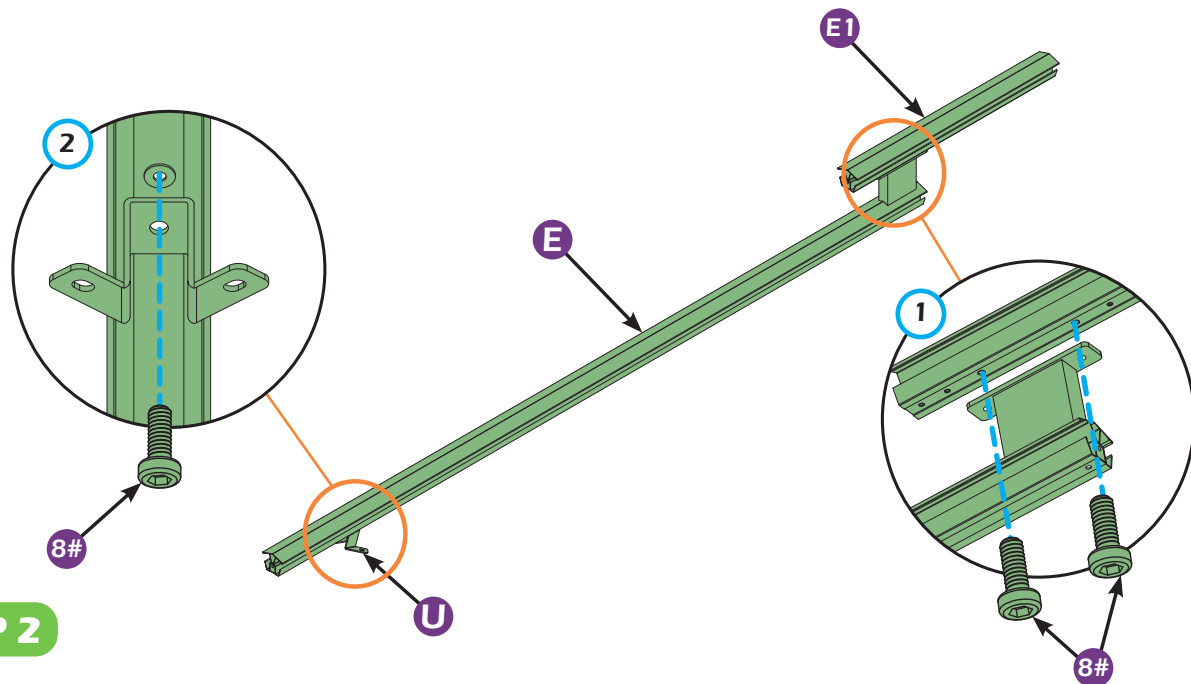
**E1** × 4



**U** × 4



**8#** × 12



**STEP 2**



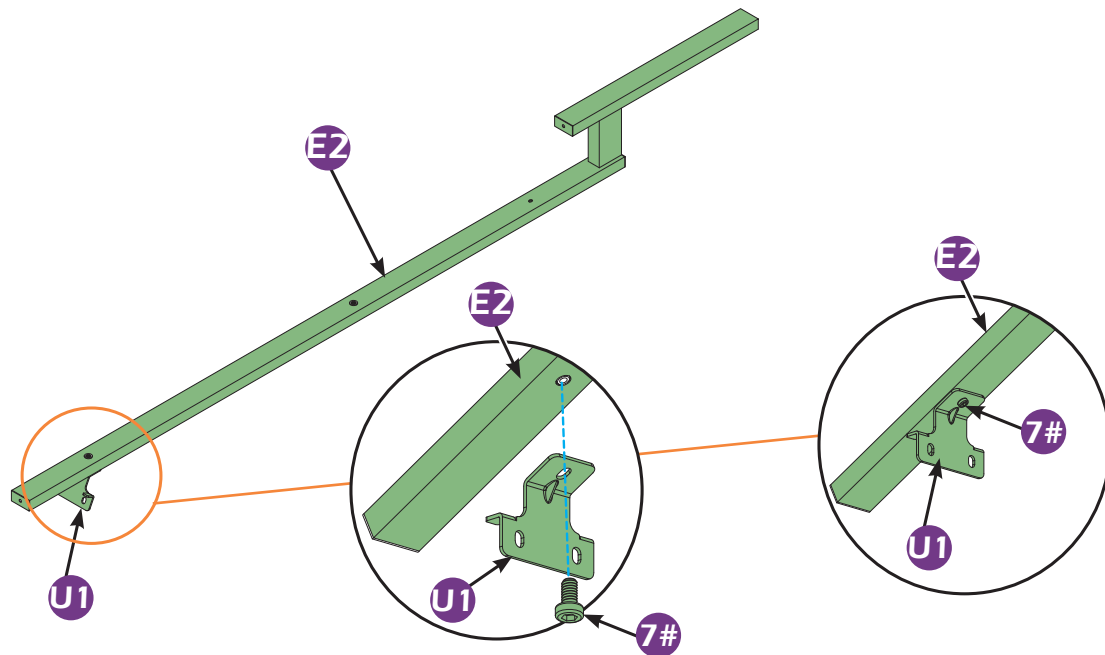
E2 × 8



U1 × 8



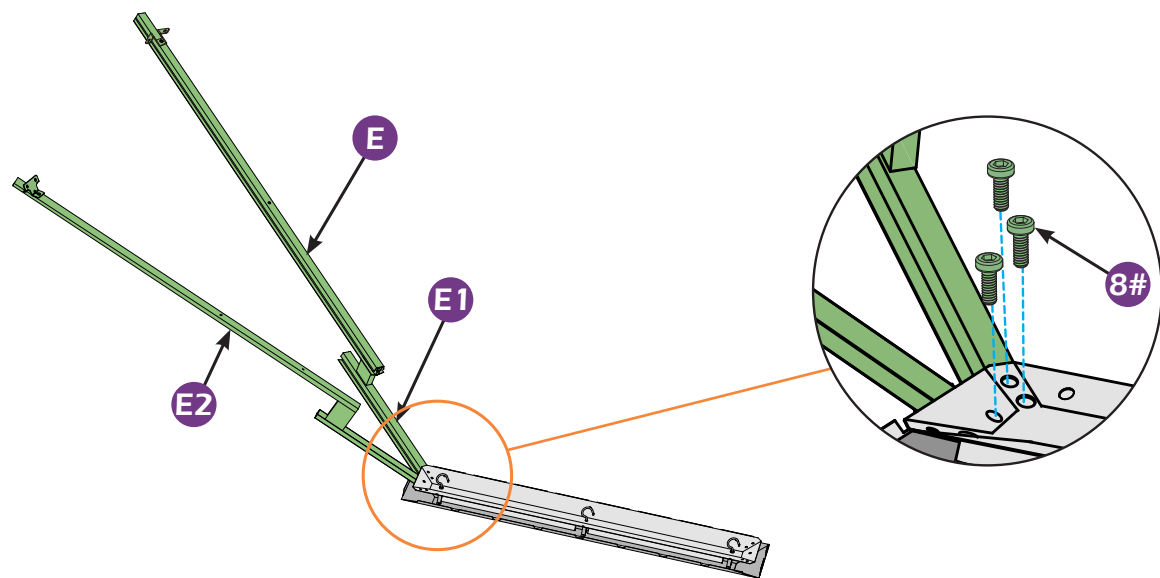
7# × 8



**STEP 2**



8#×3

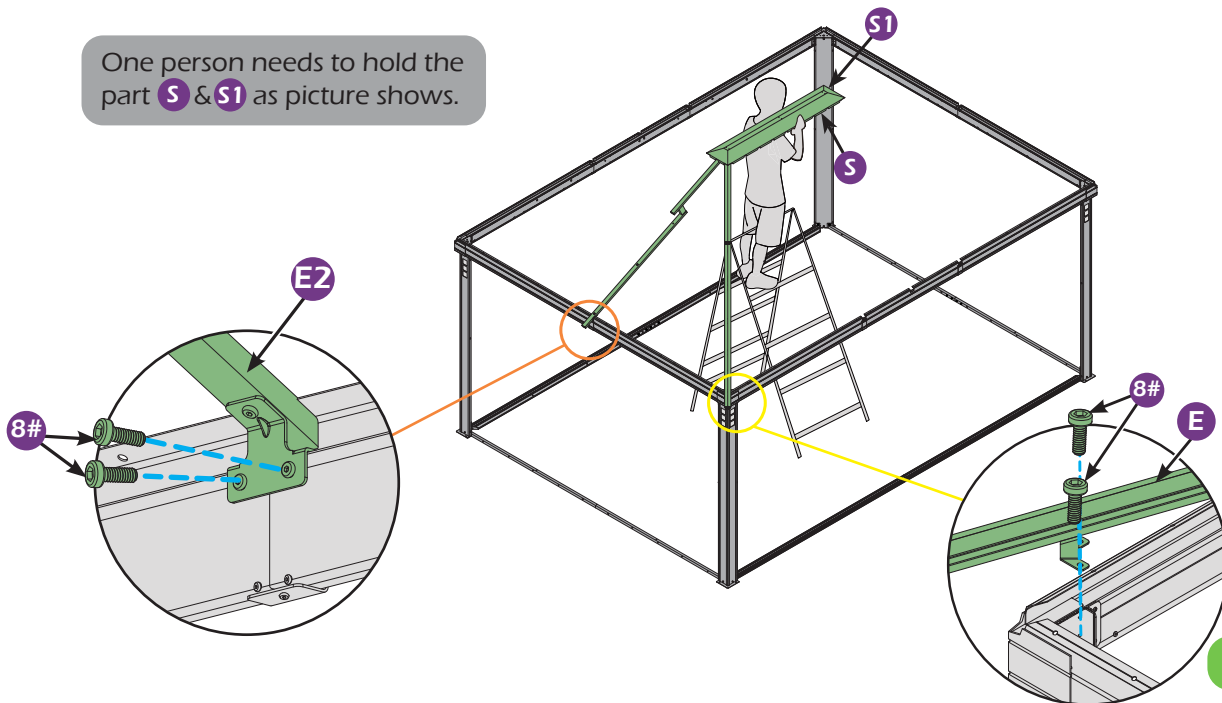


**STEP 2**



8# × 4 

One person needs to hold the part **S** & **S1** as picture shows.



**STEP 2**



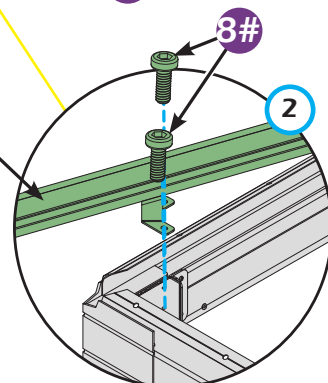
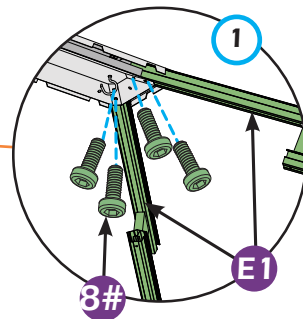
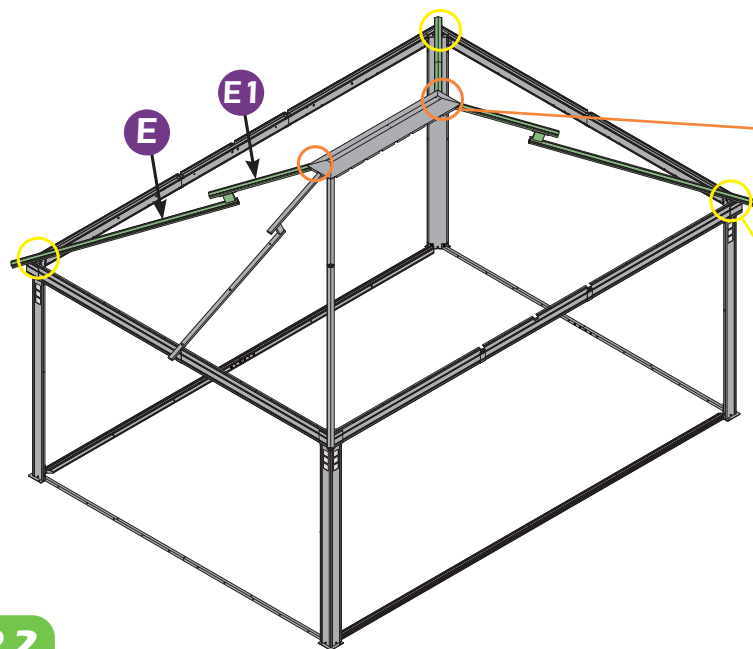
**E** × 3



**E1** × 3



**8#** × 12



**STEP 2**

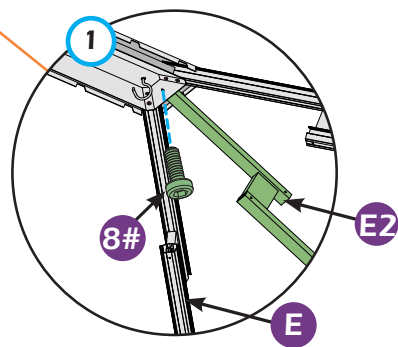
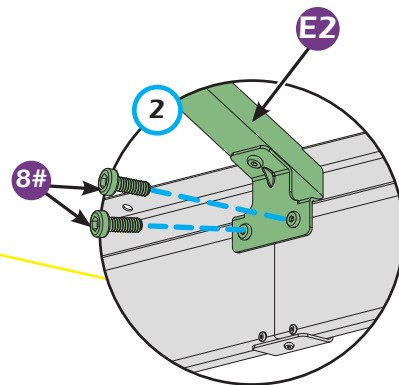
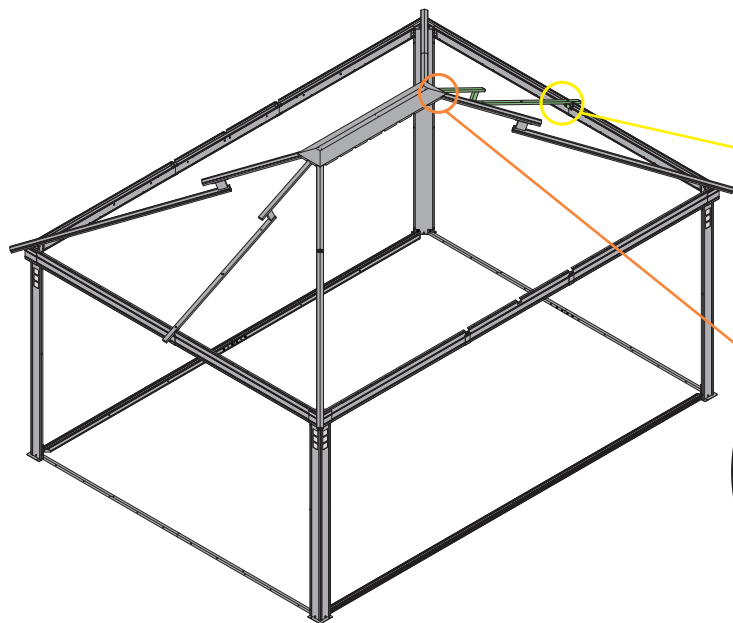




E2 × 1



8# × 3



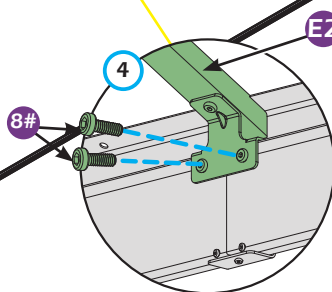
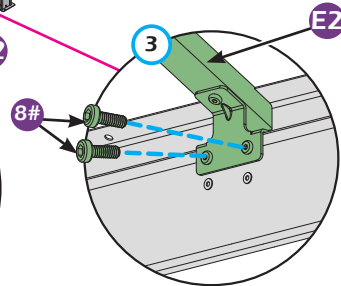
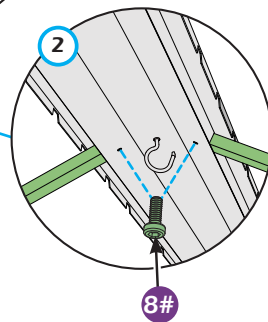
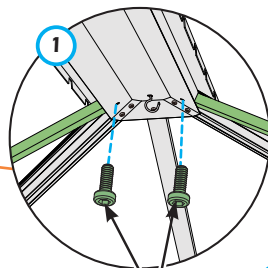
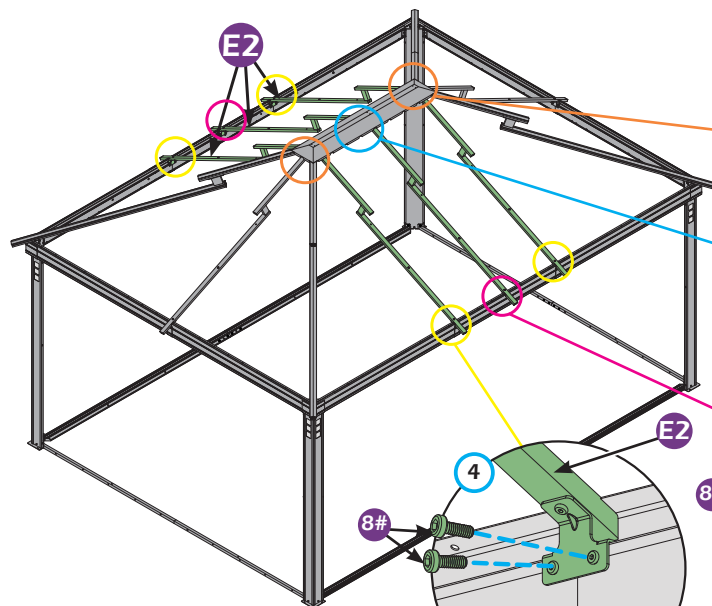
**STEP 2**



E2 × 6

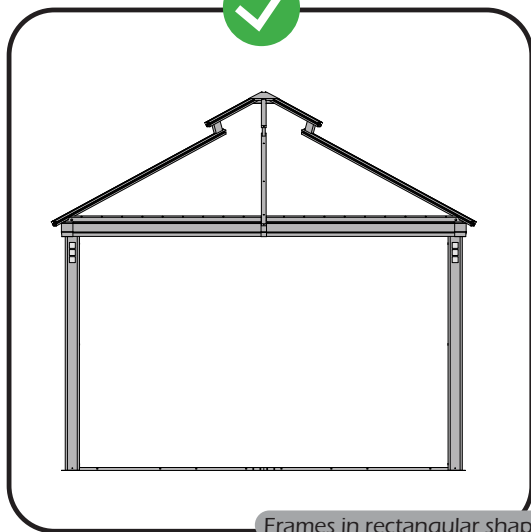


8# × 18

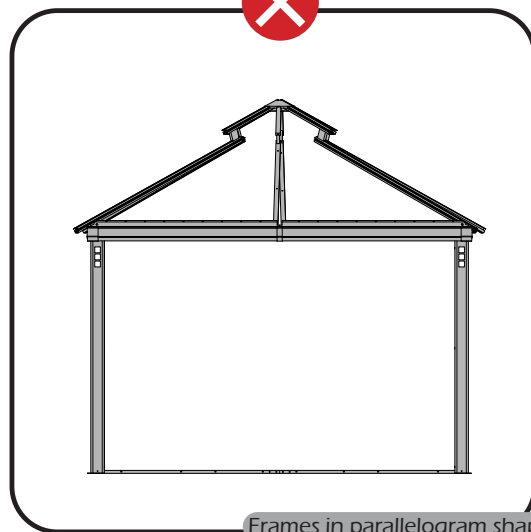


**STEP 2**

Check if the frame shows as pictures below.



Frames in rectangular shape



Frames in parallelogram shape

**STEP 2**



**J** × 2



**J1** × 2



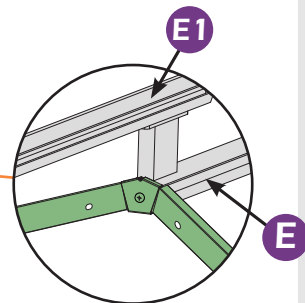
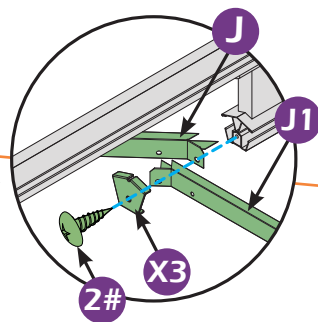
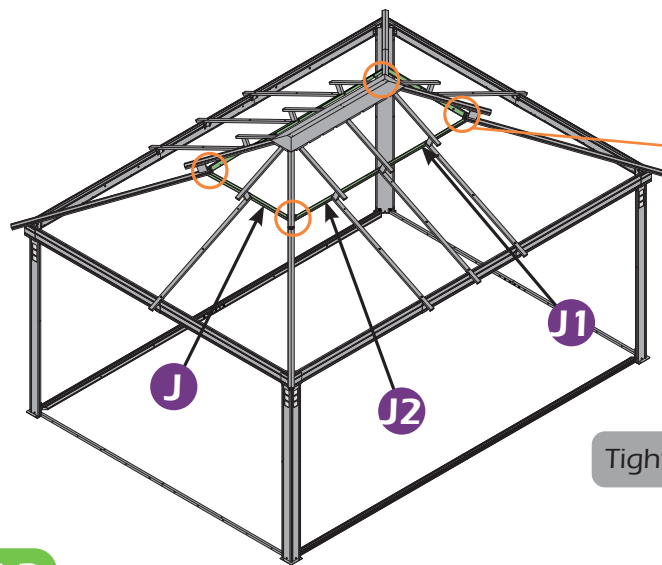
**J2** × 2



**X3** × 4



**2#** × 4



Tighten the screws on the corners.

**STEP 2**



Q × 2

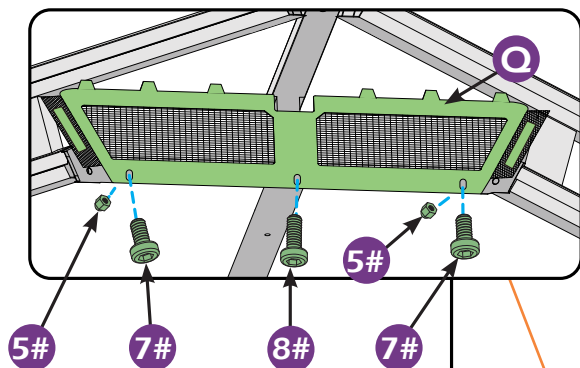
Q1 × 2

Q2 × 2

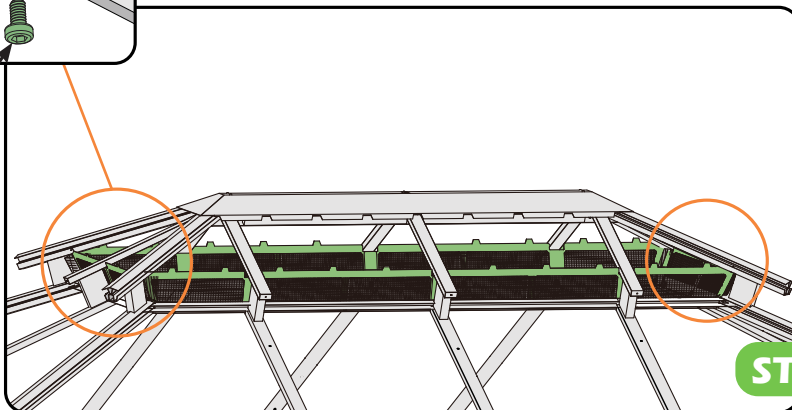
5# × 12

7# × 12

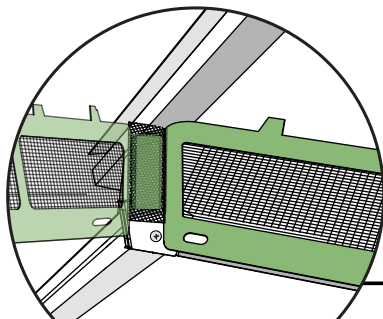
8# × 8



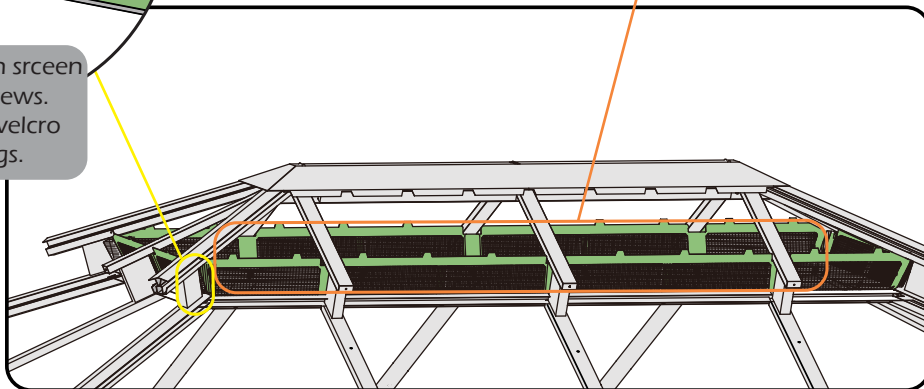
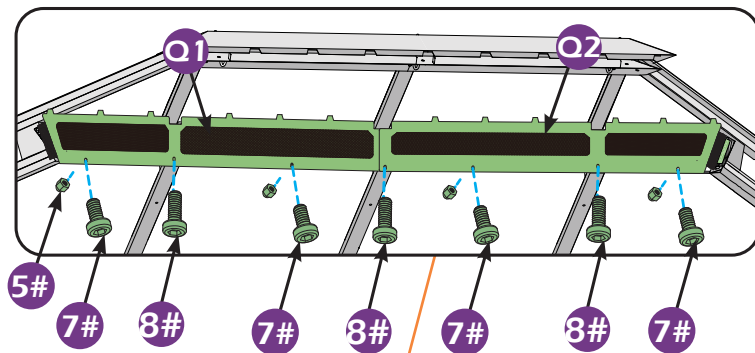
**Attention:** Please smooth screen first and then tighten screws.



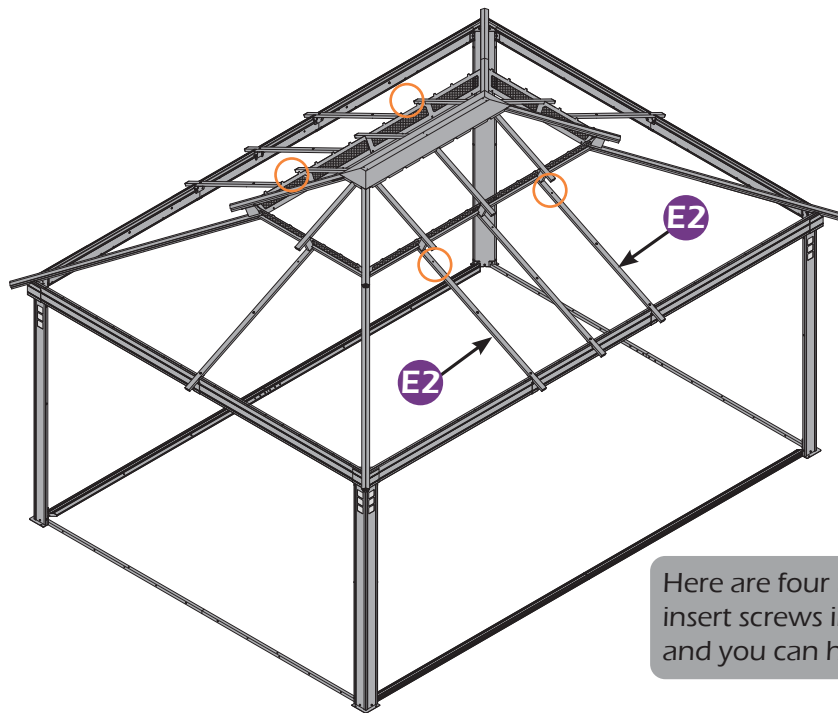
**STEP 2**



**Attention:** Please smooth screen first and then tighten screws. Don't forget to stick the velcro between the bug nettings.

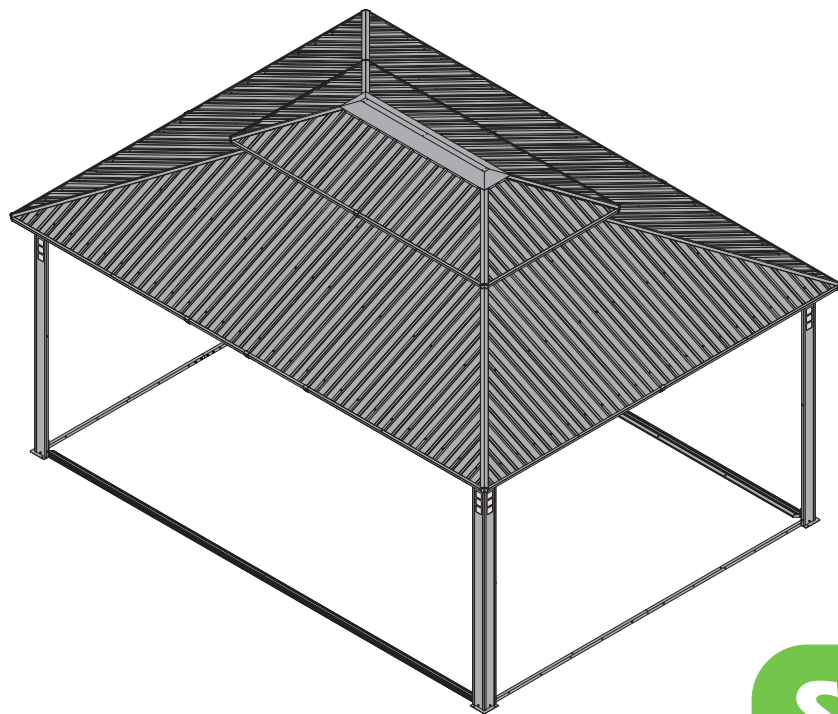


## STEP 2



Here are four holes on part **E2** do not need to insert screws in. It will not affect normal usage and you can hang lights per you need.

**STEP 2**



**STEP 3**





L1×2



L2×2



L3×2



L4×2



Z×20



Z1×4



N1×2



N2×2



N3×4



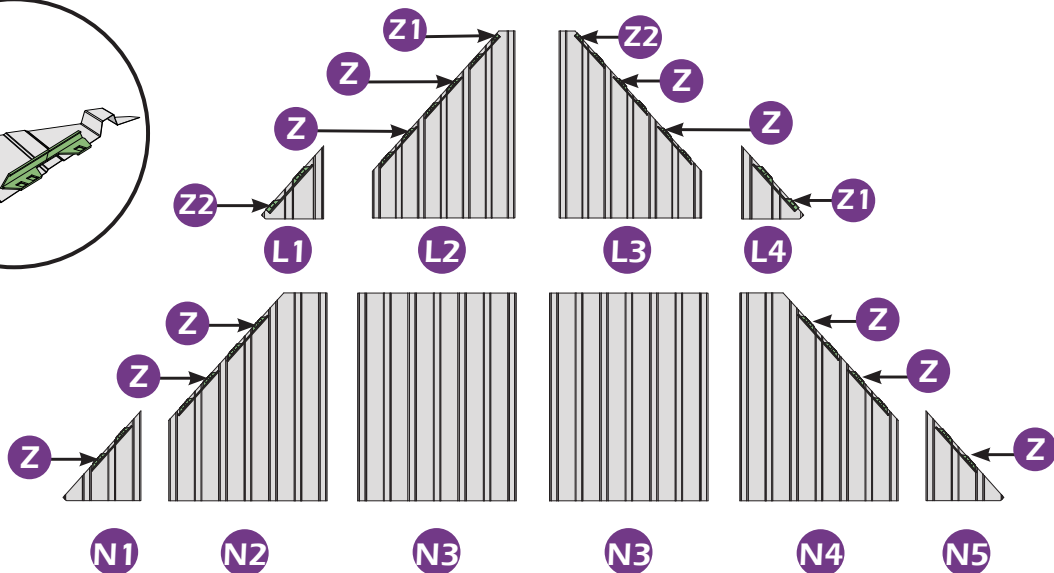
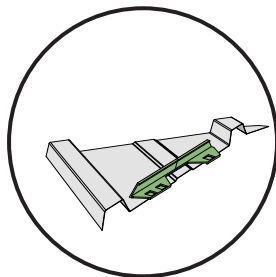
N4×2



N5×2



Z2×4



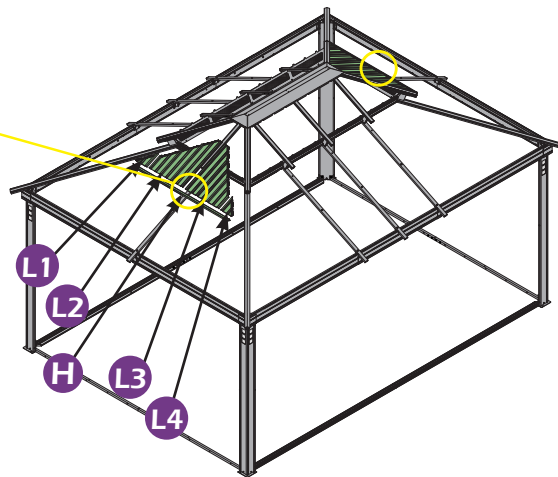
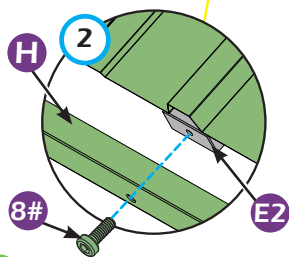
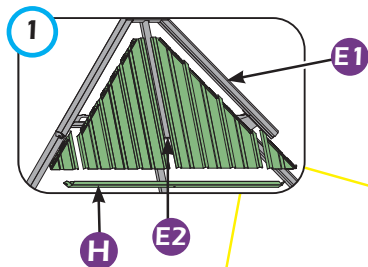
**STEP 3**



H × 2



8# × 2



**STEP 3**



H1×2



H2×2



X2×2



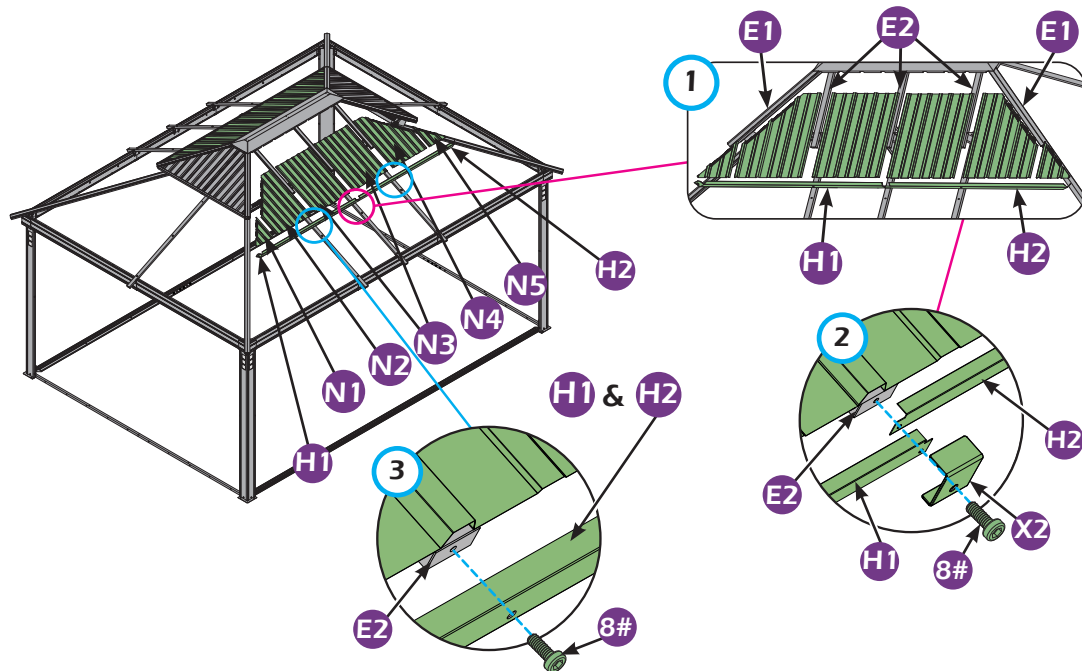
X3×4



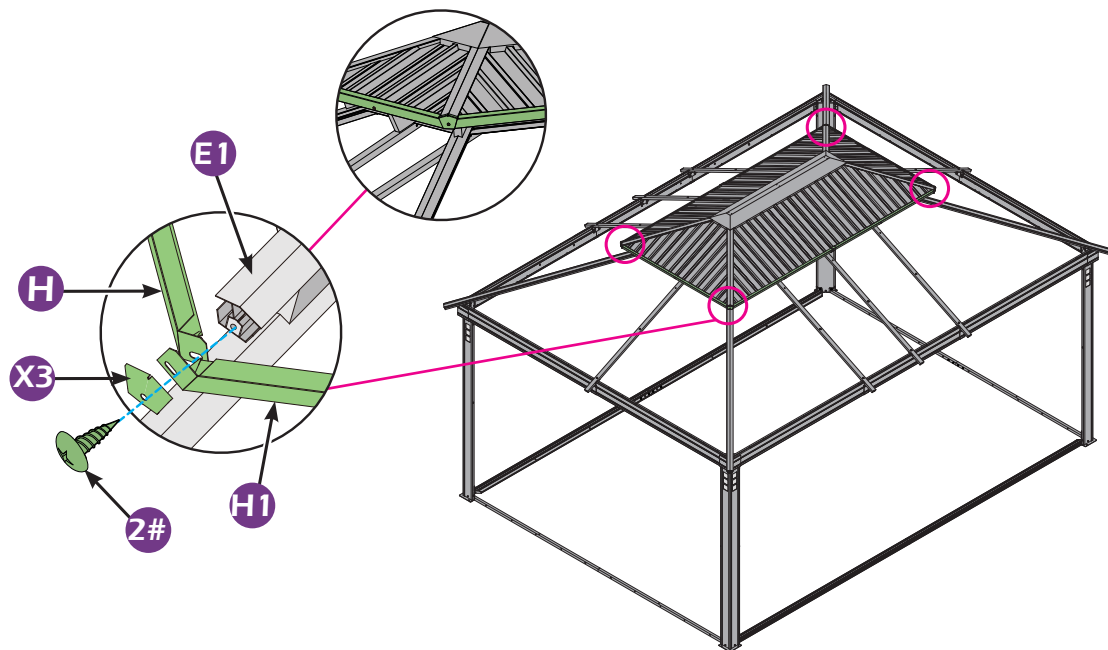
8#×6



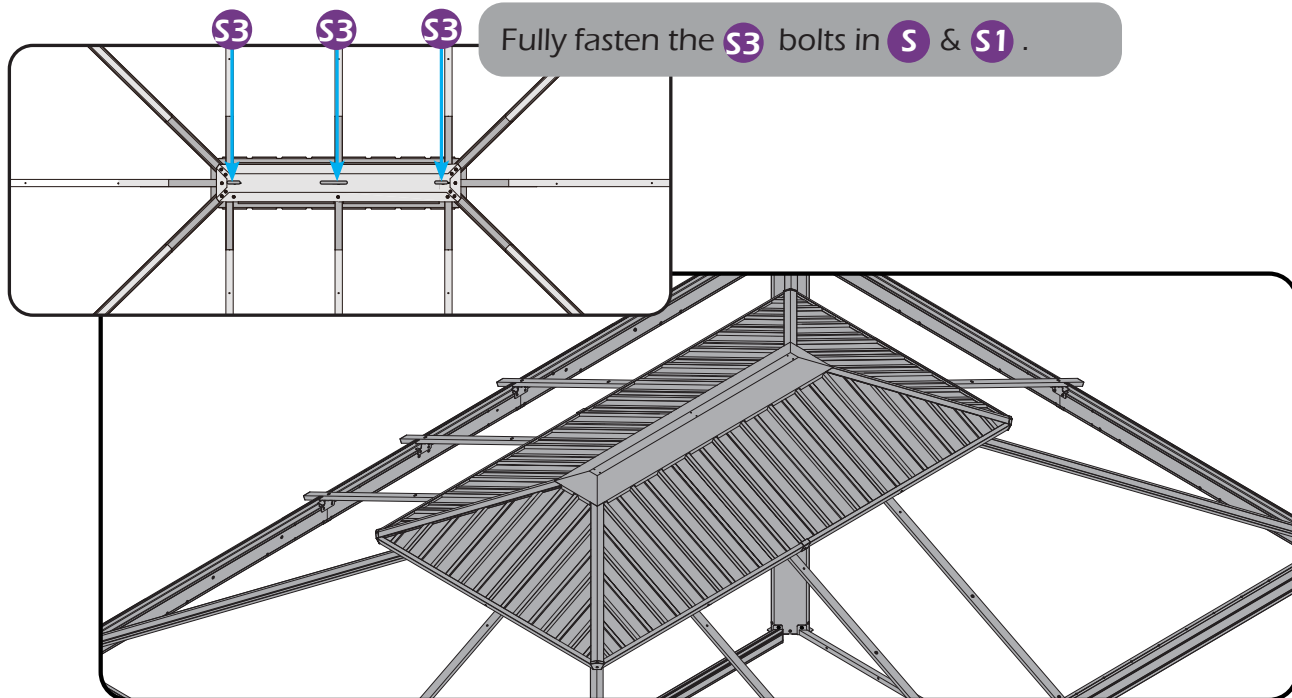
2#×4



**STEP 3**



**STEP 3**



**STEP 3**



**G1** × 4



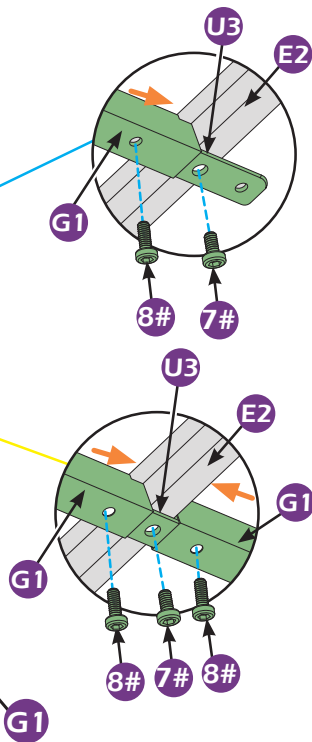
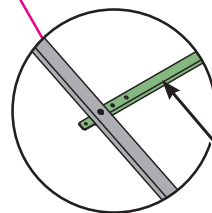
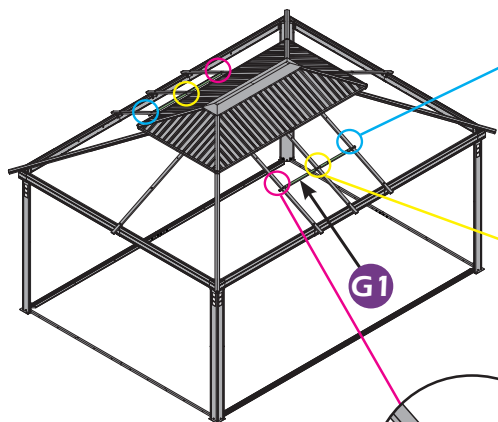
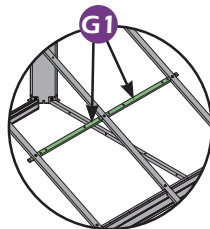
**7#** × 6



**U3** × 6



**8#** × 8



### STEP 3

Please pay attention to the direction of part **G1**.  
The side with two wider holes faces middle.



**F** × 4



**U2** × 4



**7#** × 2



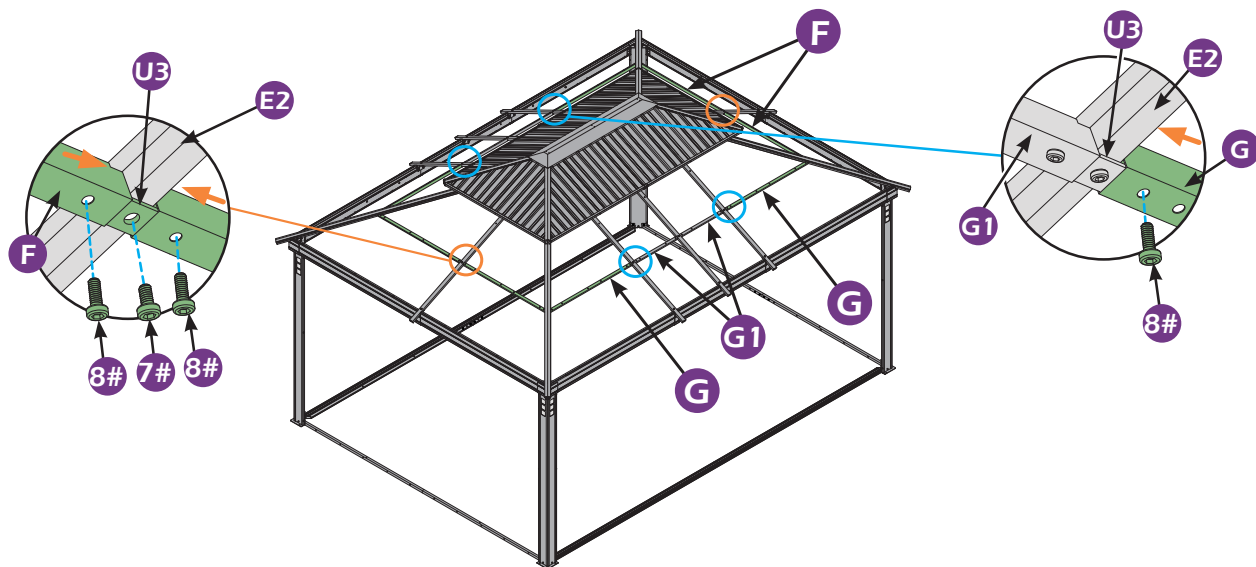
**G** × 4



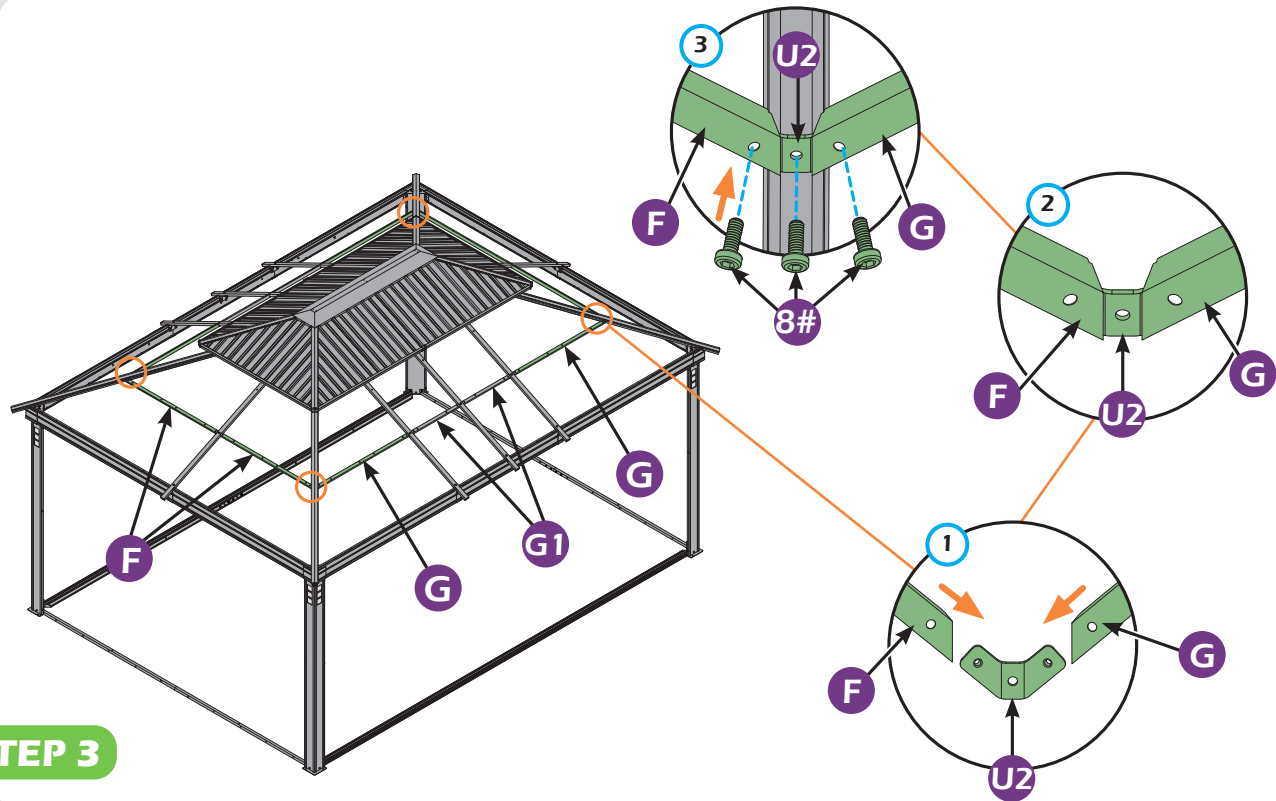
**U3** × 2



**8#** × 20



**STEP 3**



**STEP 3**





M1 x 2

M2 x 2

M3 x 2

M4 x 2

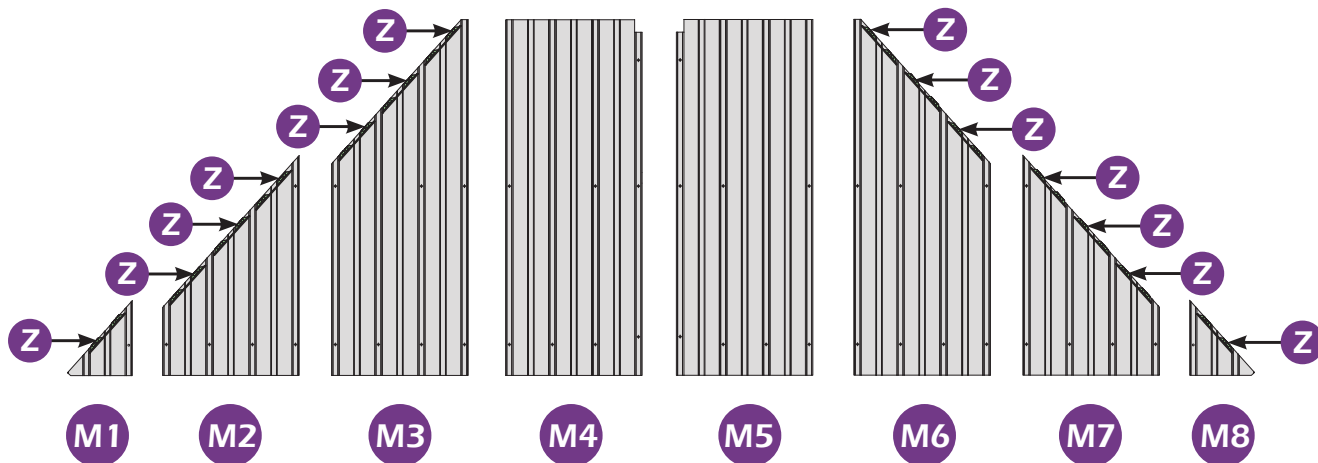
Z x 28

M5 x 2

M6 x 2

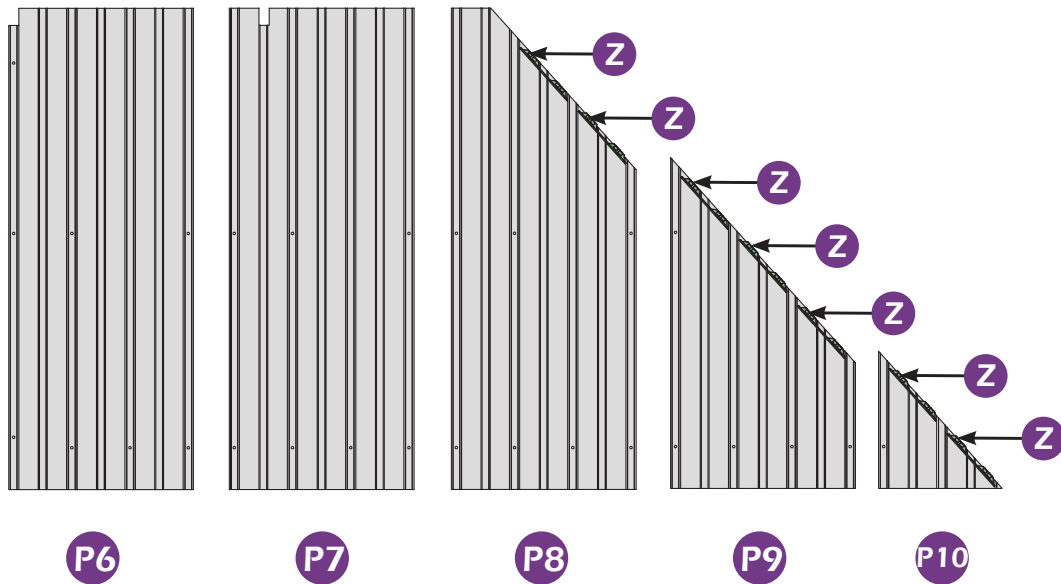
M7 x 2

M8 x 2



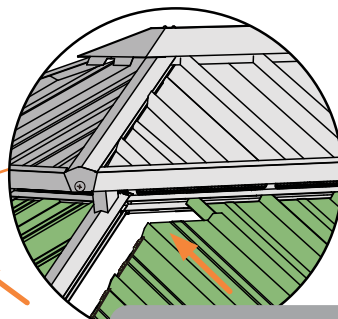
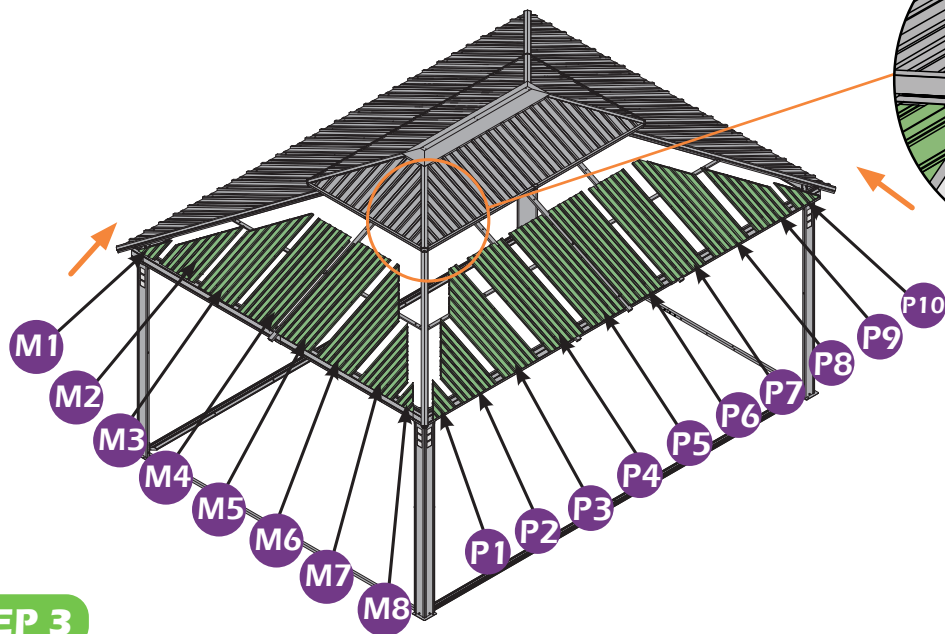
**STEP 3**



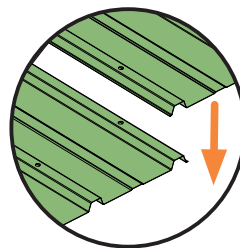


**STEP 3**

Install the middle panels first ( P4 , P5 , P6 or M4 , M5 ) then the small panels on the edge. Overlap panels by one single.  
Ensure tighten the screws and rubber cubes for each panel's installation as next page shows.



Ensure the panels stay in the rails as picture indicates.



### STEP 3



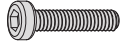
5#×84



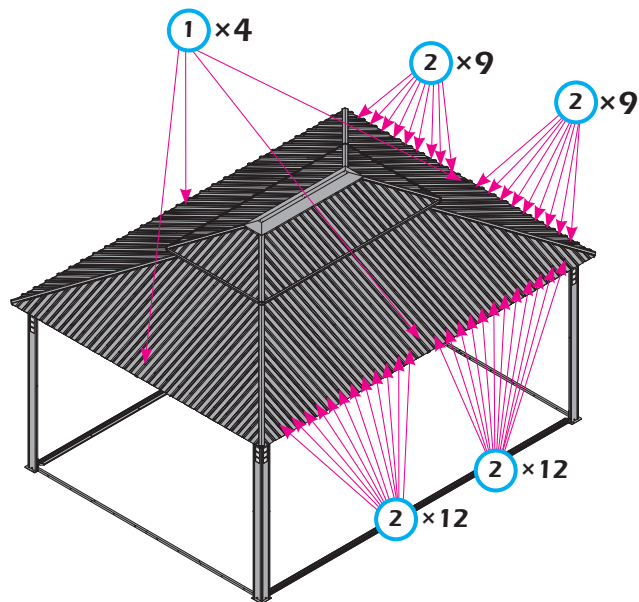
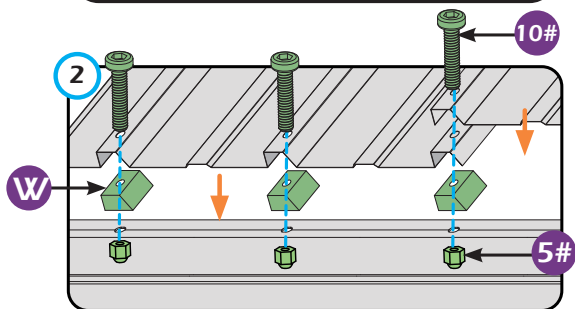
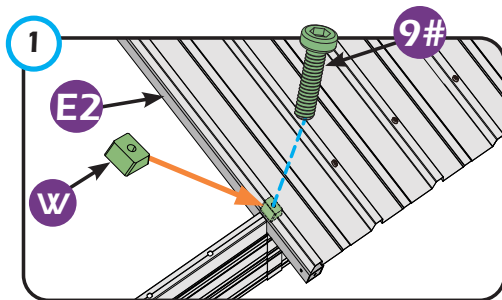
9#×4



10#×84



W×88



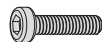
**STEP 3**



5#×44



9#×4



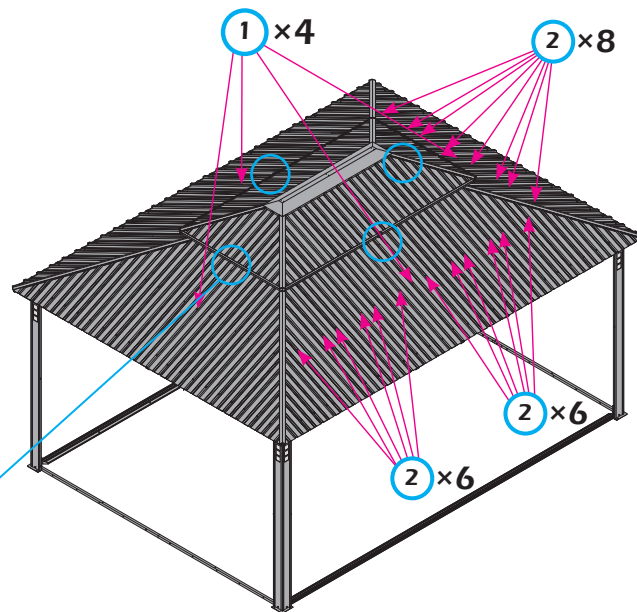
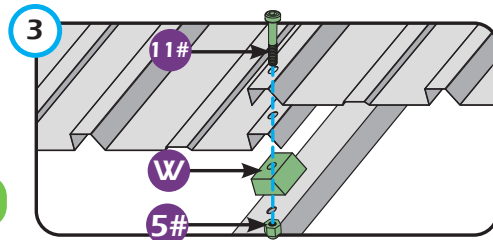
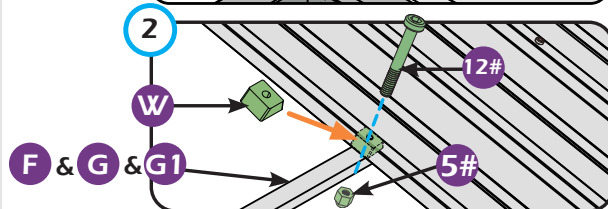
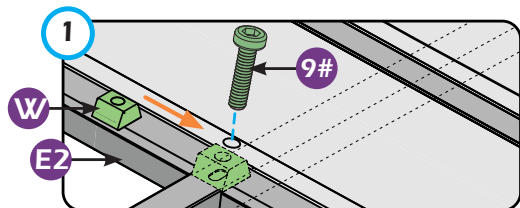
12#×40



11#×4



W×48



**STEP 3**



K × 2



K2 × 2



X2 × 6



K3 × 2



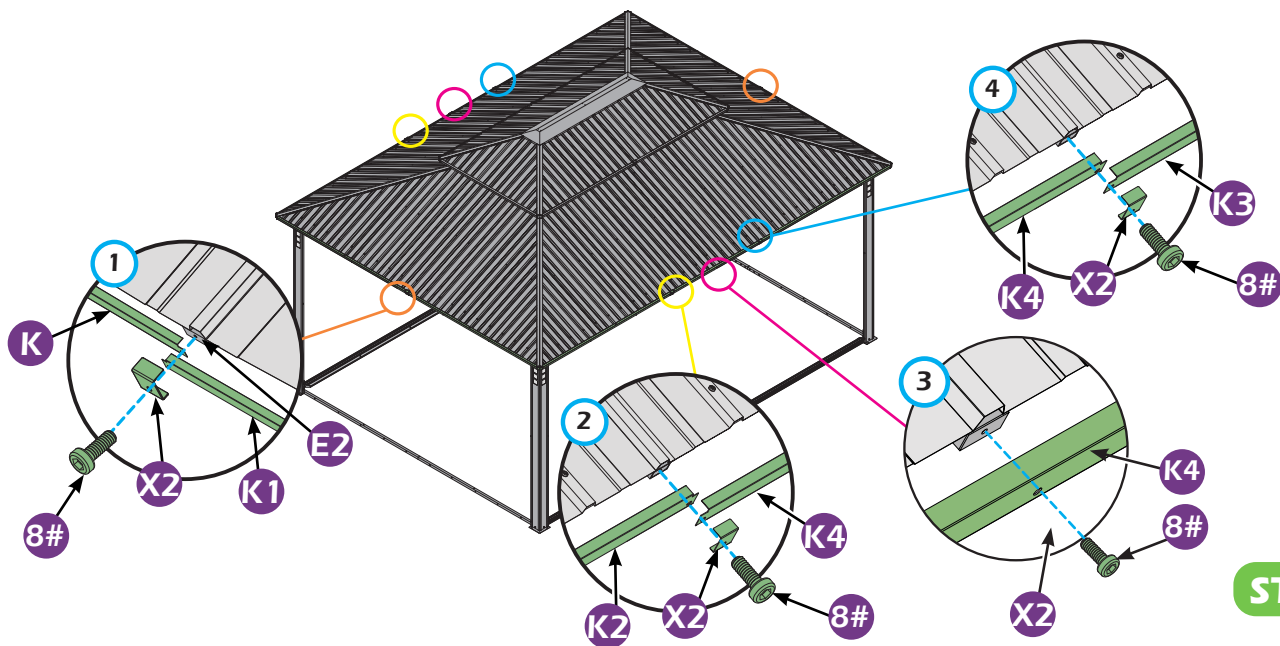
K1 × 2



K4 × 2



8# × 8



**STEP 3**



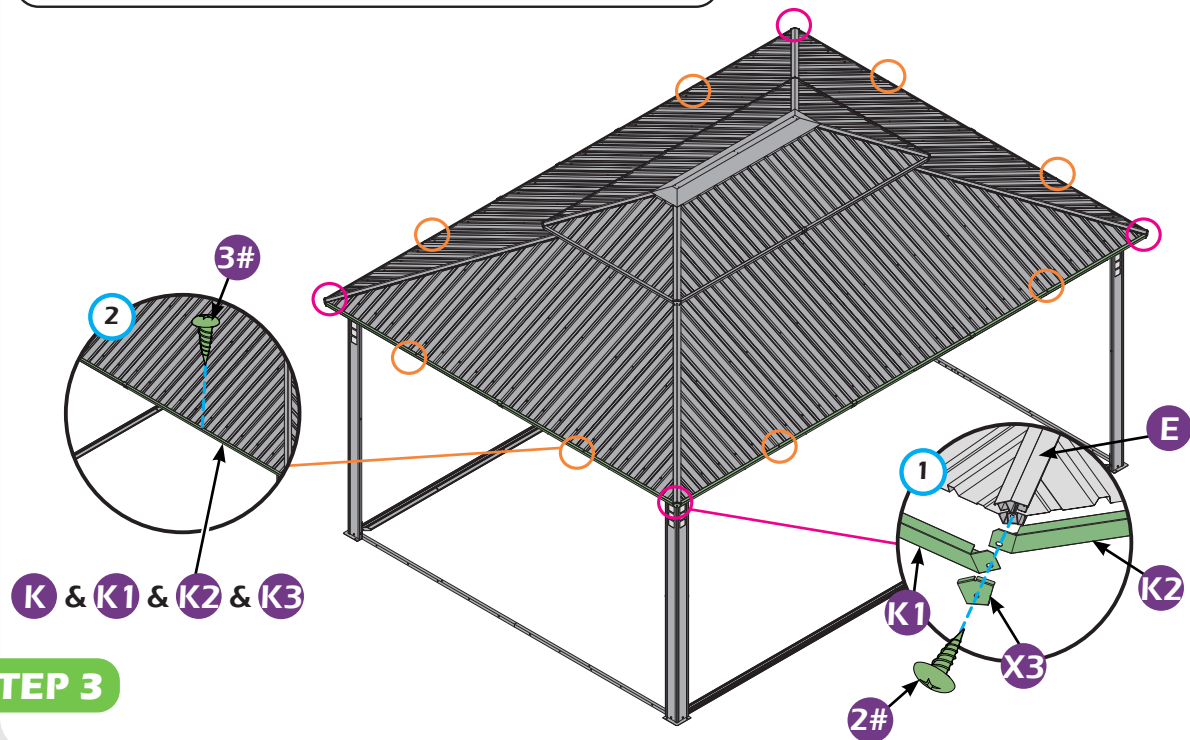
2# × 4



3# × 8



X3 × 4

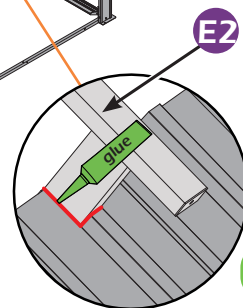
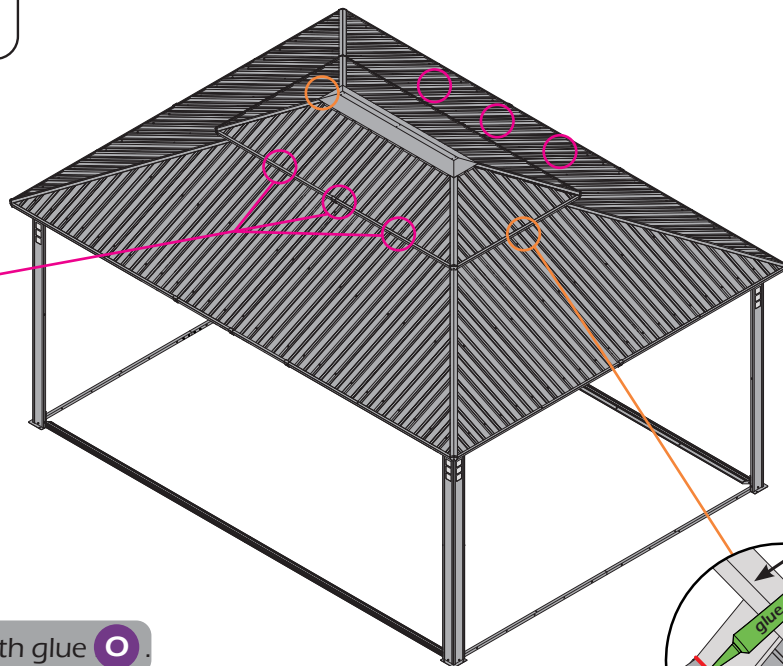
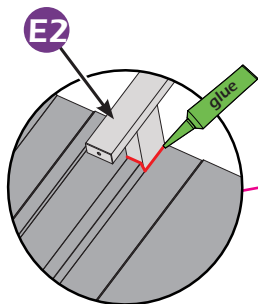


**STEP 3**



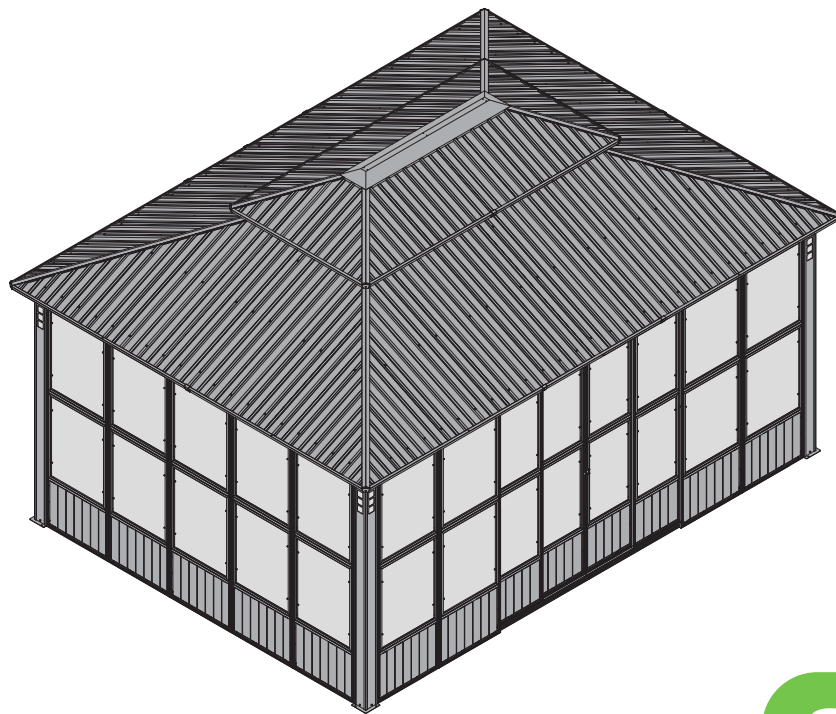


○ × 1



**Attention:** Fill the gaps with glue ○

**STEP 3**



**STEP 4**



**V** × 8



**Y** × 2



**V1** × 2



**Y1** × 2



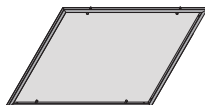
**V2** × 8



**Y2** × 2



**AA** × 36



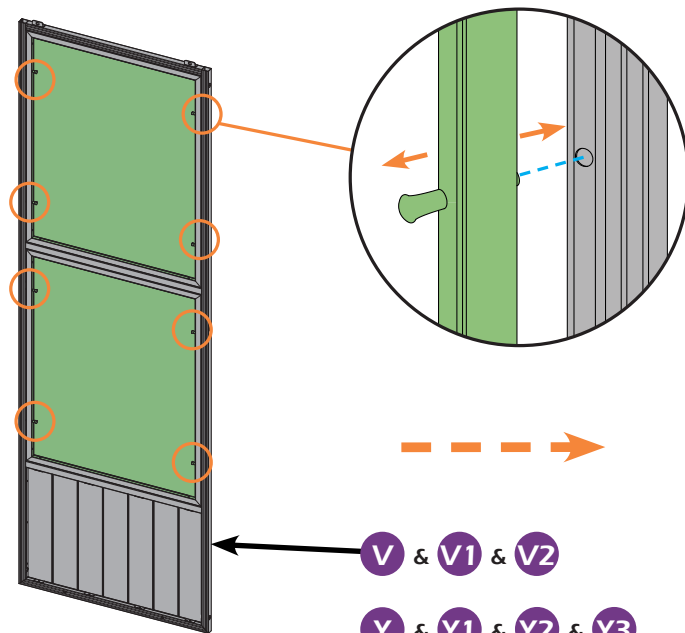
**BB** × 16



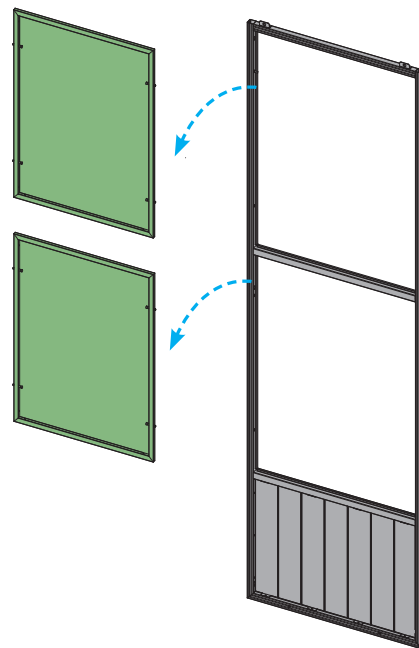
**Y3** × 2



**STEP 4**



Remove all of windows in each panel.



V & V1 & V2

Y & Y1 & Y2 & Y3

**STEP 4**



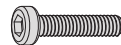
V2×8



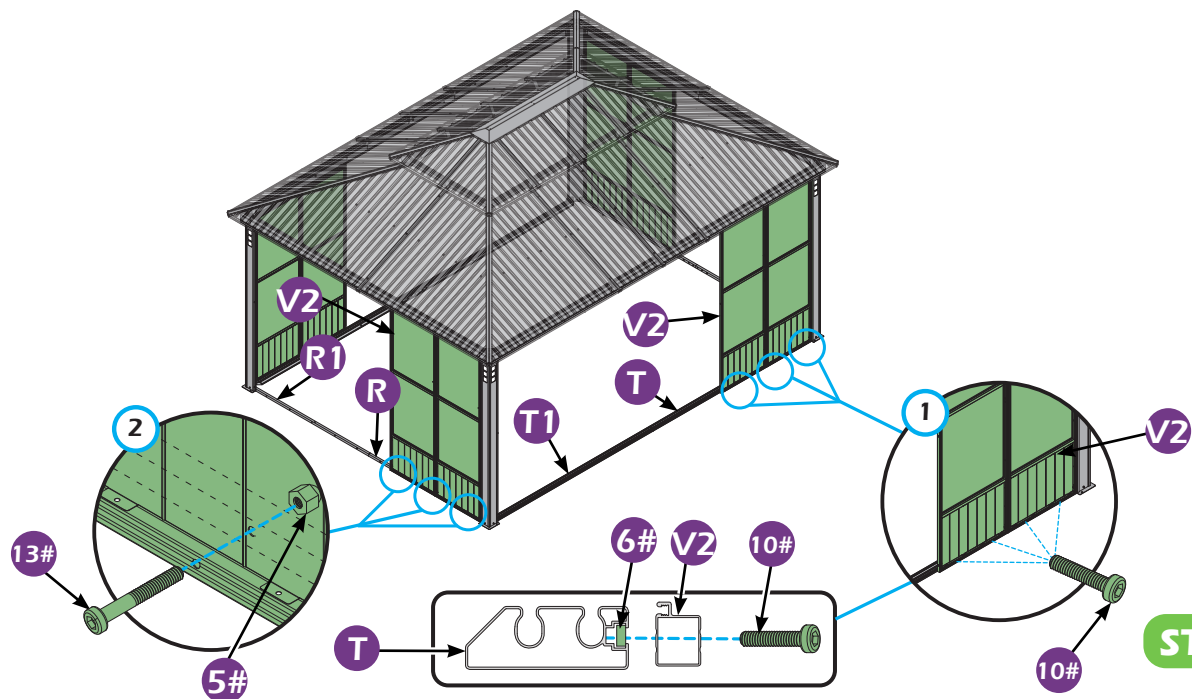
5#×8



10#×8



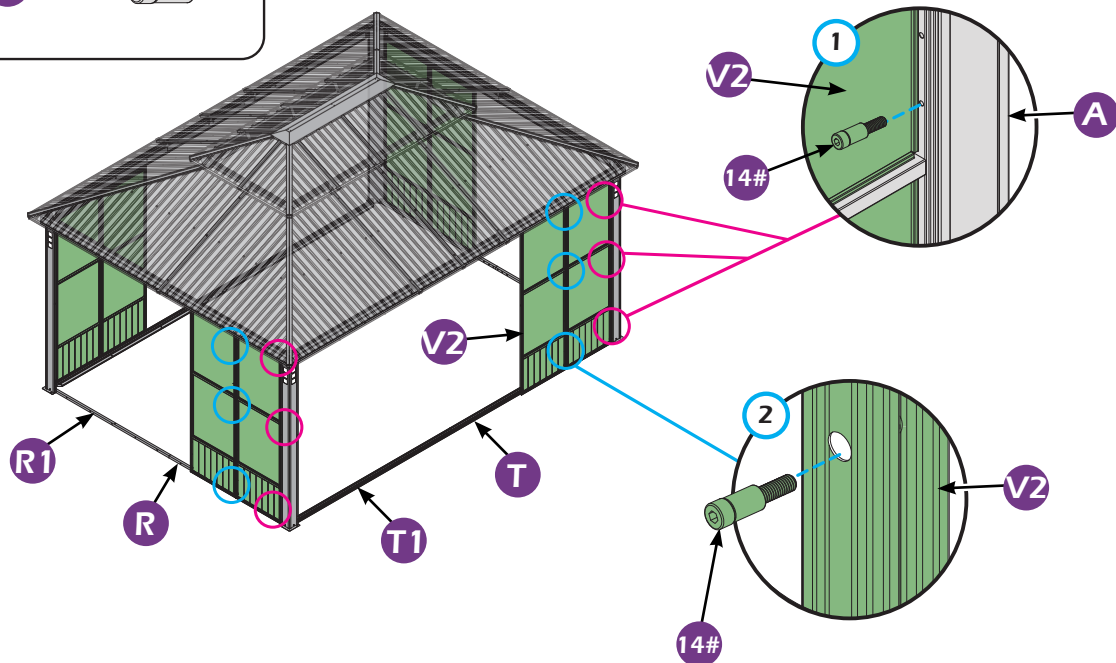
13#×8



**STEP 4**



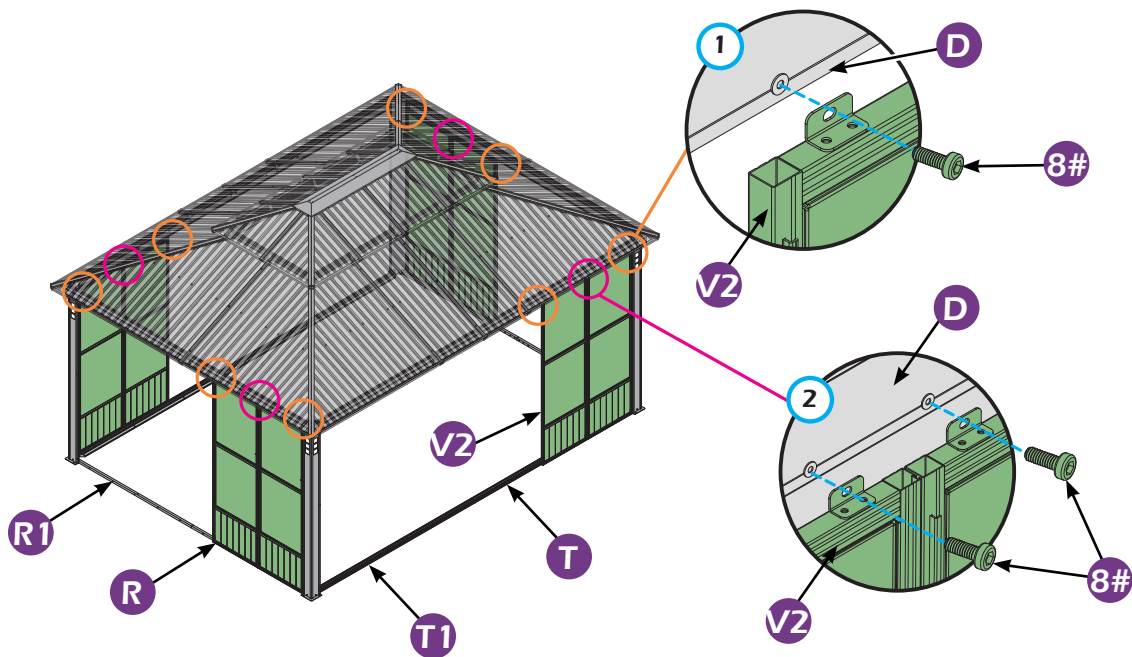
14# x 24



**STEP 4**



8#×16



**STEP 4**



V × 8



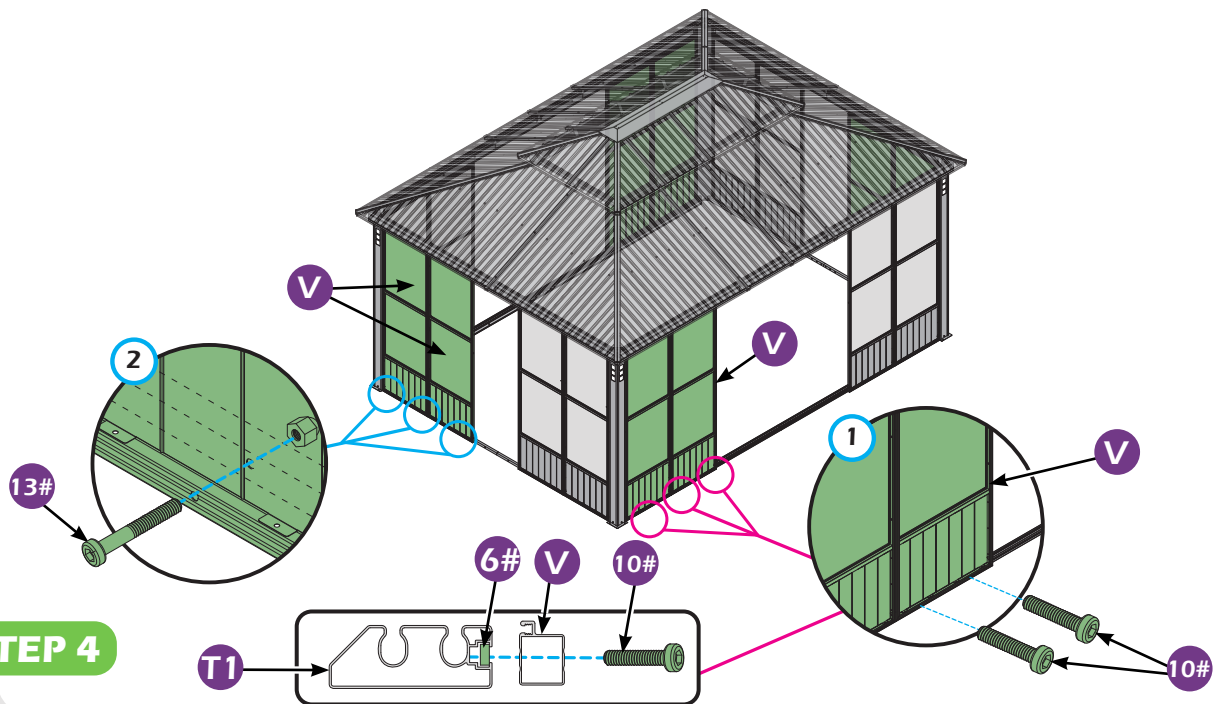
5# × 8



10# × 8



13# × 8

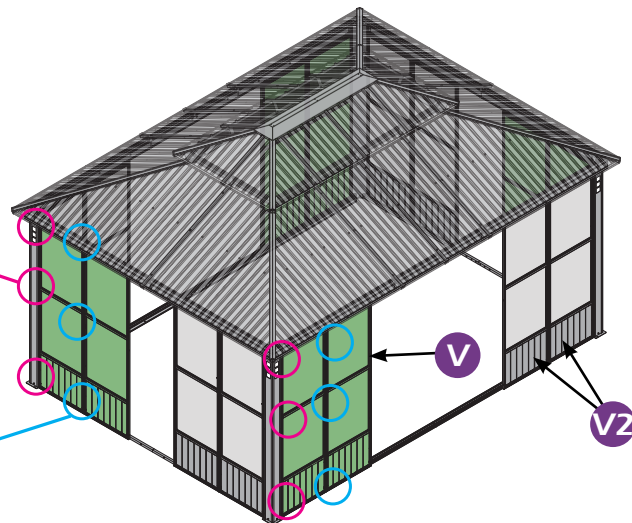
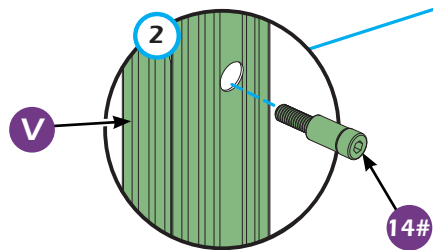
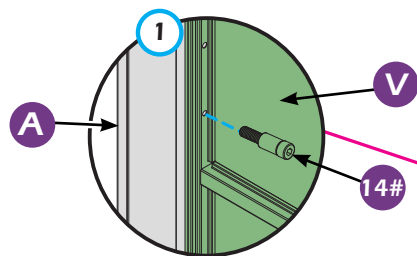


**STEP 4**





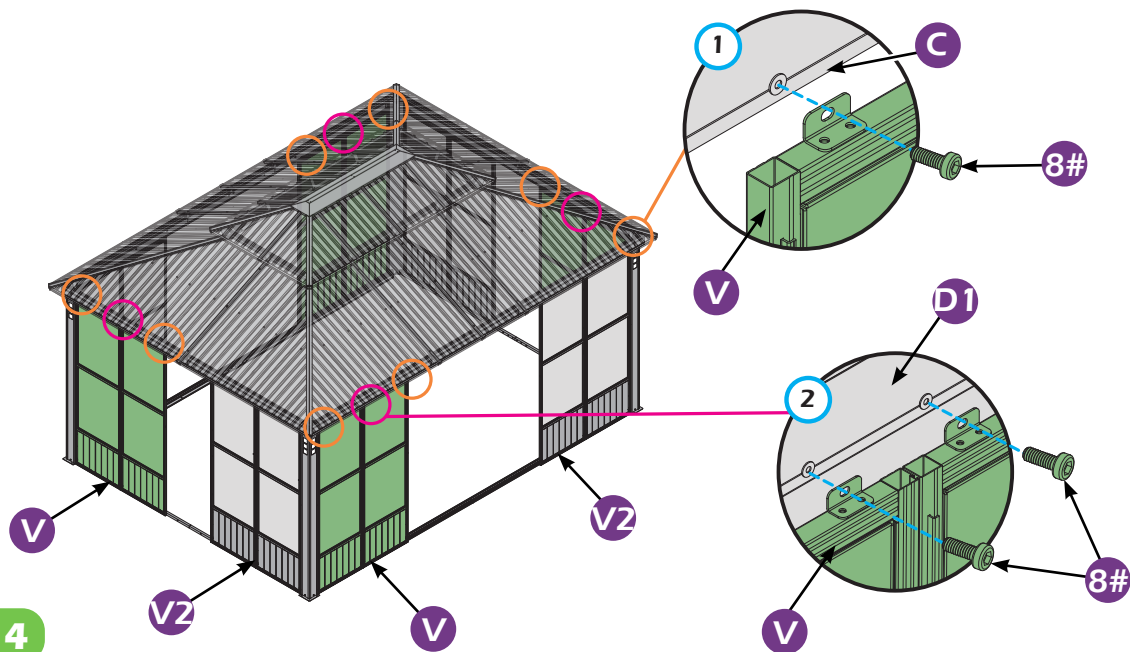
14#×24



**STEP 4**



8#×16



**STEP 4**



V1×2



5#×4



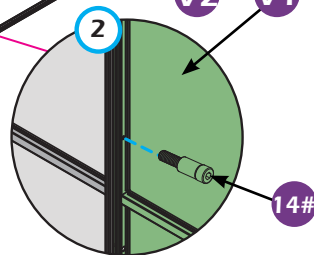
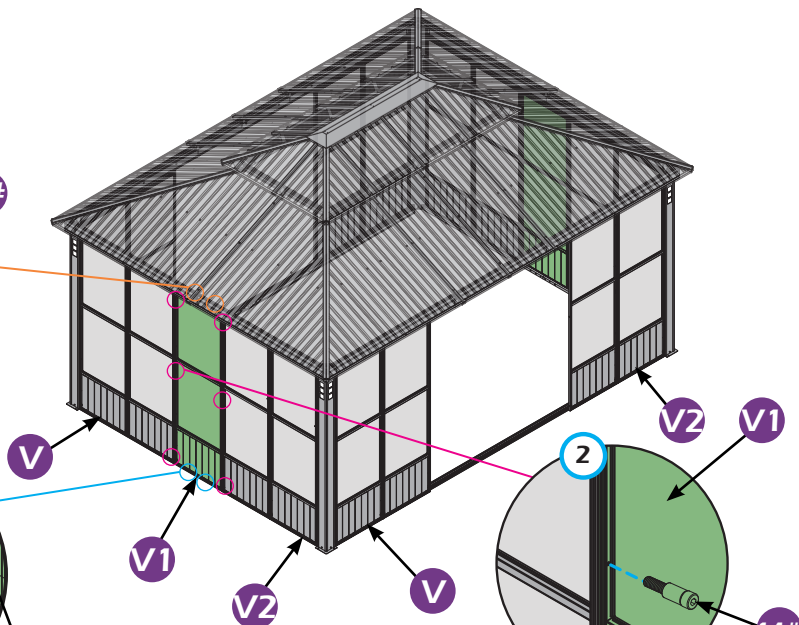
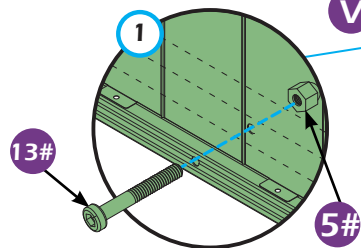
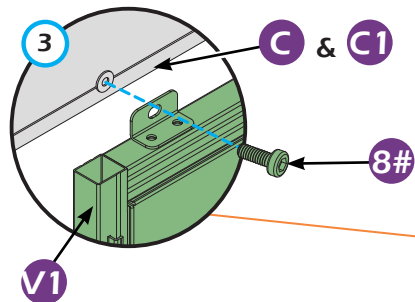
8#×4



13#×4



14#×12



**STEP 4**



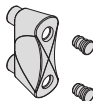
Y1×2



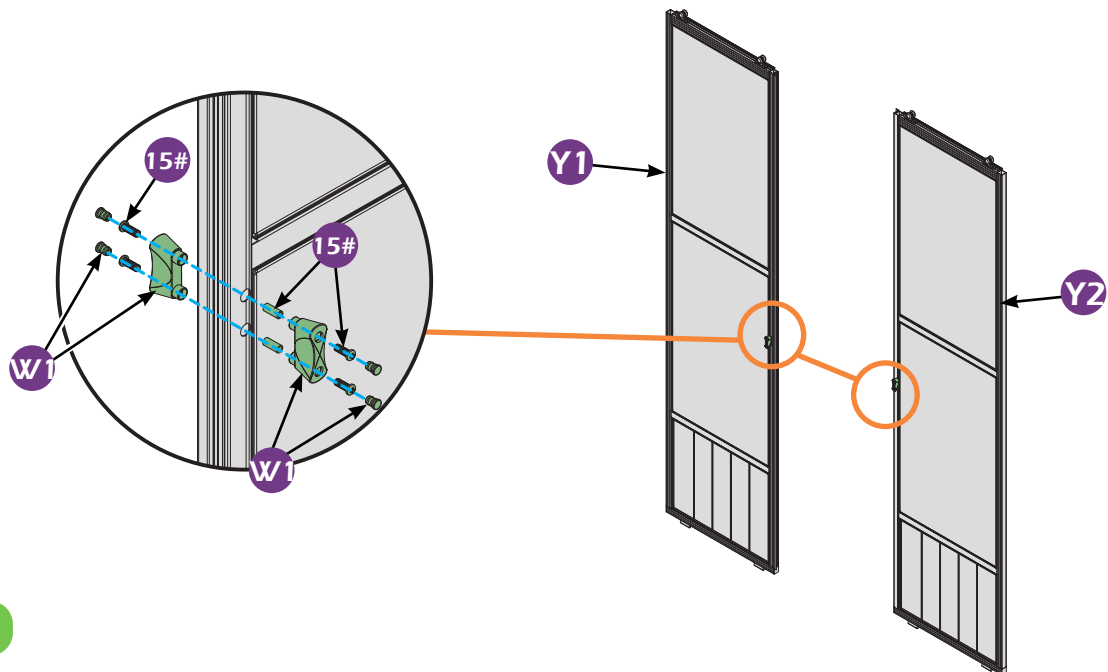
Y2×2



W1×8



15#×8



**STEP 4**



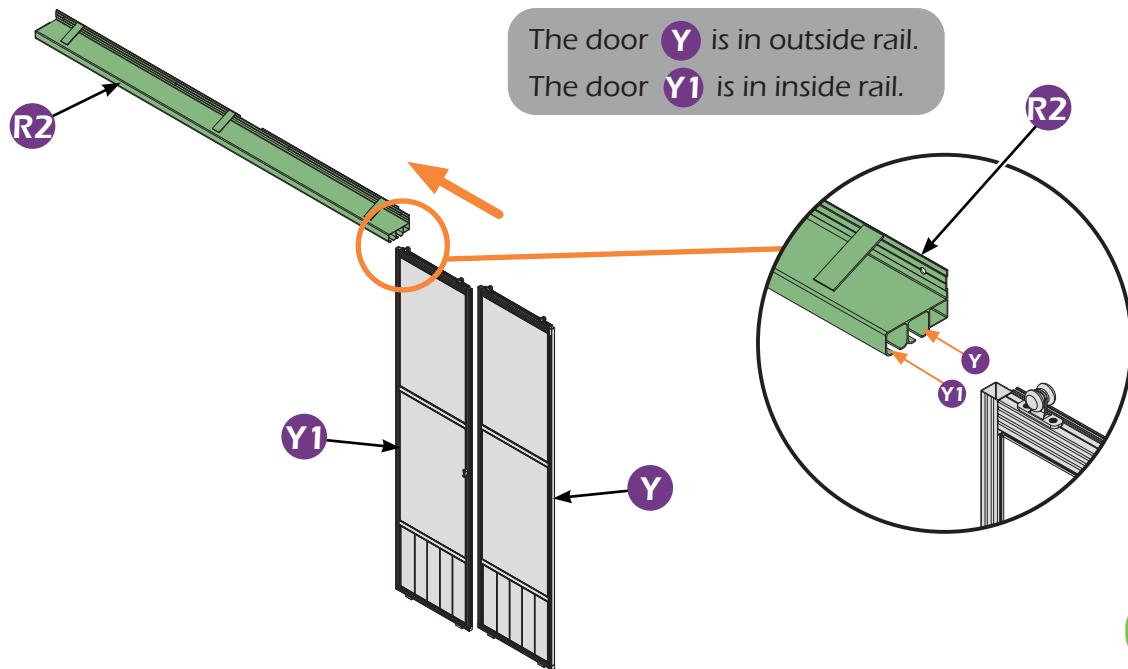
R2×2



Y×2



Y1×2



**STEP 4**



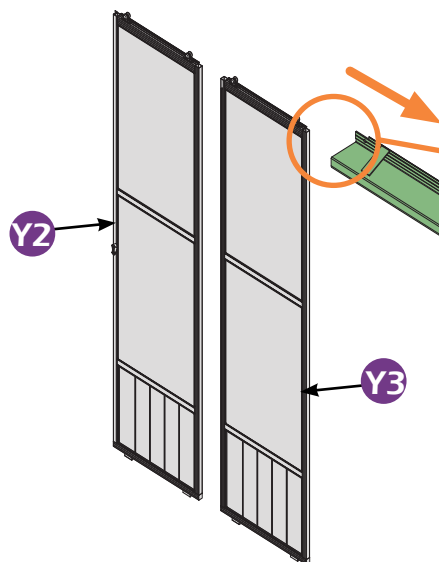
R3×2



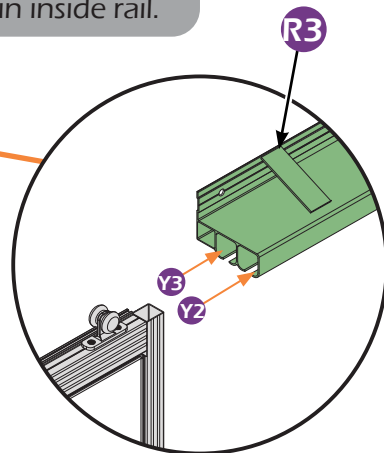
Y2×2



Y3×2



The door Y3 is in outside rail.  
The door Y2 is in inside rail.



**STEP 4**



Y × 2



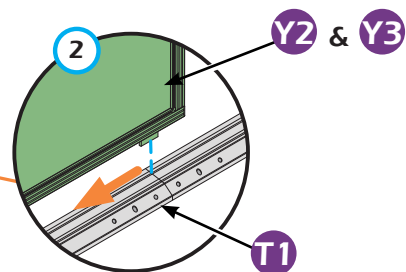
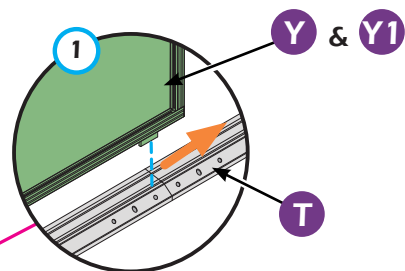
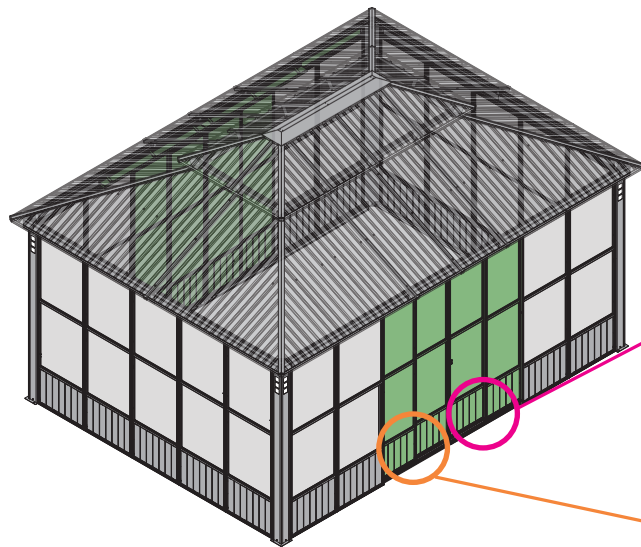
Y2 × 2



Y1 × 2



Y3 × 2



**STEP 4**



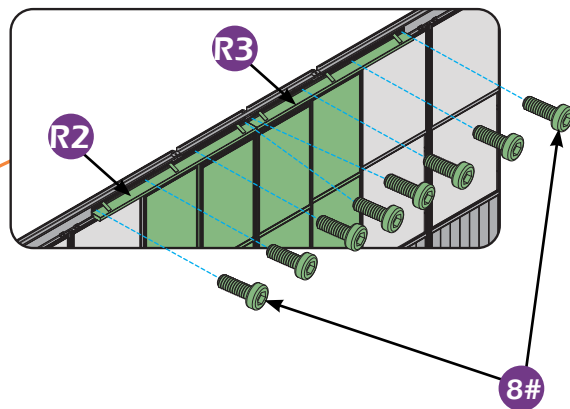
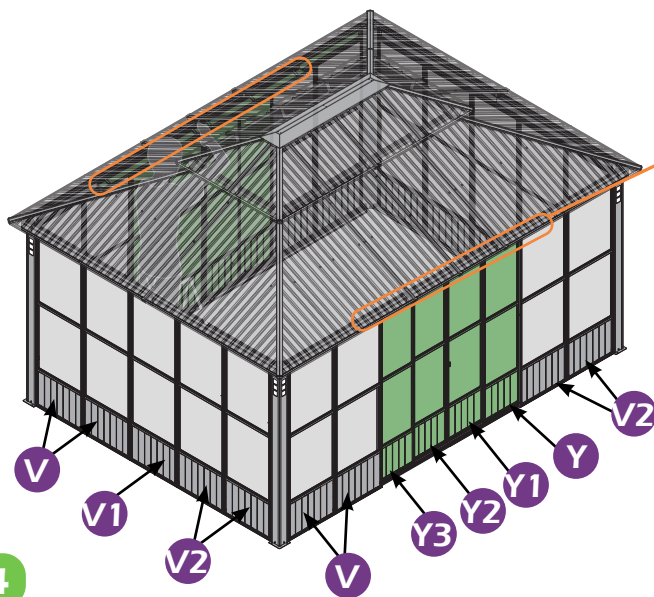
R2×2



R3×2



8#×16

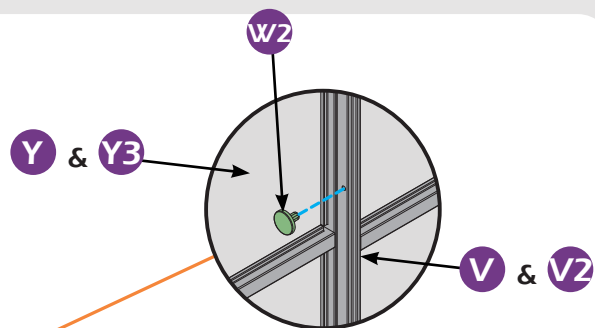
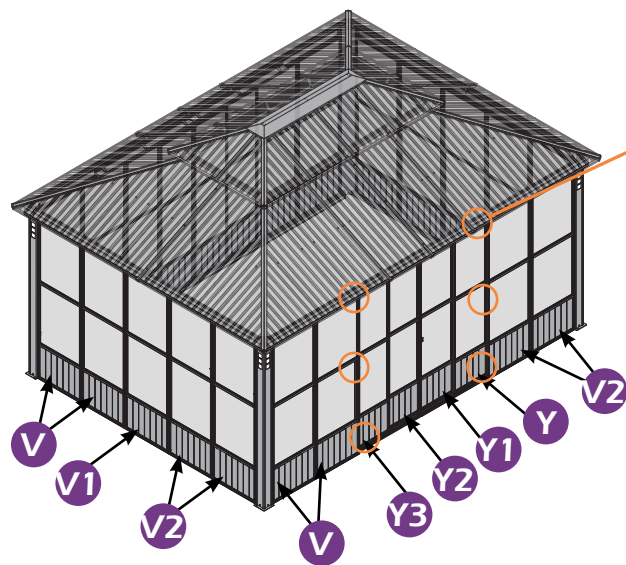


**STEP 4**

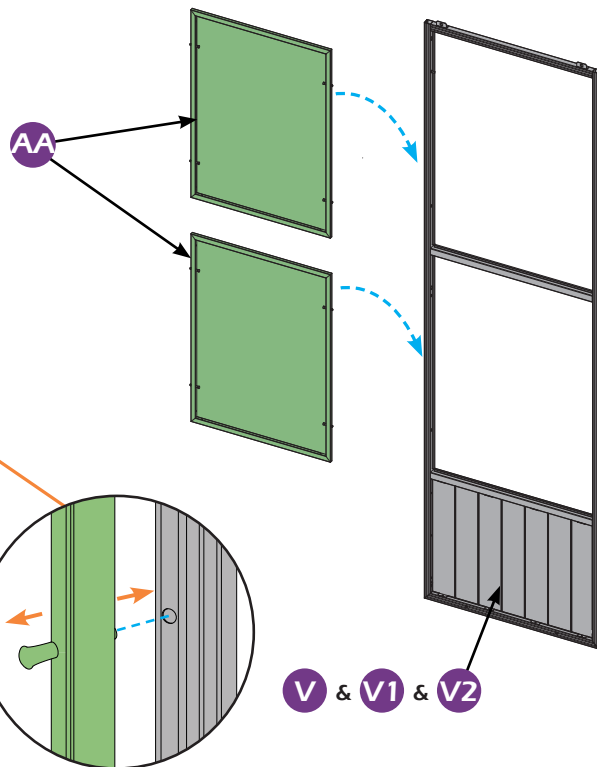
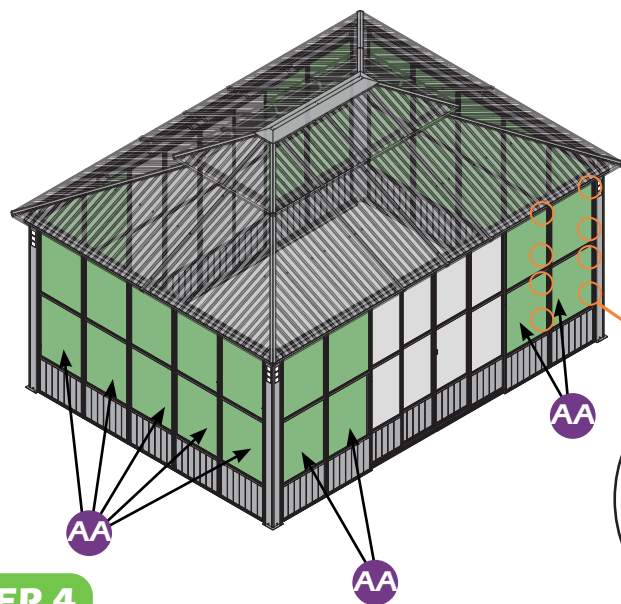
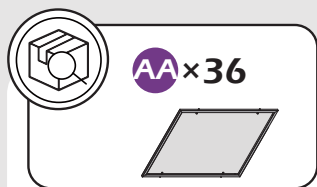




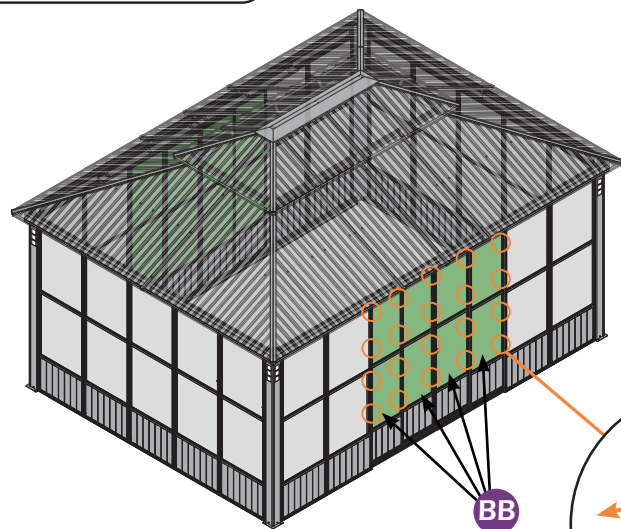
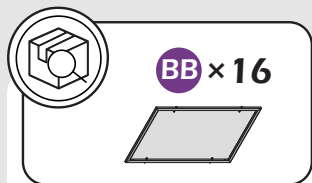
W2 × 12



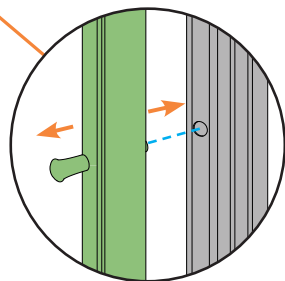
**STEP 4**



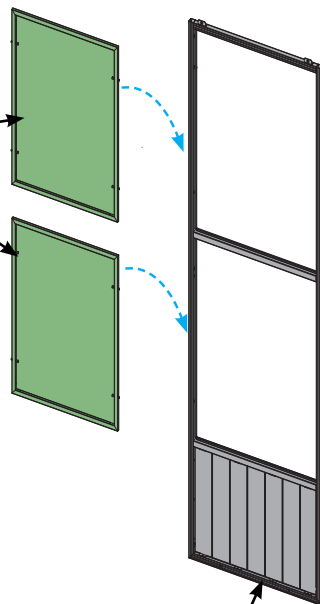
**STEP 4**



BB



BB



Y & Y1 & Y2 & Y3

**STEP 4**



I × 8



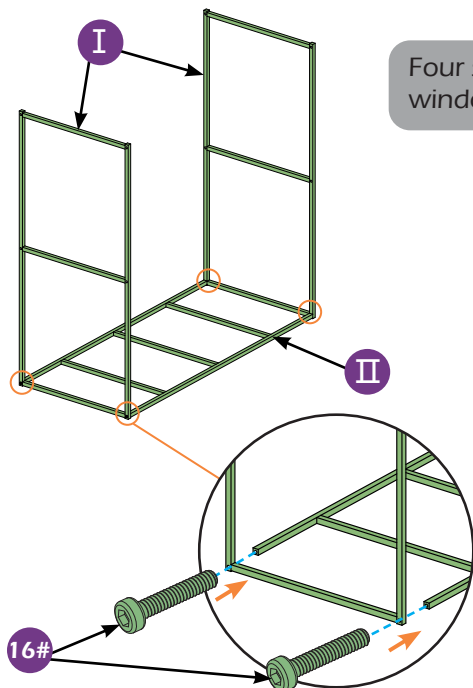
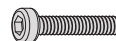
II × 4



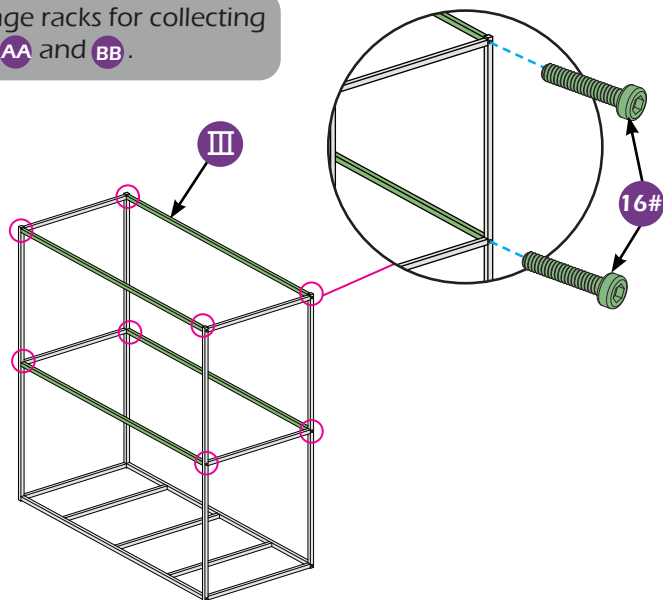
III × 16



16# × 48



Four storage racks for collecting windows AA and BB.



**STEP 4**

## Care and Cleaning

*Wash frame parts with mild soap and water, rinse thoroughly.*

*Dry frame completely .*

*Do not use bleach, acior, other solvents on frame parts.*

*Please inspect and tighten all bolts or fasteners on a regular basis to ensure proper performance and safety of your gazebo.*

## Warranty

### Frames

*Frames constructions are warranted to be free from defects in material and workmanship for 1 year from item purchased. Damage to frame from negligence won't be covered by this warranty.*

### Bolts & Nuts

*Bolts and nuts are warranted to be free from defects in material and workmanship for 1 year from item purchased. Damage from exposure to chemicals (including but not only oils, spills, fluids) won't be covered by this warranty.*

### Warranty Limitation

*This warranty is for the original purchase order only (Order number required). This warranty is non-transferable. Purple Leaf is responsible for the free replacement parts including shipping charges for the 1 year warranty.*

### Warranty Exclusion

*This warranty does not cover situations subject to negligence, abuse usage, inappropriate installation, extreme weather condition. Purple Leaf reserves the right to explain warranty exclusions. When the replacement item is applied, the 1 year warranty automatically expires. Please feel free to contact us to apply for warranty.*



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