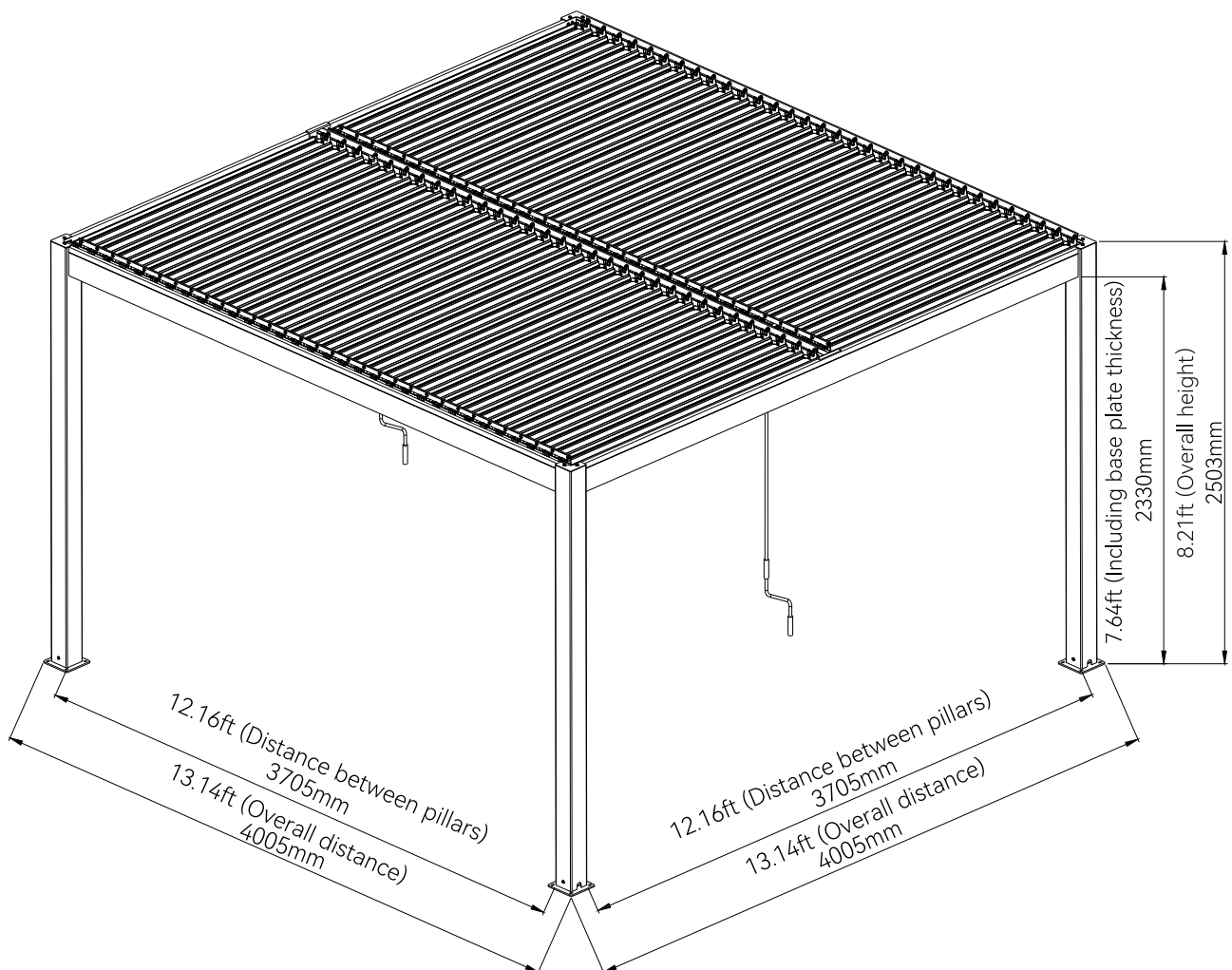


# User Instructions

## Pergola for manual operation

Size: 13' X 13' (400x400cm)

SIZE: 13' X 13' (400cm X 400cm)



## Content

Tools and man force .....	3
Part List .....	4-5
Product Description .....	5
Safety Instruction .....	5-6
Mounting .....	7-18
Dismounting .....	19
Storage .....	19
Disposal .....	19



### Attention:

Read this instruction manual carefully and completely before mounting and usage. Keep this manual for future reference.

Dear Customer,

Congratulations and thank you for choosing to buy the Pergola from our company. To enjoy this product for a long time and for your own and the safety of other people, please follow the assembly instructions.

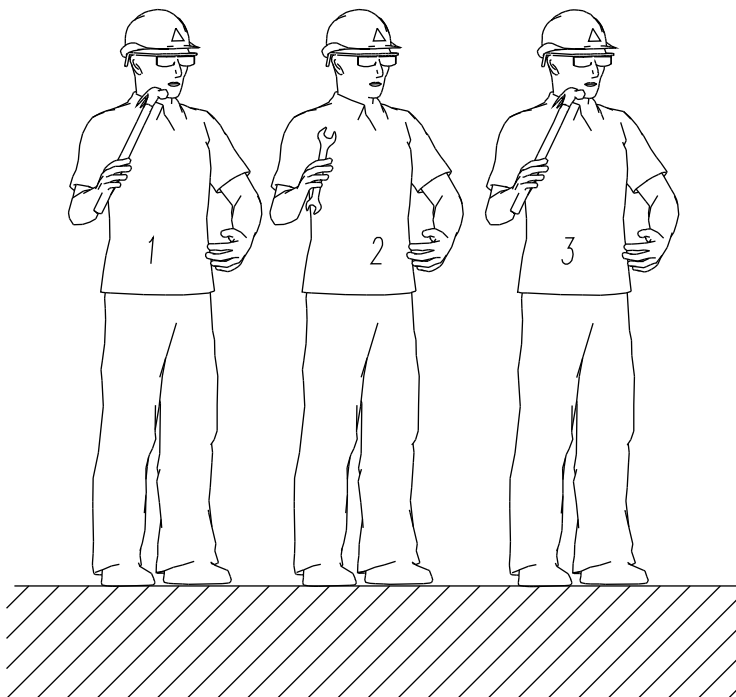
Before you start the assembly process and then using the Pergola, we suggest you are best to get familiar with this product. Make sure all parts listed up in below packing lists are delivered and intact. If you find that there are parts missing or damaged please do not install the pergola but contact us immediately. Do not start the assembly process if parts are missing or defective.


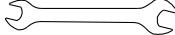
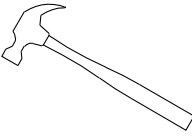
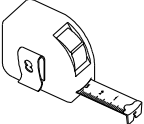
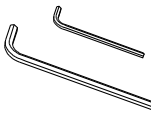

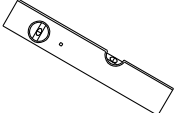

### Tools and man force

Recommended: 2 or 3 people

Additional tools :

- |                |                                |                 |
|----------------|--------------------------------|-----------------|
| 1.Ladder       | 2. M10/13 open wrench supplied | 3.Rubber mallet |
| 4.Tape measure | 5. Hexagon wrench supplied     | 6.Pencil        |
| 7.Spirit level | 8.Electric drill               |                 |

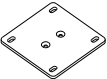











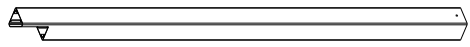

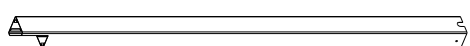




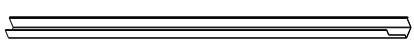
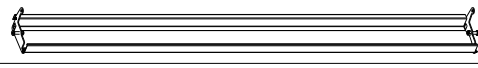
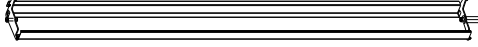
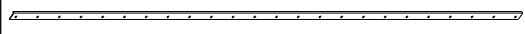


 >1.5m x 2 13mm	 16mm	
		
	 Electric drill	

## Parts List

Please check all parts against the parts list before commencing construction of pergola.

### SIZE:13' X 13'(400X400CM) PARTS LIST:

①		×4	⑨		×2	A1		×1
②		×8	⑩		×16	A2		×1
③		×4	⑮		×2	B		×1
④		×128				C		×2
⑤		×128				D1		×2
⑥		×128				D2		×2
⑦		×4				E		×2
⑧		×8				F1		×2
						F2		×2
						G		×62
						H		×2
						J		×4

### Hardware and other parts:

① Base plate	⑨ Gear pivot pin
② M8X20 countersunk screw	⑩ M8X 100 expansion bolt
③ Upright cover	⑮ Hand crank
④ M8X 22.4 Hexagon screw	
⑤ Plastic Spacer	
⑥ Locking nut	
⑦ Gutter connector	
⑧ M8X 20 flat head screw	



ALUMINUM PROFILE PARTS LIST:

Ⓐ1 Beam with slots	Ⓔ Gutter
Ⓐ2 Beam with slots	Ⓕ1 Gutter
Ⓑ Middle beam	Ⓕ2 Gutter
Ⓒ Beam	Ⓖ Common louver
Ⓓ1 Post +post connector	Ⓕ Driving louver
Ⓓ2 Post +post connector	Ⓖ Control rod

Product Description

Make the most of your outdoor living area with your pergola. Relax and enjoy the outdoors while being protected from sun. The coated aluminum frame pergola is perfect for shading your garden, deck, courtyard and swimming pool.

Important Safety Instructions

**Warning:** For the safety of you and other persons it is important to follow below instructions and obey warnings.

Symbol explanation



This warning triangle calls attention to hazards that that can lead to death or to severe injuries or which are important for the functioning of the Pergola.



This sign identifies important notes.

Safety instructions



**To install this pergola technical knowledge is necessary.** Do not mount this pergola yourself but contact a professional workman for help if

- ♦ you are unsure if the pergola can be mounted on the place you chose for installation.
- ♦ you do not understand the instruction manual or parts of it.

- ◆ you do not have necessary tools available.
- ◆ you do not have necessary technical knowledge



**A minimum of three healthy adults are required to move and install the pergolas** the product is big and heavy. Do not try to install the pergola alone. If the pergola falls, it could cause serious injuries and damages! Contact an authorized assembler for help.



**Do not install the pergola when you find damage parts are that parts are missing.** Contact your dealer.



**Keep children and pets out of the working area during assembly and adjustments.**



**This product and its fixing parts are only suitable for installation on a plain cement floor or stable brickwork. If the cement floor/brickwork shows cracks you have to consult a professional.**



**Nobody is allowed to change the products' design and structure** without the permission of manufacture or authorized deputy.



Please make sure that your hands are clean at the time of the assembly; otherwise you may soil frame.



**Nobody is allowed to climb onto the Pergola. Hanging anything on the Pergola is forbidden.**

Sheeting was used to protect the paint. This must be removed afterwards.





This structure is a non-permanent structure and the warranty does not cover damage incurred under extreme weather conditions including heavy rain, high winds or if exposed to high heat from heaters or BBQs.

Safety precautions should always be followed when assembling and using this product to reduce the risk of personal injury and damage to equipment. Please read all instructions before assembly and use. Never leave children unattended around/under this pergola. Do not attempt to assemble or use the pergola in moderate or heavy wind conditions. Always **keep the pergola louver open** and secure it during heavy winds or extreme weather conditions to avoid damage to the pergola or personal injury.

## Mounting and usage

### STEP 1

1. Attach base plate ① X4 to the bottom of the post (D1 X2 , D2 X2) use bolt ② X8 to attach with key key or electric drill.

①		X2
②		X2
①		X4
②		X8

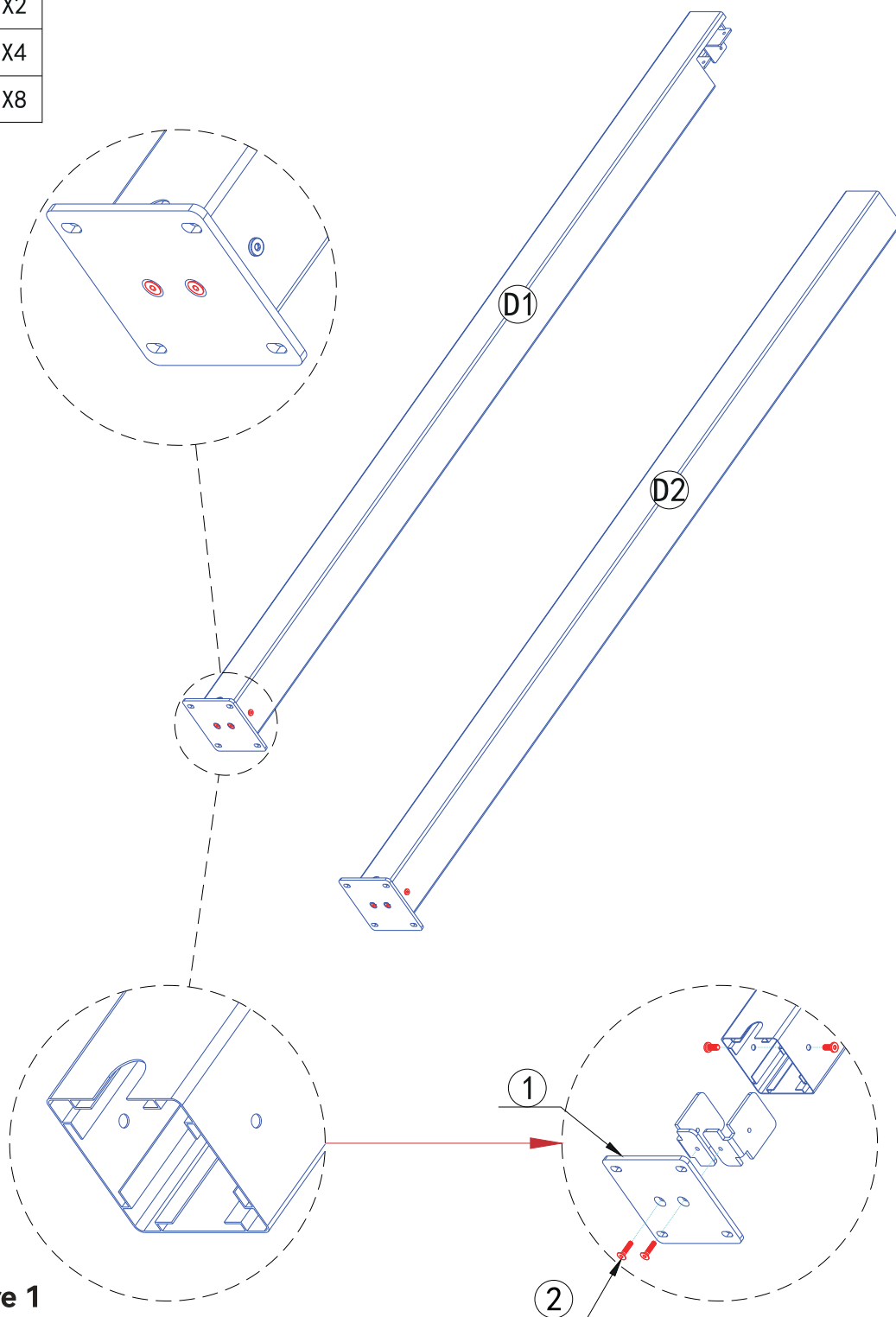


Figure 1

## STEP 2

1. Loosen screws from each post hardware, attach Beam **C** X 2 to the **D1** and **D2**, use screws to fasten.

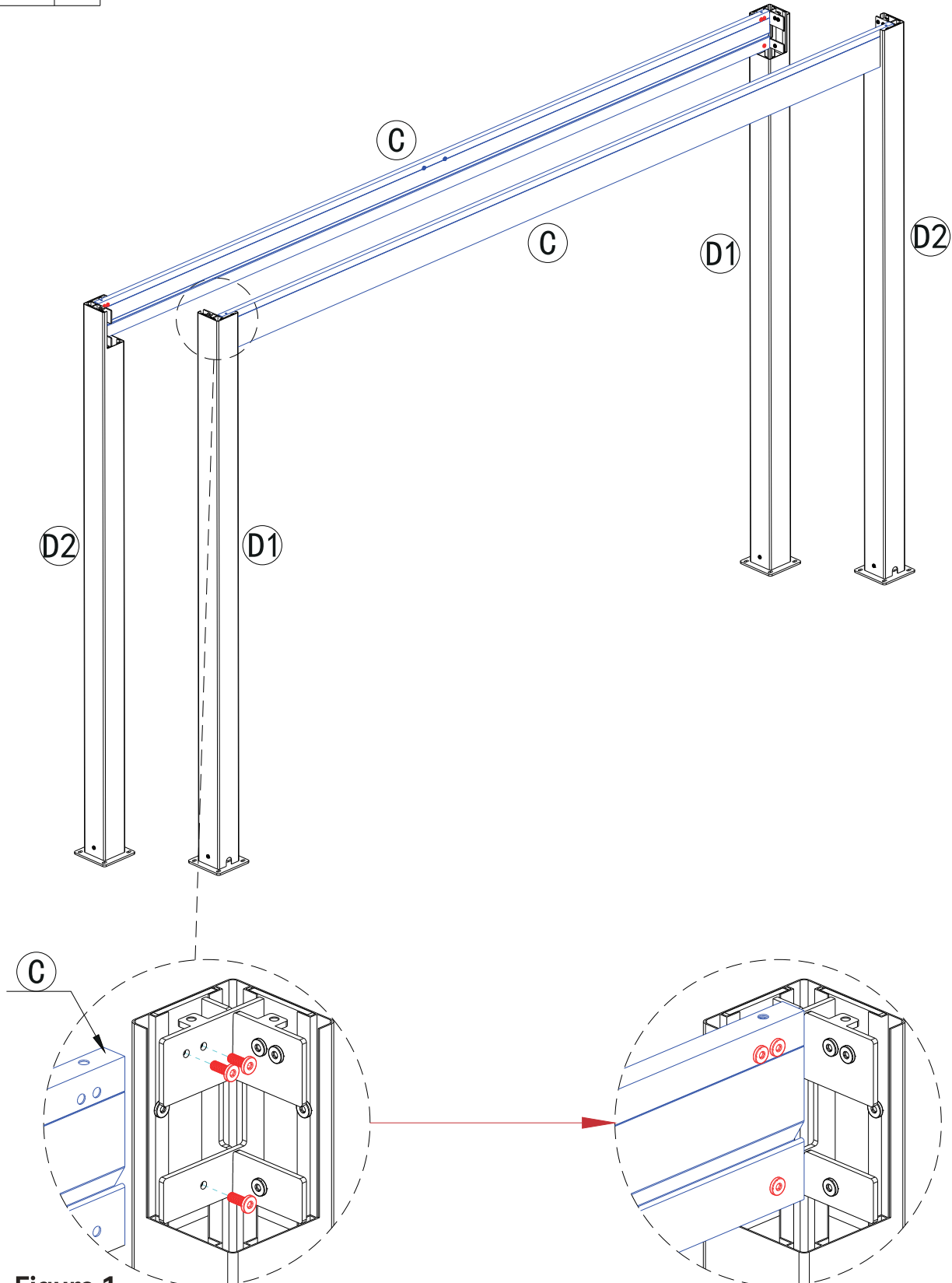




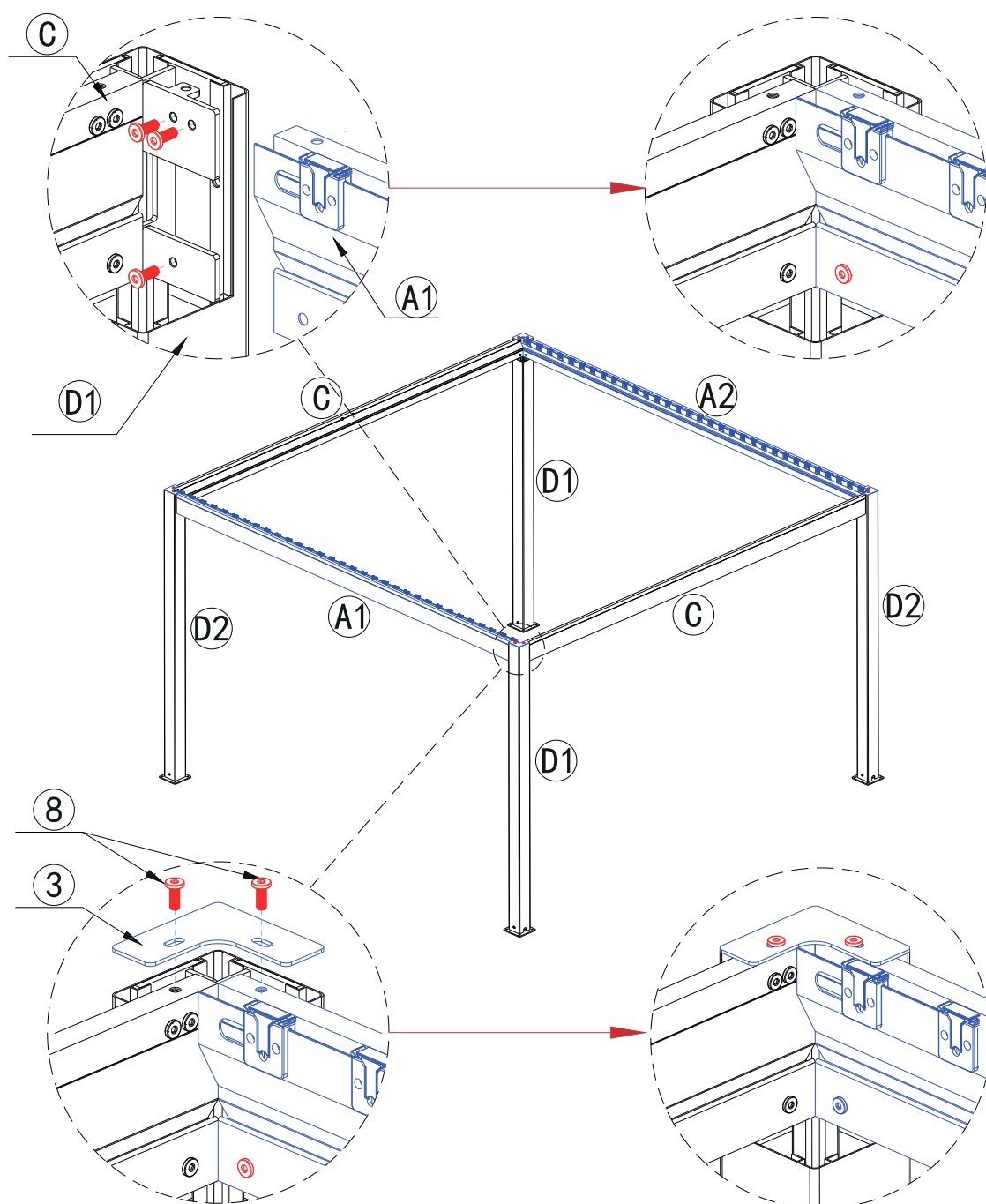


Figure 1

### STEP 3

1. Attach beam (A1) X1 , (A2) X1 to the (D1) and (D2) ,use screws to fasten.
2. Attach upright cover (3) X 4 ,use (8) X 8 to fasten the upper hole on the post .

(A1)		X1
(A2)		X1
(3)		X4
(8)		X8



## STEP 4

1. Fasten ⑦ gutter connector on the top of the ① and ②.
2. Attach ① and ② gutter by hooking inside ③ beam, Attach ④ gutter by hooking inside ①, ② Beam.



⑦		X4
④		X2
①		X2
②		X2

Figure 1

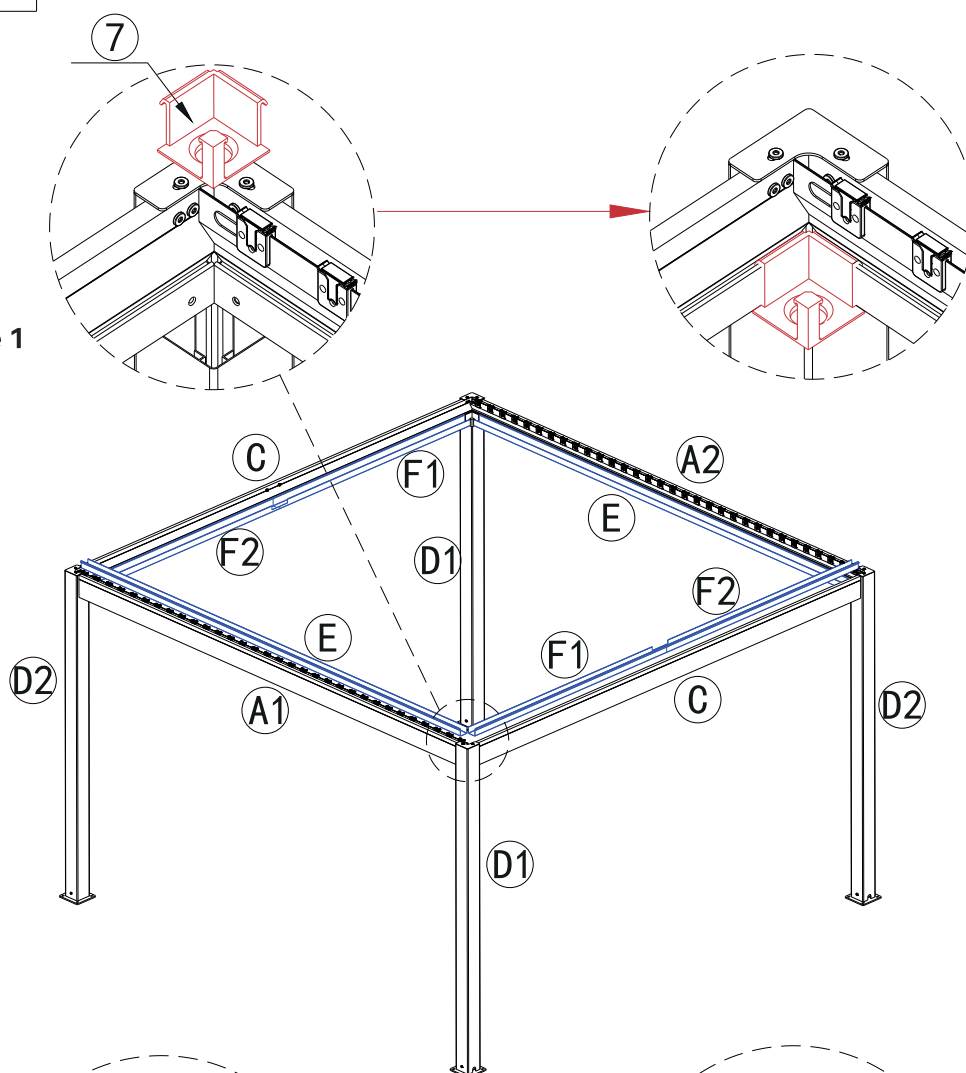
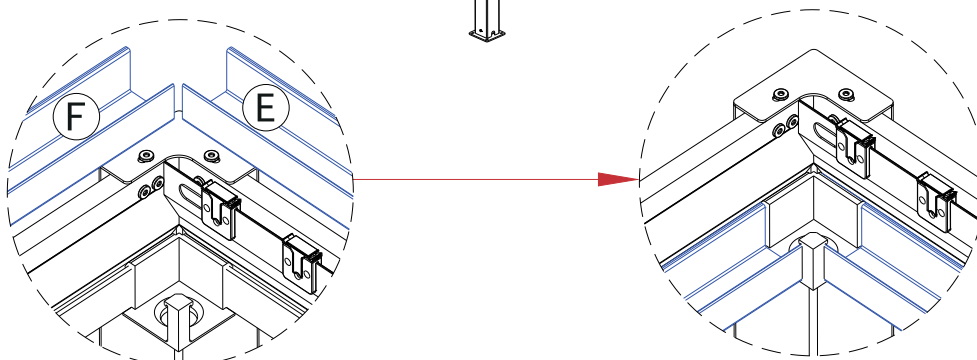


Figure 2



## STEP 5

1. Measure the column spacing diagonal lines and adjust them with the Same spacing, then mark the ground on all four holes of ①.
2. Insert the bolt ⑩. Use the hammer drill if necessary , place the posts over the bolts, tighten the nuts.

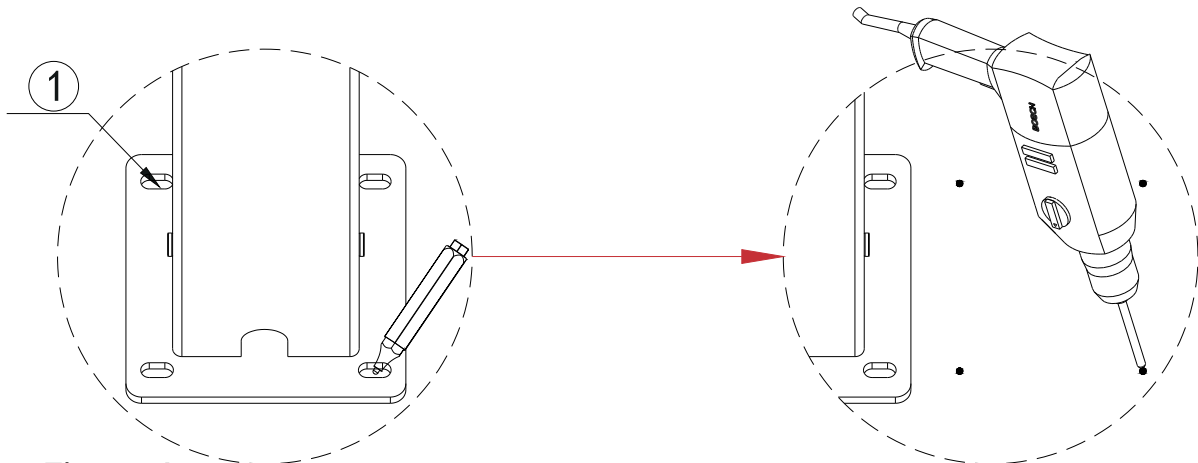
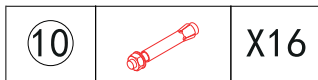


Figure 1

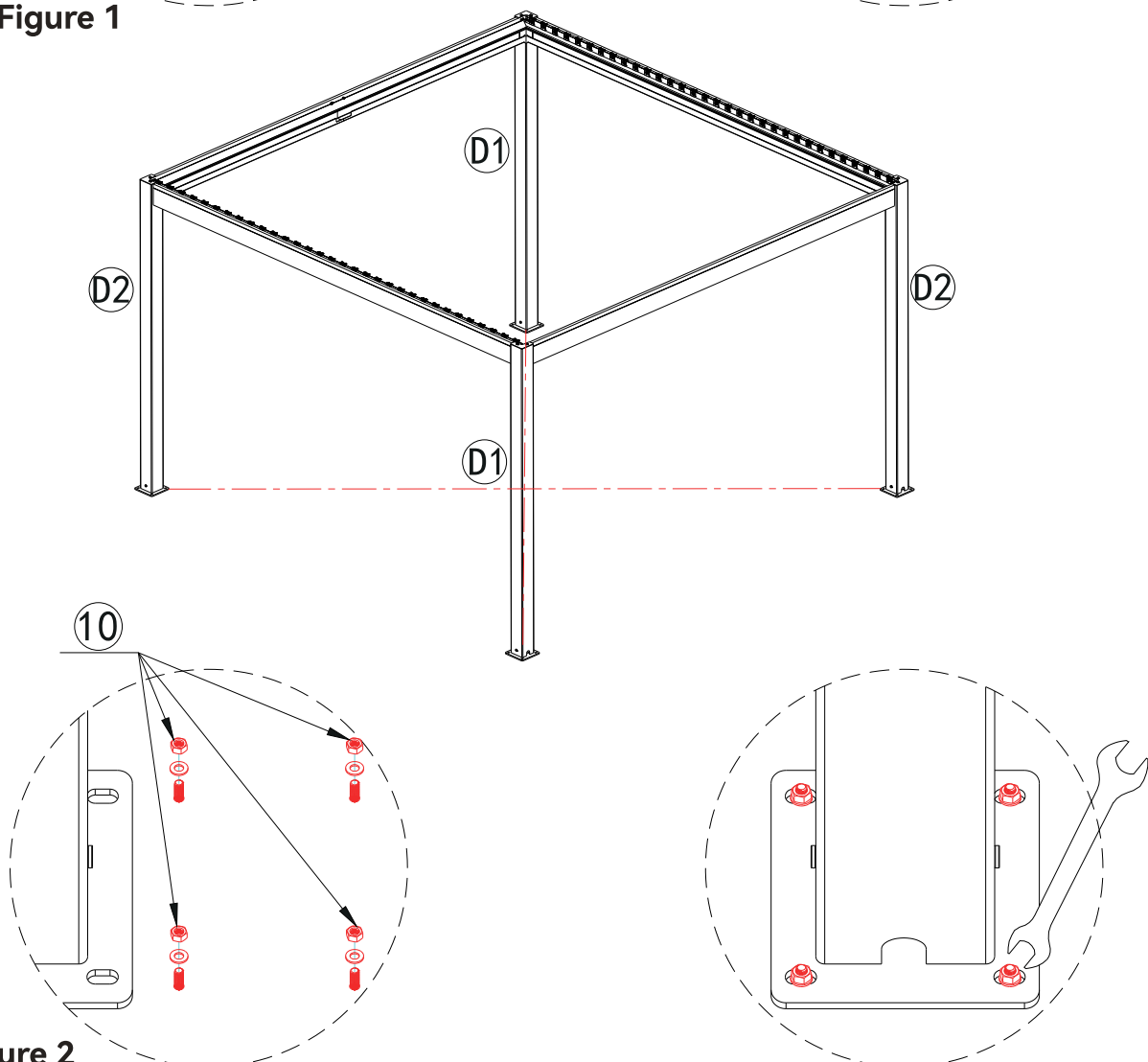
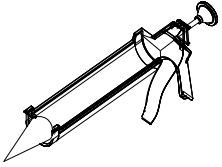


Figure 2

## STEP 6

1. Use the glass glue gun to evenly apply the glass glue at the junction of (F1) and (F2).
2. Use the glass glue gun to evenly apply the glass glue at the junction of (E), (F1) and (F2).



Not provided by the factory

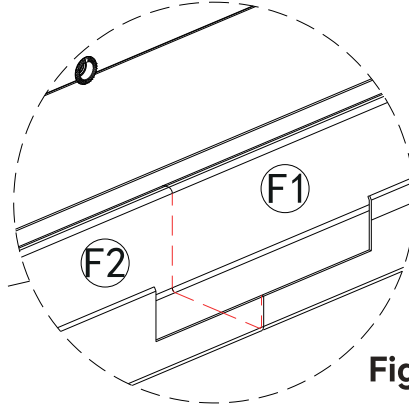


Figure 1

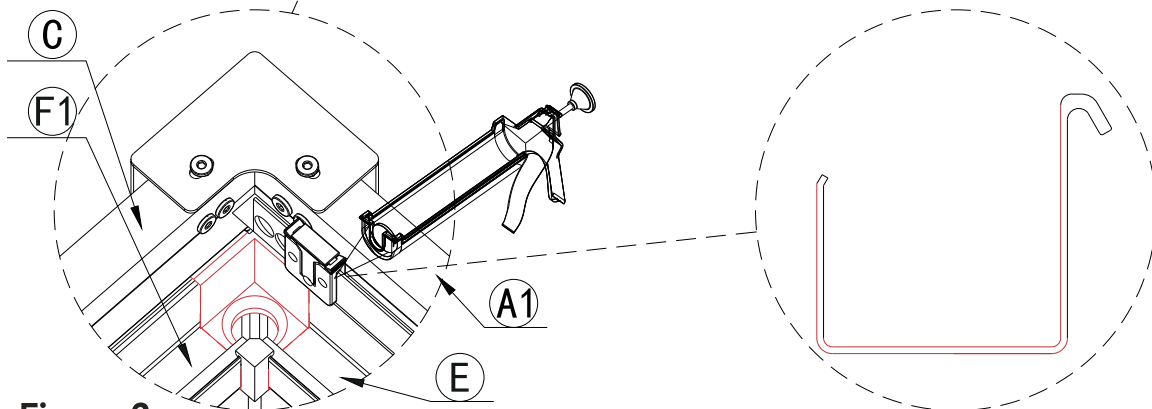
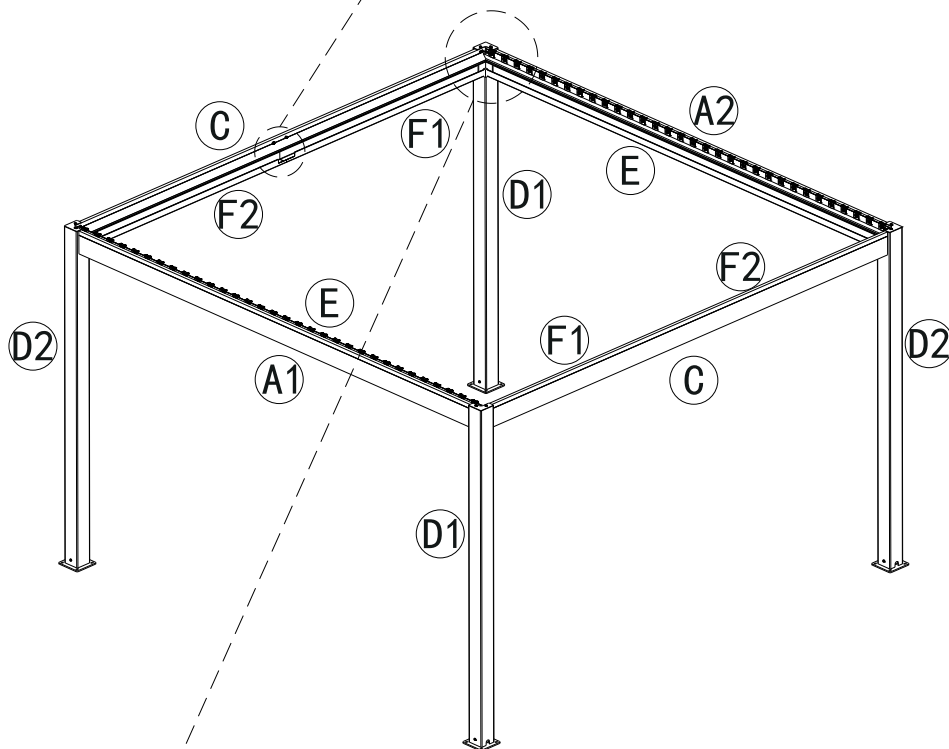


Figure 2



## STEP 7

1. Attach the middle beam reinforcement ,use screws to fasten.

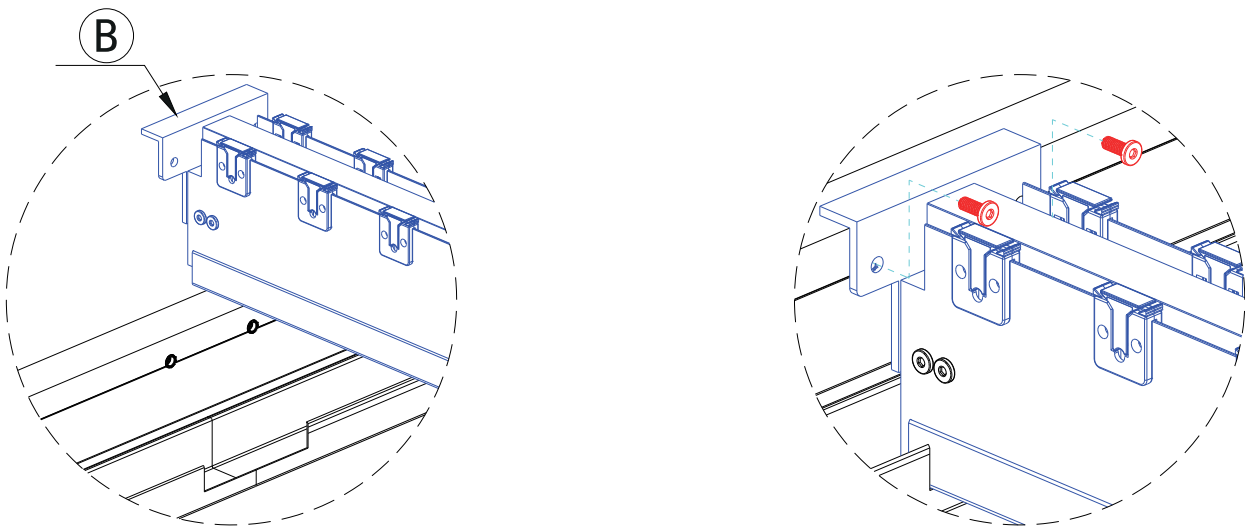
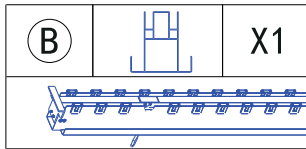
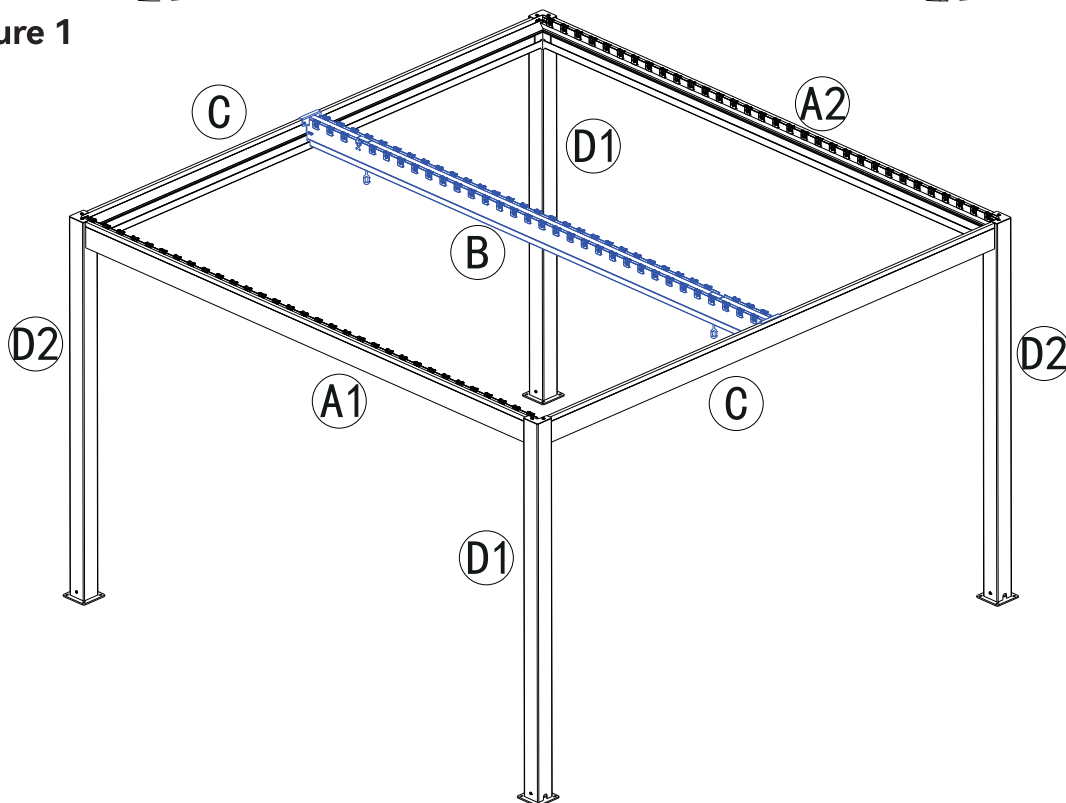
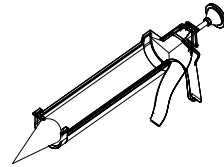


Figure 1

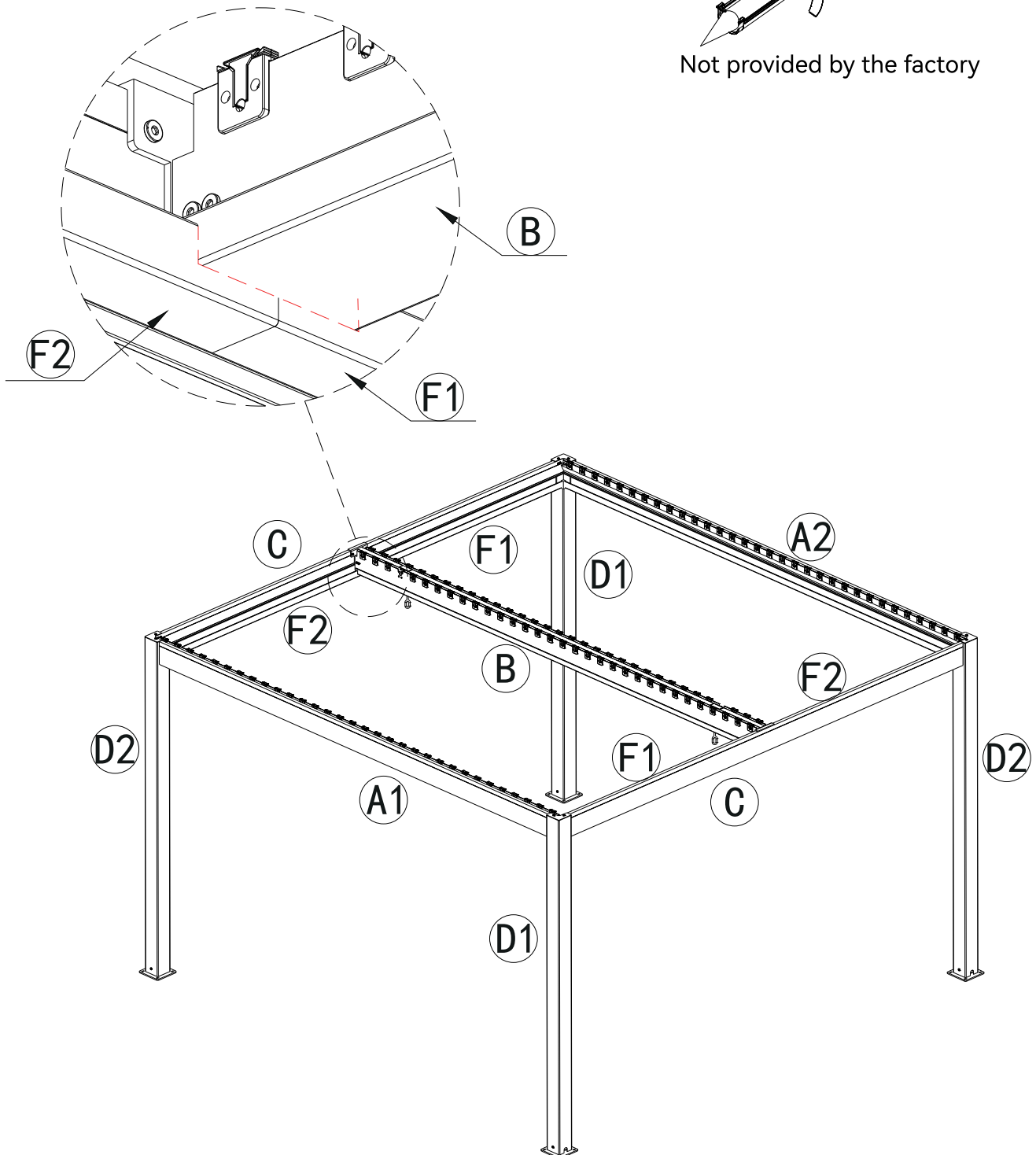


## STEP 8

1. Use the glass glue gun to evenly apply the glass glue at the junction of (B), (F1) and (F2).



Not provided by the factory



## STEP 9

1. Remove the 4th blade base latches on (A1) and (A2) (count from the manual crank mechanism side) .
2. Assemble (9) with (H) as shown below.
3. Install (H) on the 4th blade base on (A1) and (B), (A2) and (B) , then buckle back the base latches.




(9)		X2
(H)		X2
		

Figure 1

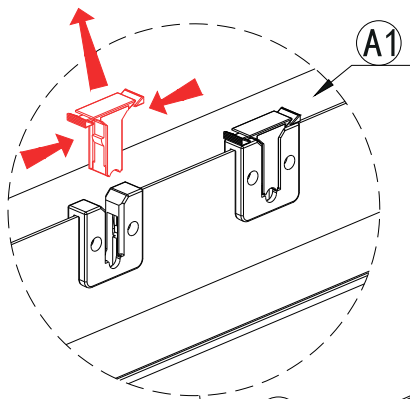


Figure 2

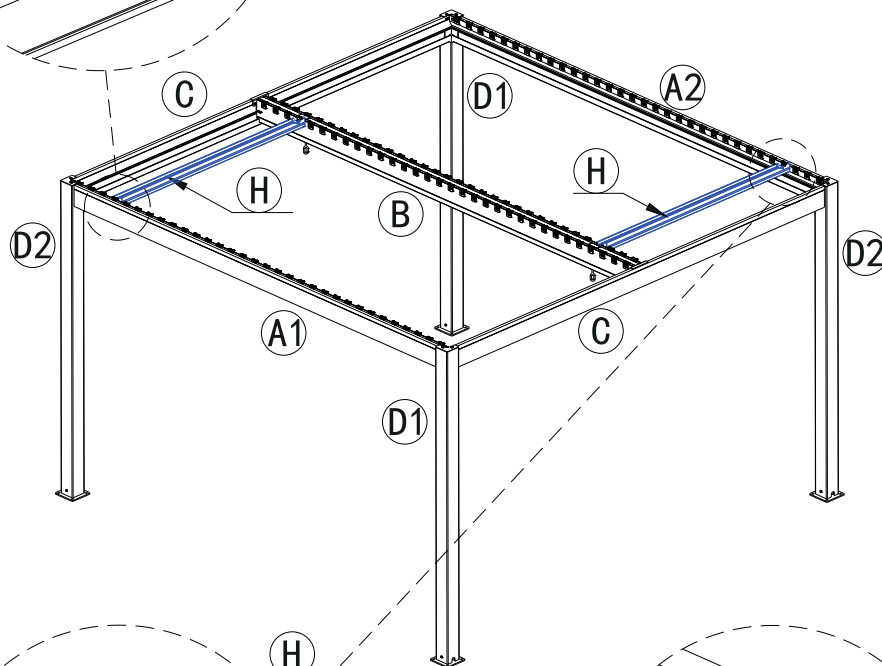
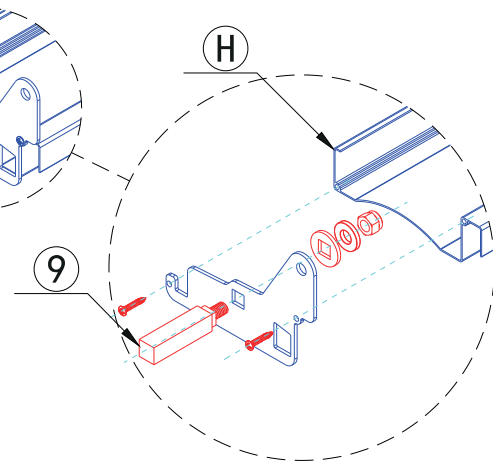


Figure 3

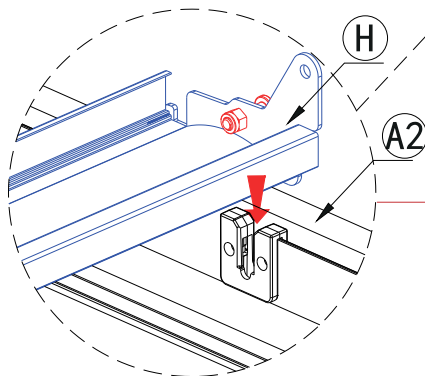
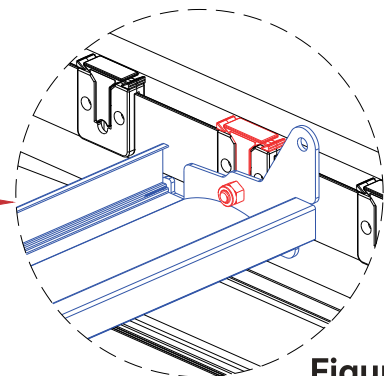


Figure 4



## STEP 10

- 1.Remove all the base latches on the blades on (A1), (A2) and (B) .
- 2.Install (G) on the blades base on (A1) , (A2) and (B) , then buckle the base latches.

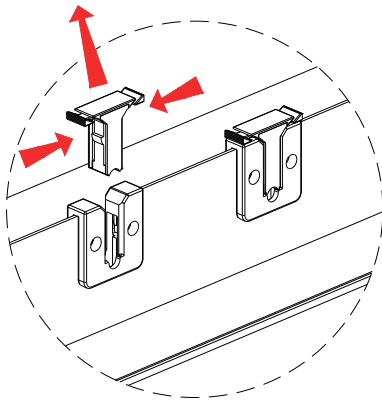
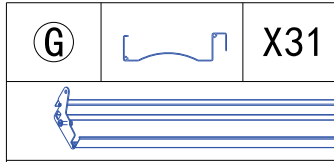


Figure 1

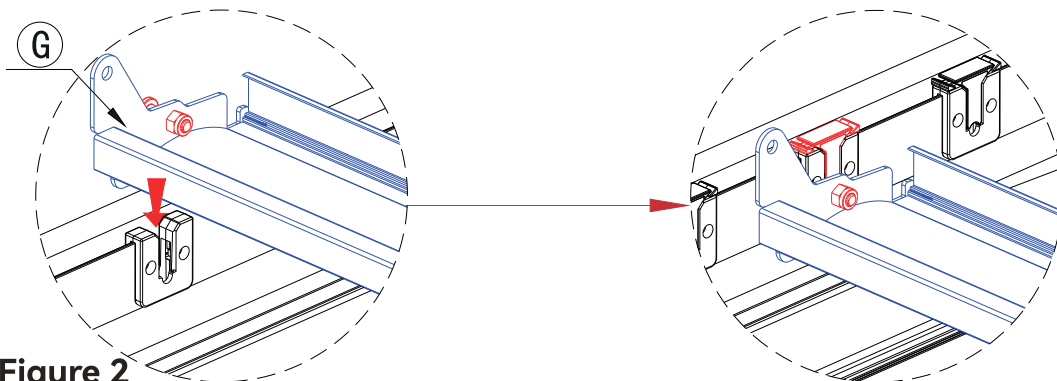
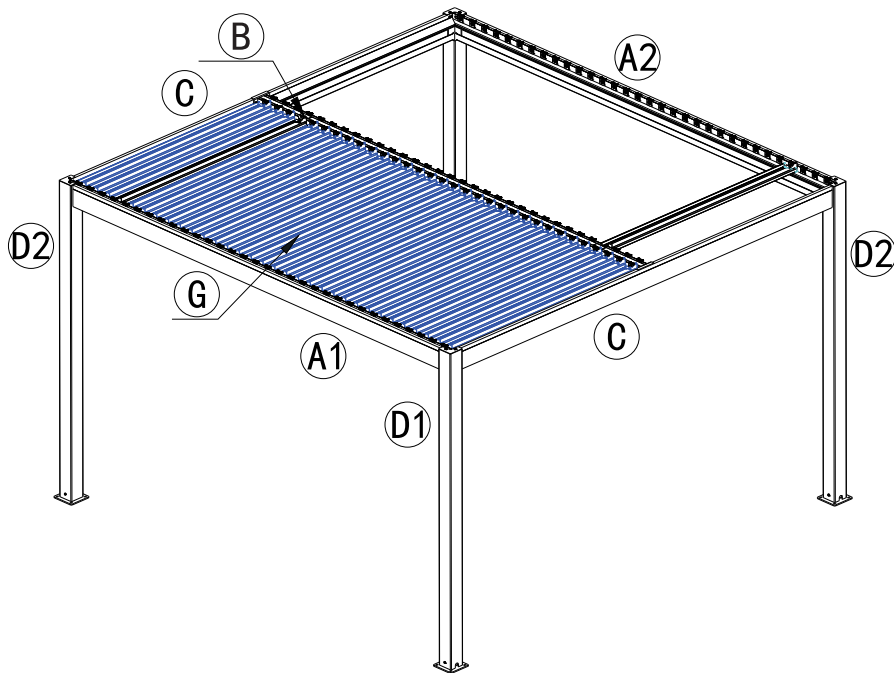


Figure 2

**STEP 11**

Fix ①J X2 ( Flat shaped aluminum profile )

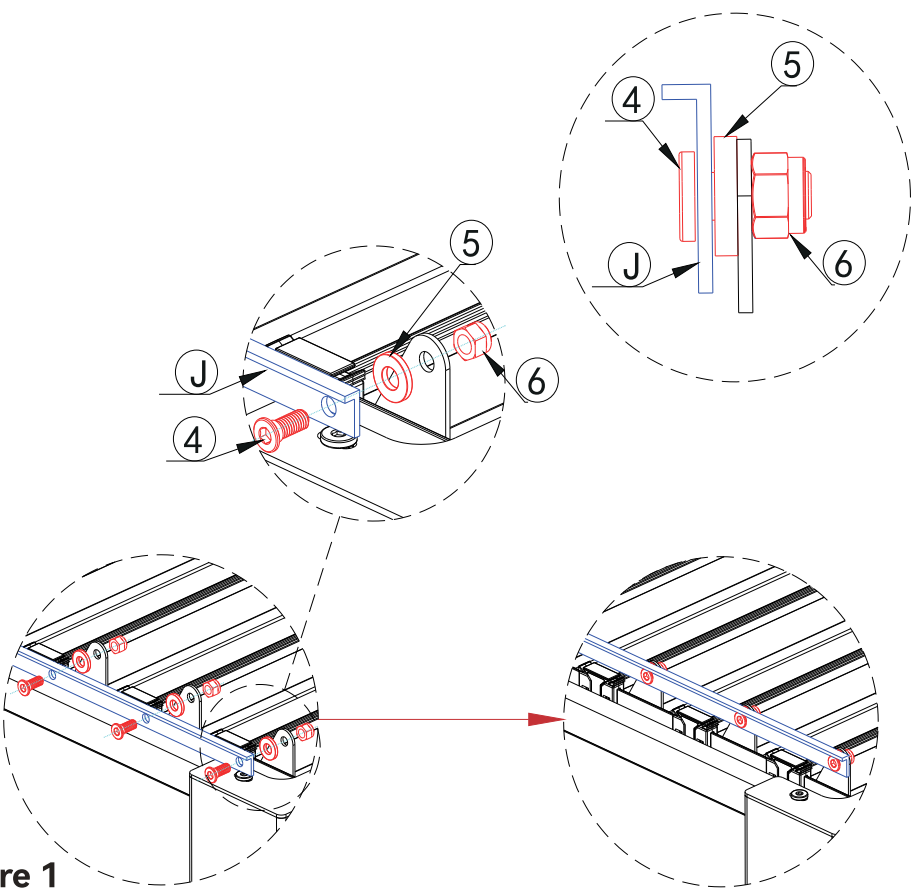
One of each other of slats is required.

Use bolt ④X64, plastic spacer ⑤X64,and nut ⑥X 64 to tighten .

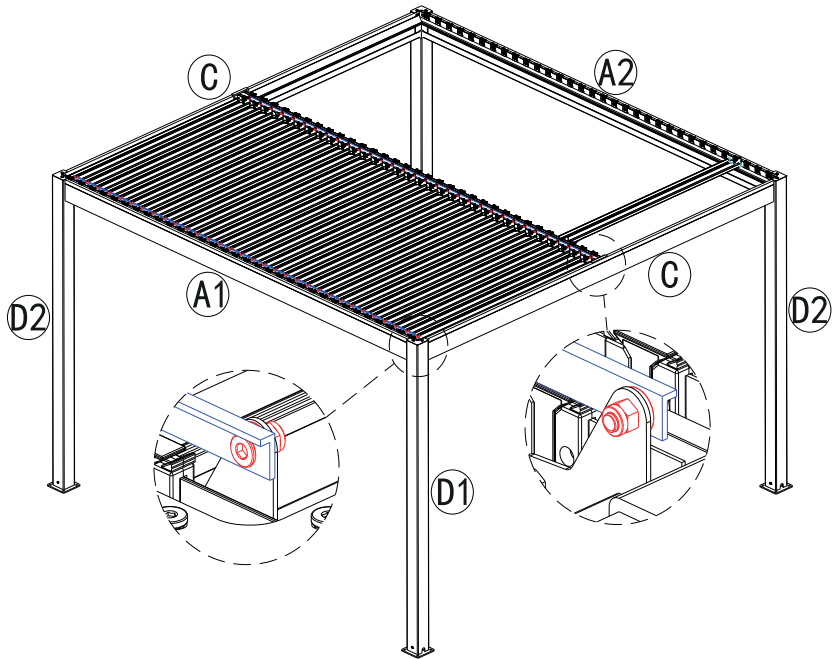
Note:Do not over tighten.Over tightening will prevent louvers from moving.

④		X64
⑤		X64
⑥		X64
①J		X2

Pay attention to the direction of ①J.









**Figure 1**



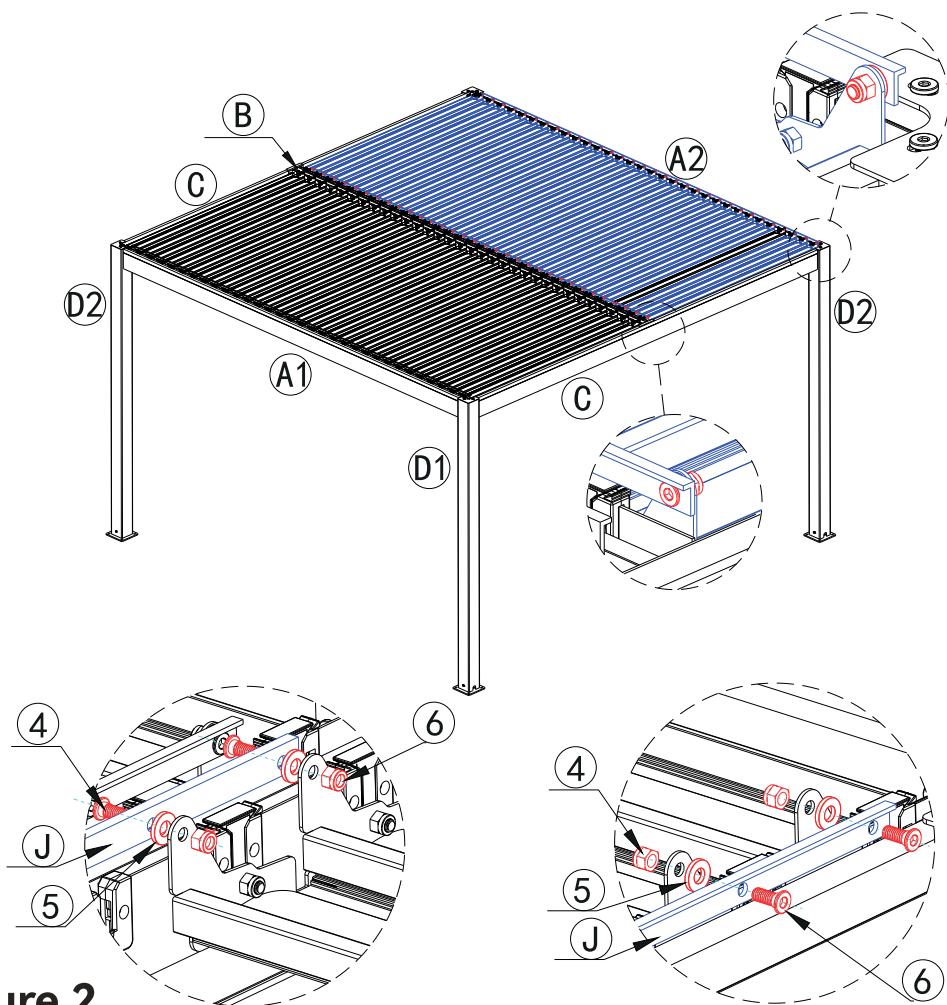
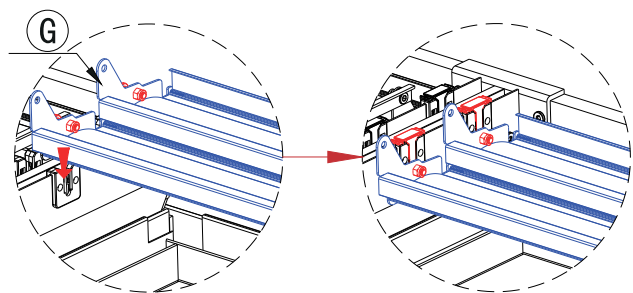
**STEP 12**

- 1.Install (G) on the blades base on (A2) and (B), then buckle the base latches.  
(Tighten (J) on the (B) beam after install each two pieces of (G) common louvers)
- 2.Fix (J) X2 on the (A2) and (B), Use bolt (4) X64, plastic spacer (5) X64,and nut (6) X 64 to tighten.

(4)		X64
(5)		X64
(6)		X64
(J)		X2
(G)		X31



**Figure 1**



**Figure 2**

Warning :Ensure louvers are opened during periods of mid to strong wind.

## Dismounting

If you want to disassemble the Pergola, please follow the following process.

**Attention! At least two people are needed for this step.**

- ◆ Keep the Pergola louvers open before you begin with dismounting. Bind the Louvers of the Pergola together to avoid unintended unfolding. This might cause damage and injury. You can use the protection band that was fixed on the Pergola when purchasing it.
- ◆ Follow the mounting instructions in reversed order to dismount the Pergola.
- ◆ Make sure that drilling holes in the wall will be sealed professional.
- ◆ **Attention! Safety hints and instructions have to be followed for dismounting as well.**

## Storage

When you do not want to use the Pergola for a longer period of time it is recommended to take the Pergola out of the brackets and store it.

- ◆ Make sure that the frame is dry completely before storing.
- ◆ Store the Pergola at a dry and safe place that is not reachable for children.

## Disposal

Do not dispose this Pergola with other household wastes. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling. Dispose packing materials according to local guidelines.