

User Instructions

Motorized Wall mounted pergola

Size:

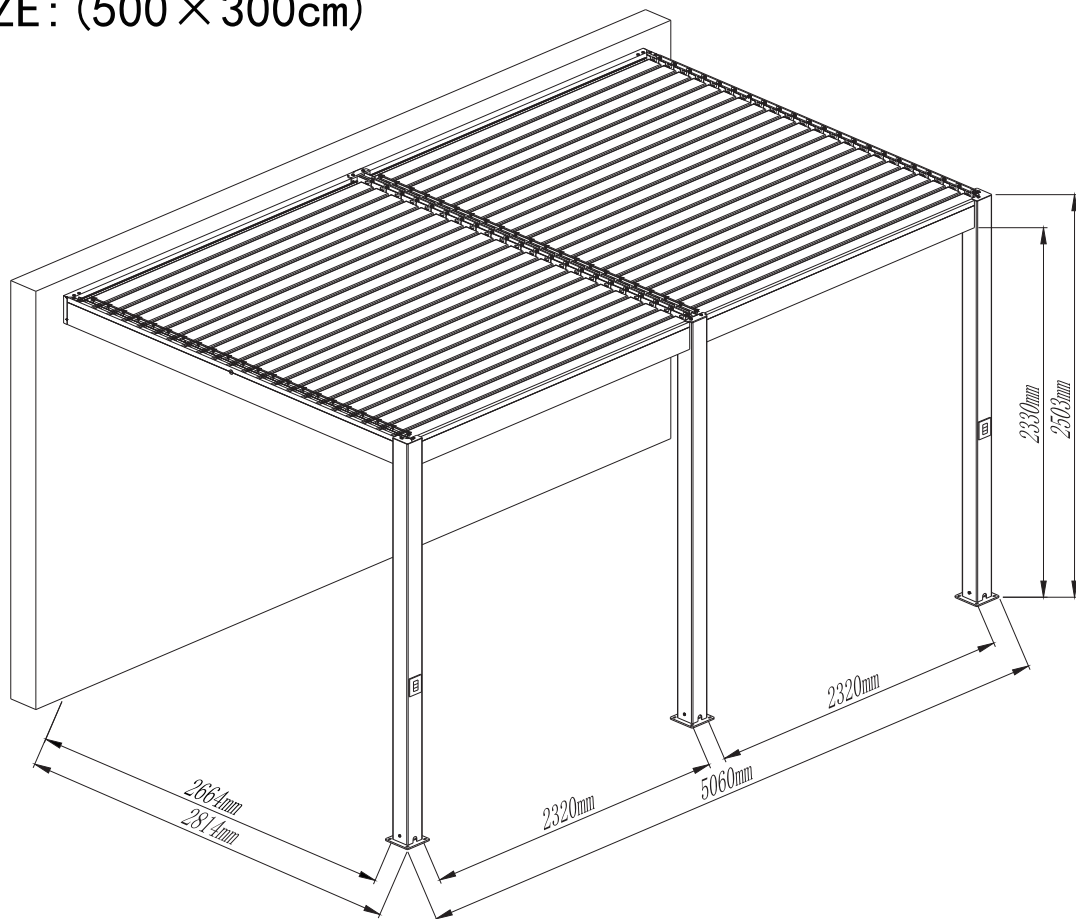
500x300cm

500x400cm

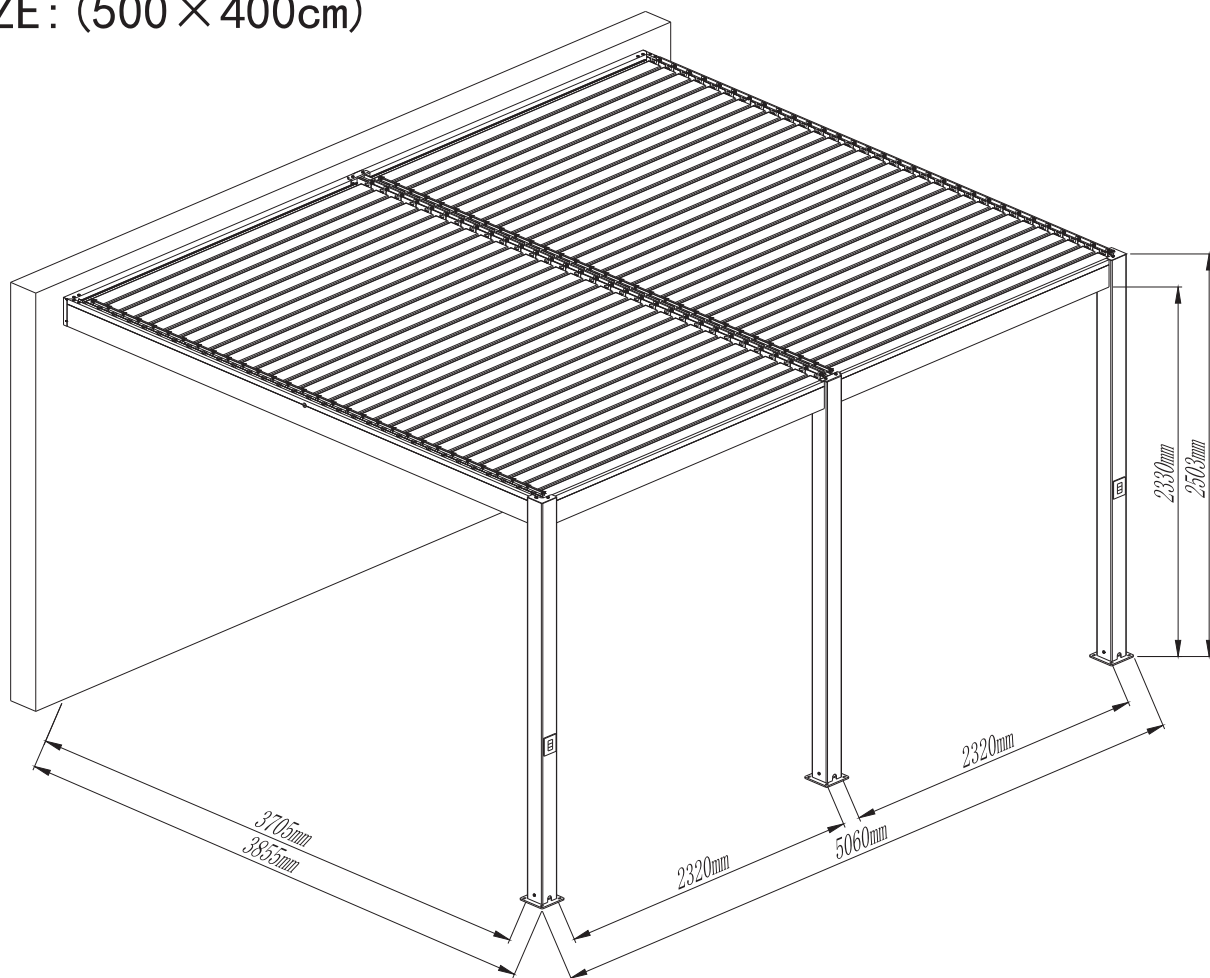
600x300cm

600x400cm

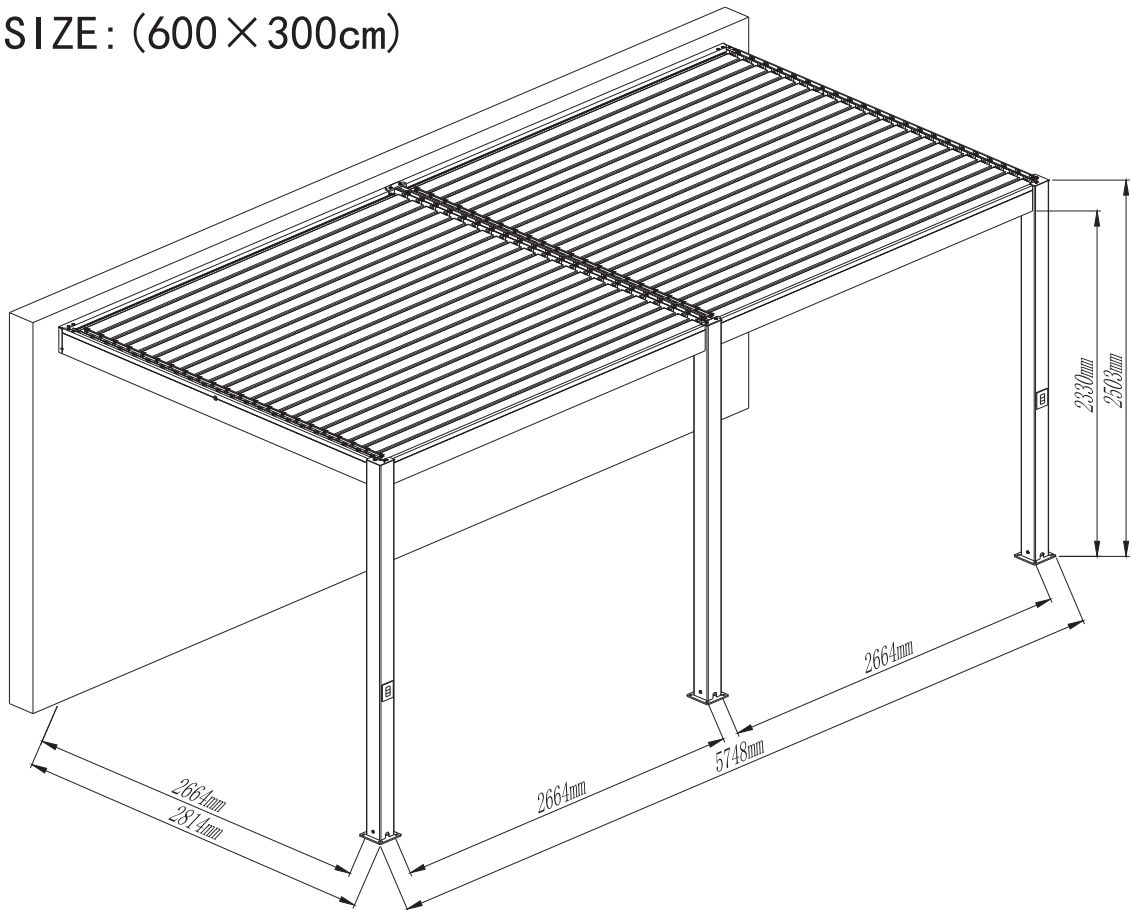
SIZE: (500 × 300cm)



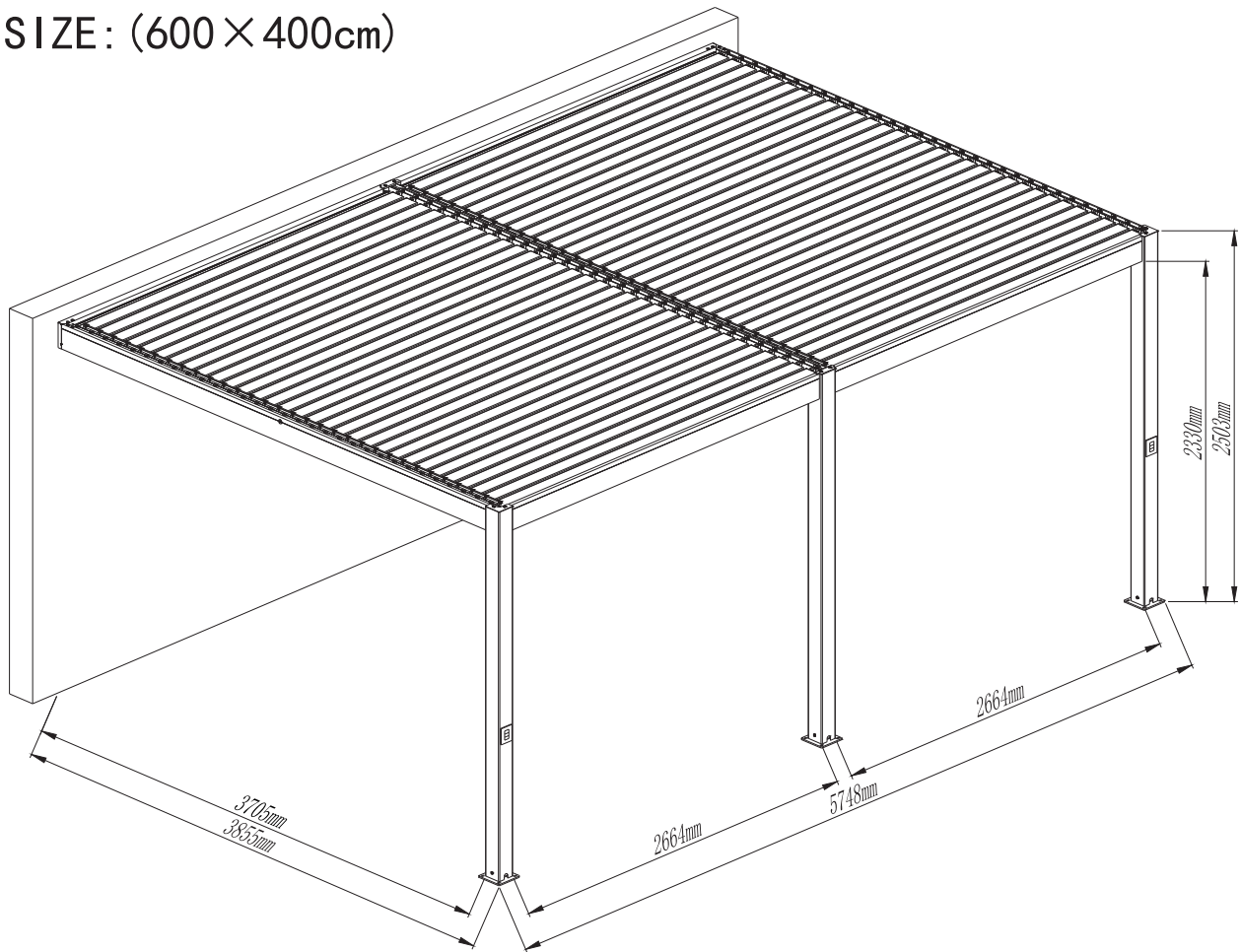
SIZE: (500 × 400cm)



SIZE: (600×300cm)



SIZE: (600×400cm)



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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.

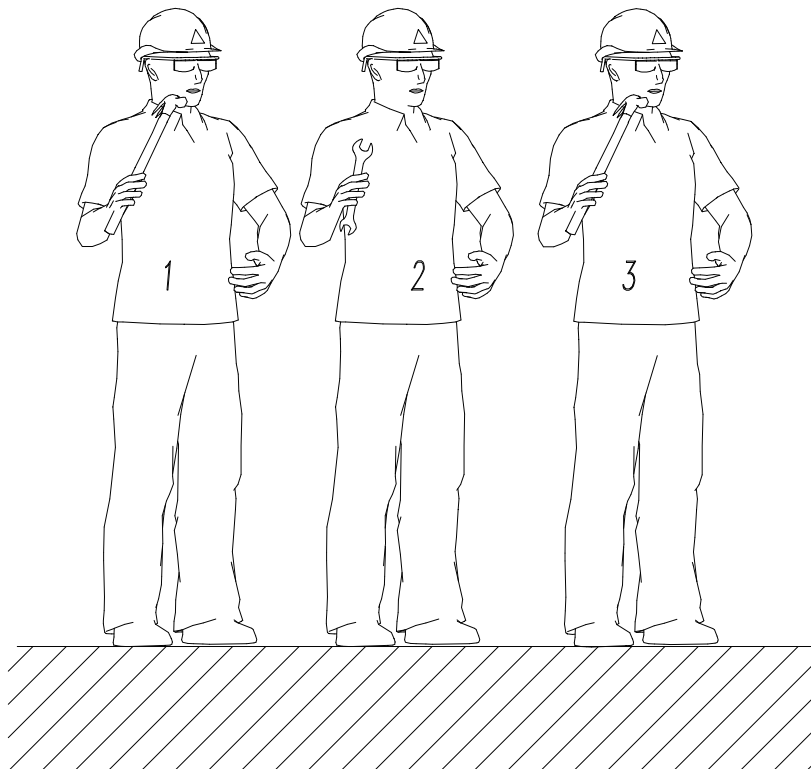
Before you start the assembly process and then using the Pergola, we suggest you are best to get familiar with this product first. Make sure all parts listed up in below packing lists are delivered and intact. If you find that there are parts missing or damaged please do not instal the pergola but contact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

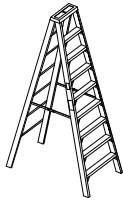
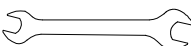
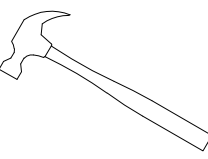
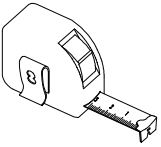

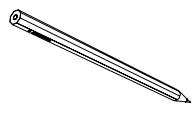
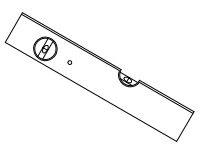
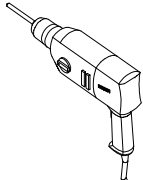
Tools and man force

Recommended: 2 or 3 people

Additional tools :

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

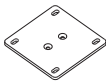














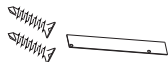


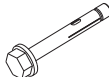
 1 13mm >1.5m x 2	 2	 3
 4	 5	 6
 7	 8	

Parts List

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









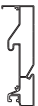


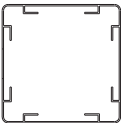

SIZE: 500X300CM /600X300CM 500X400CM /600X400CM PARTS LIST

Number	Picture	Quantity	
		5x3 6x3	5x4 6x4
①		× 3	
②		× 6	
③		× 2	
④		× 88	× 124
⑤			
⑥			
⑦		× 2	

⑧		× 8
⑨		× 2
⑩		× 12
⑪		× 6
⑫		× 4
⑬		× 6
⑭		× 2
⑮		× 2
⑯		× 2
⑰		× 12

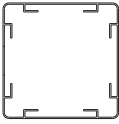
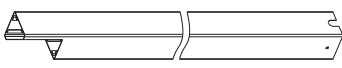
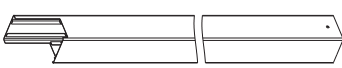








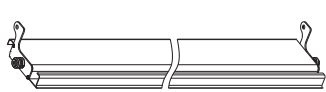
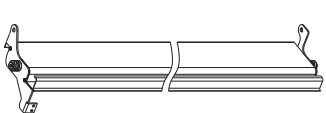



HARDWARE AND OTHER PARTS:

- | | |
|---------------------------|--|
| ① Base plate | ⑩ M8x100 expansion bolt |
| ② M8X20 countersunk screw | ⑪ Wall Bracket |
| ③ Upright cover | ⑫ L Bracket |
| ④ M8X 22.4 Hexagon screw | ⑬ Square nut and screw |
| ⑤ Plastic spacer | ⑭ Seal board and screw |
| ⑥ Locking nut | ⑮ Motor |
| ⑦ Gutter connector | ⑯ M10 screw cap |
| ⑧ M8X 20 flat head screw | ⑰ M8X100 expansion bolt(suit for Wall-Bracket) |
| ⑨ 40-32connector | |

Number	Picture	Quantity	
		5x3 6x3	5x4 6x4
Ⓐ1			× 1
Ⓐ2			× 1
Ⓑ			× 1
Ⓒ1			× 1
Ⓒ2			× 1
Ⓒ3			× 1
Ⓒ4			× 1
Ⓓ1			× 1

ALMINUM PROFILE PARTS LIST:

- Ⓐ-1 Main Beam
- Ⓐ-2 Main Beam
- Ⓑ Middle Beam
- Ⓒ-1 Beam
- Ⓒ-2 Beam
- Ⓒ-3 Beam (wall mounted)
- Ⓒ-4 Beam (wall mounted)
- Ⓓ-1 Post +post connector

D2			× 1	
D3			× 1	
E1			× 1	
E2			× 1	
E3			× 1	
E4			× 1	
F1			× 2	
F2			× 2	
G			× 40	× 58
H			× 2	
I			× 2	
J			× 4	

- D-2 Post +post connector
 D-3 Post +post connector
 E-1 Gutter
 E-2 Gutter
 E-3 Gutter(Middle beam side)
 E-4 Gutter(Middle beam side)
 F-1 Gutter(Wall-mounted side)

- F-2 Gutter(Wall-mounted side)
 G Common louver
 H Driving louver
 I Middle strengthen louver
 J 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 pergola

as 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 or 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 wall or stable brickwork, If the wall/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.

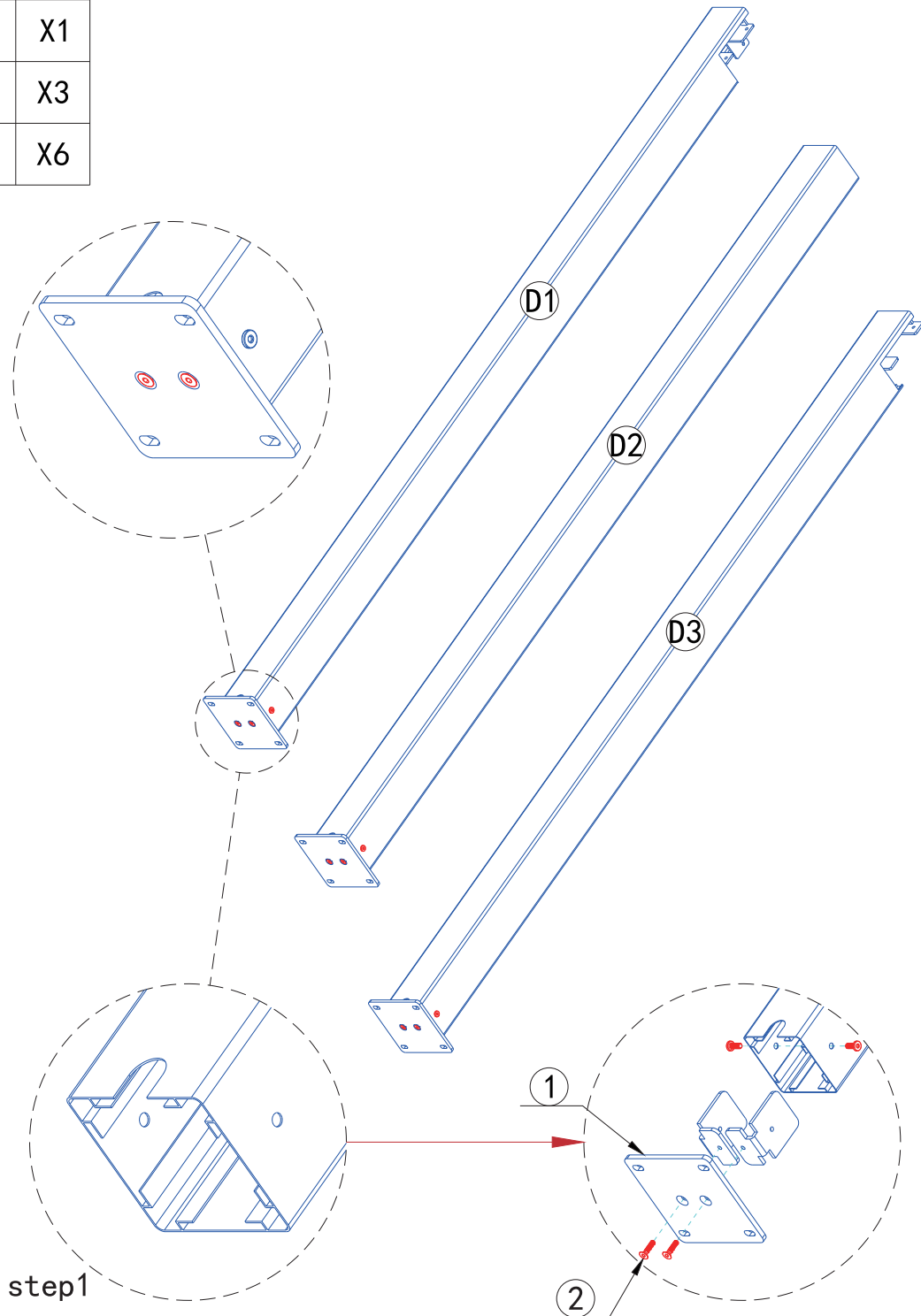
Safety precautions should always be followed when assembling and using this product to reduce the risk of personal injury and damage to equipment. Please read all instructions before assembly and use. Never leave children unattended around/under this pergola. Do not attempt to assemble or use the pergola 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 X3 to the bottom of the post (D1 X1 , D2 X1 , D3 X1) use screw ② X6 to attach with key or electric drill.

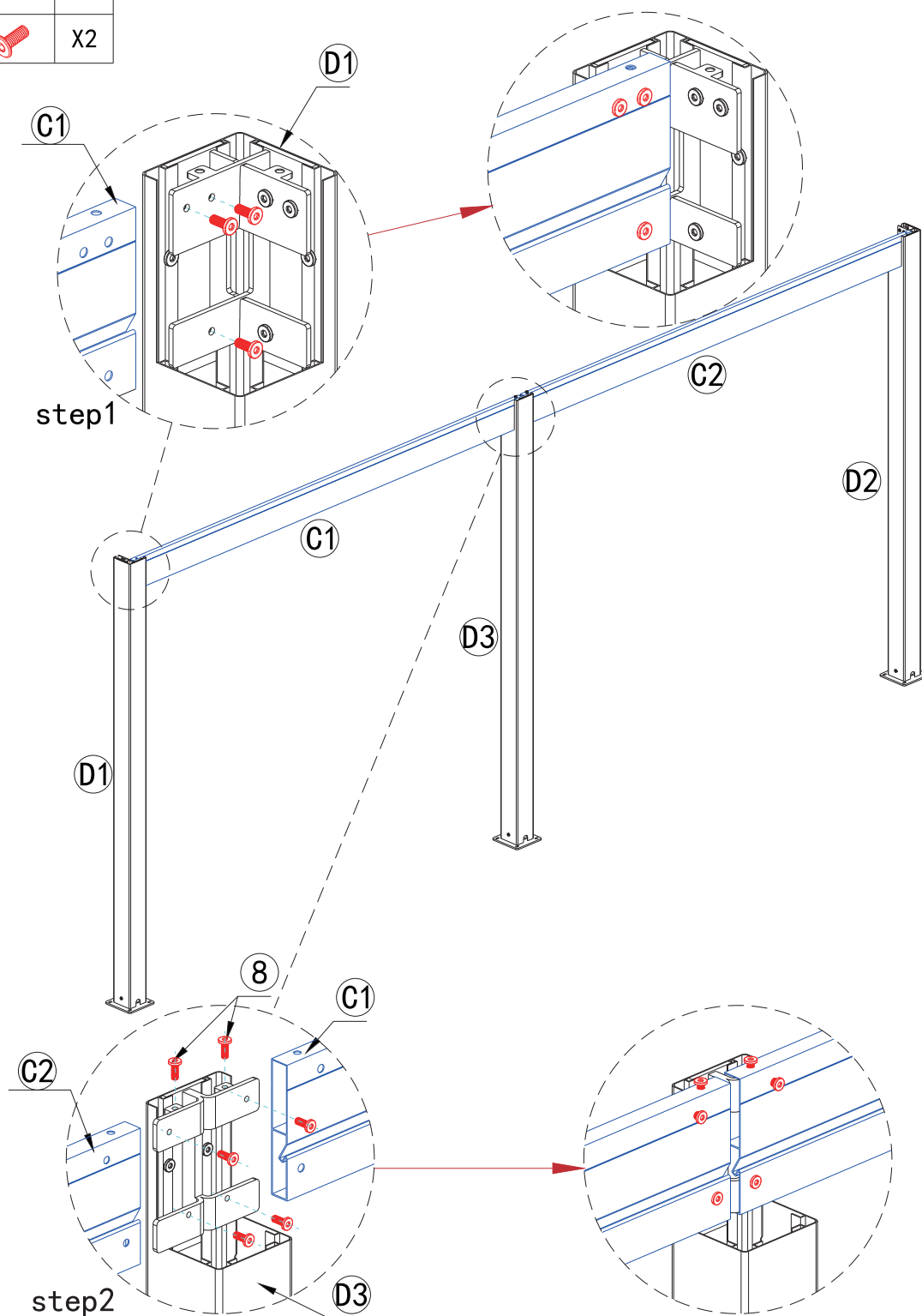
①		X3
D1		X1
D2		X1
D3		X1
②		X6



STEP 2



1. Loosen the screws from (D1) and (D3), align and fasten (C1) with (D1) and (D3).
2. Loosen the screws from (D2) and (D3), align and fasten (C2) with (D2) and (D3).
3. Use (8) X2 to fasten the upper hole on the post (D3).

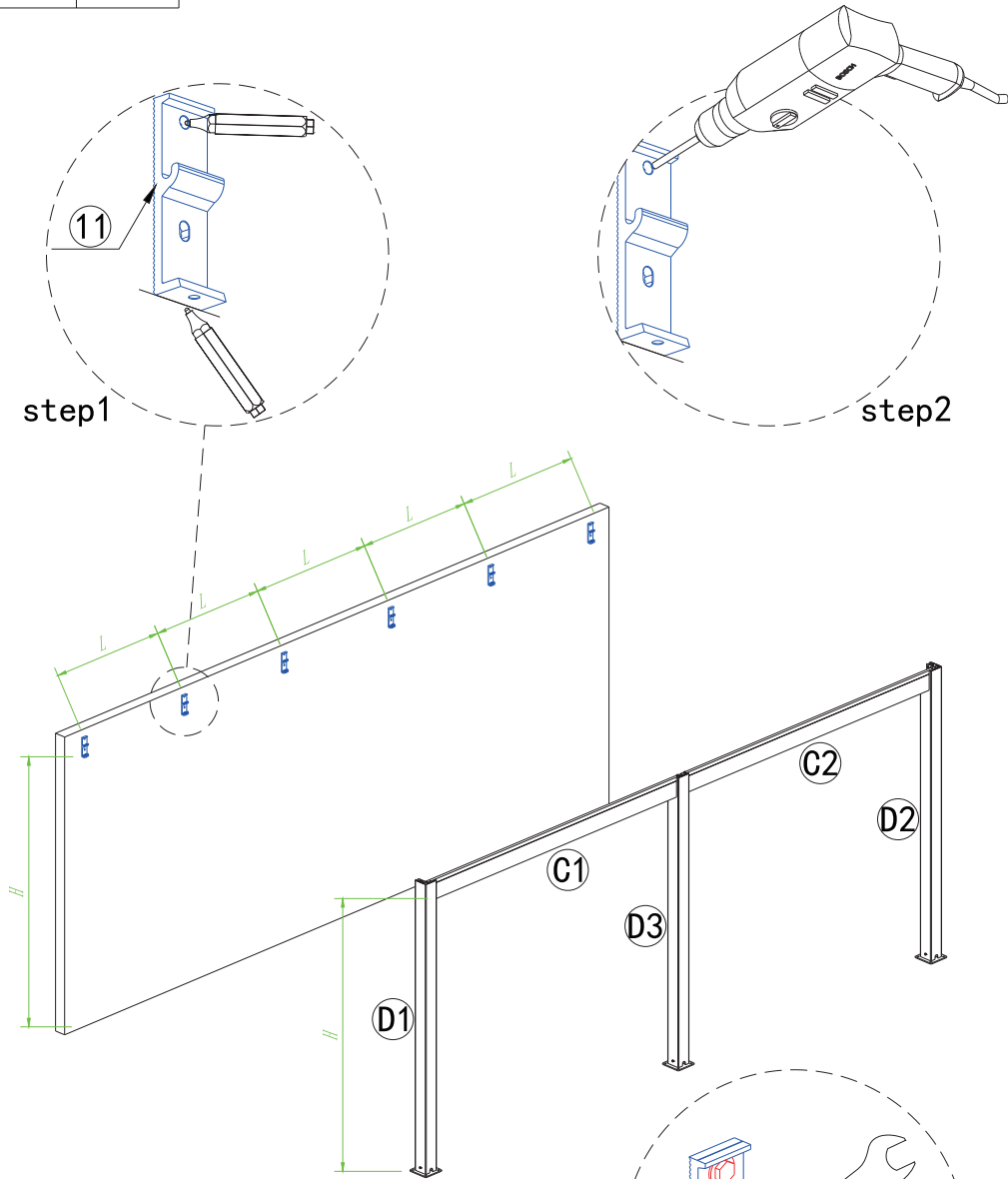
(C1)		X1
(C2)		X1
(8)		X2



STEP 3

1. According the height of (H) from the table below , measure the height of (11) ,use bolt (10) to fasten.




(10)		×12
(11)		×6

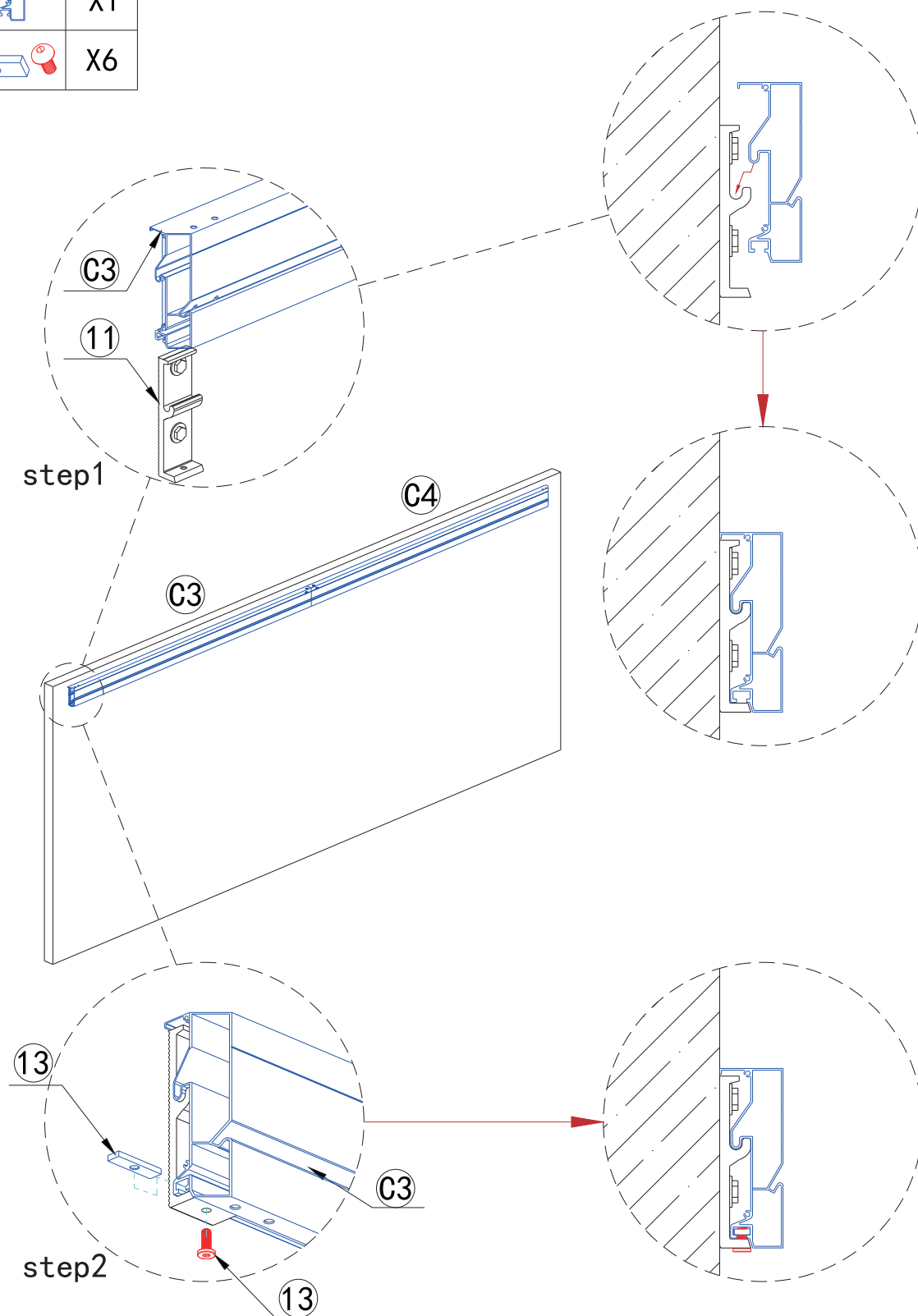


Spec (mm)	H (mm)	L (mm)	Quantity
5060 × 2814 × 2503	2330	982	6
5748 × 2814 × 2503		1119.6	6
5060 × 3855 × 2503	2330	982	6
5748 × 3855 × 2503		1119.6	6

STEP 4





- 1.Align ③ And ④ with ⑪, adjust and contact ③、④ with ⑪ .
- 2.Use ⑬ to fasten with beam ③ and ④ .

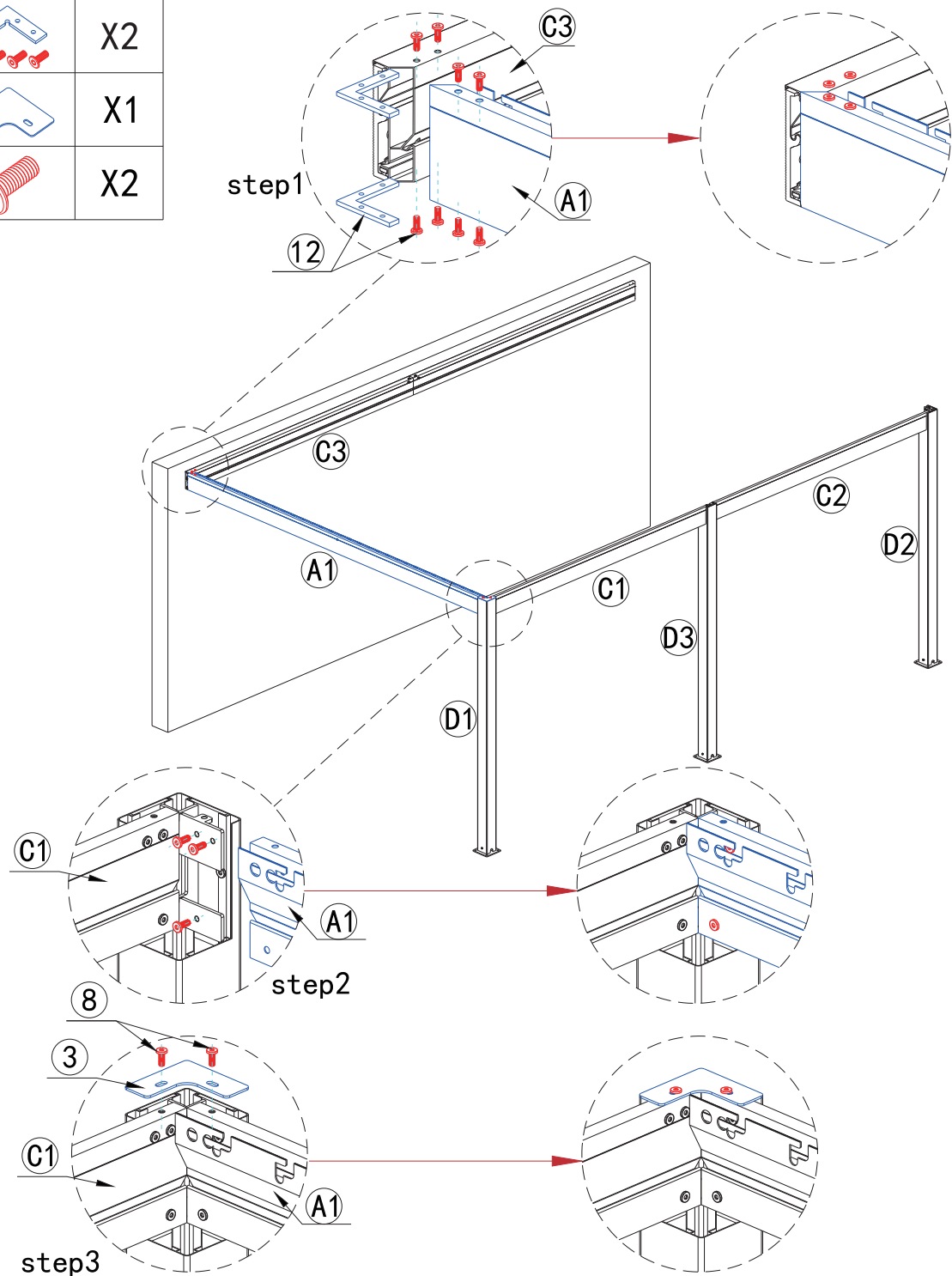
③		X1
④		X1
⑬		X6



STEP 5





- 1.Align ⑫ with holes from ③ and ①, using screws to fasten.
- 2.Loosen the screws from ①, attach ① with ①, use screws to fasten.
- 4.Attach ③ with the upper hole on the ①, using ⑧ to fasten.

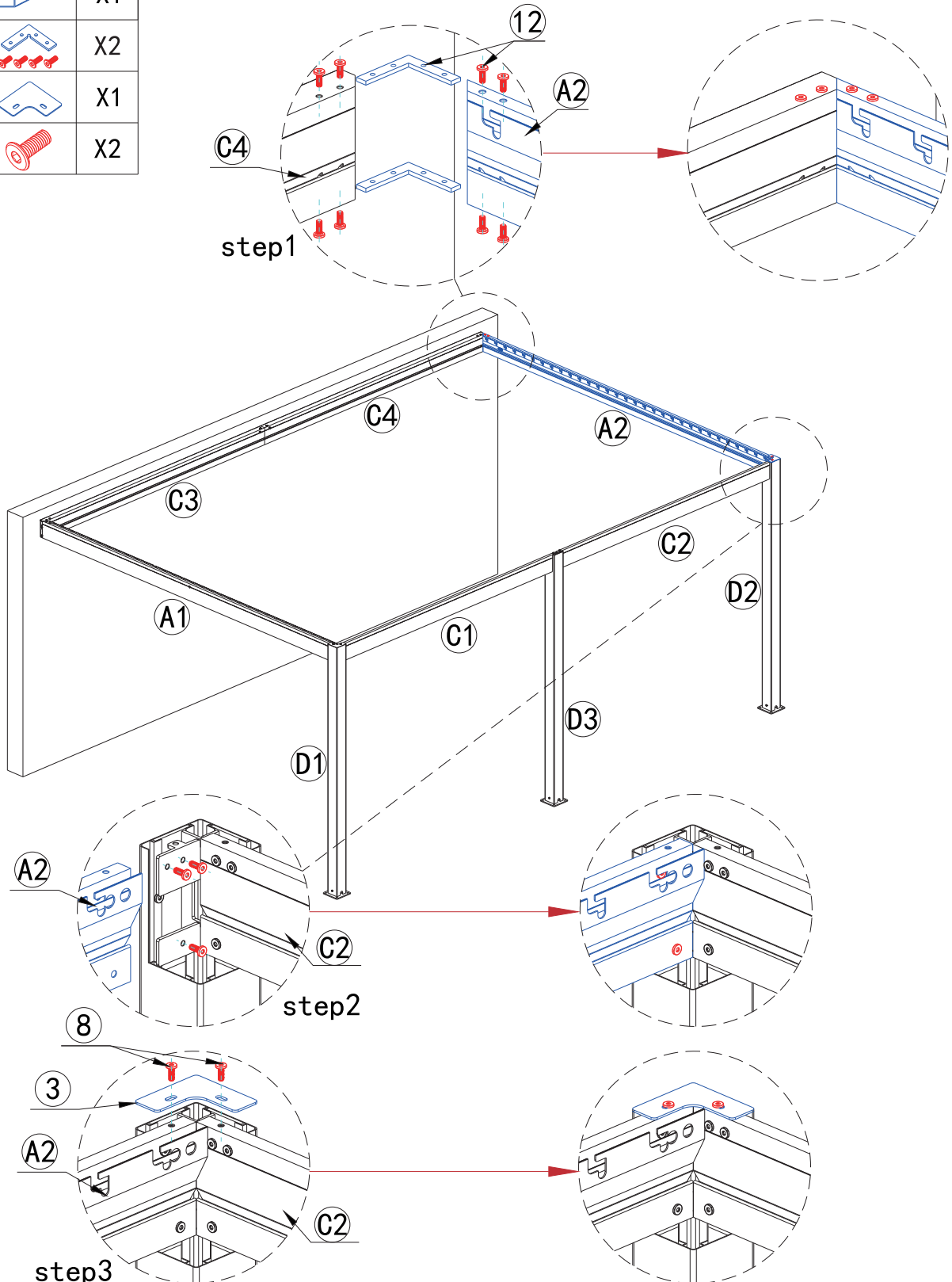
①		X1
⑫		X2
③		X1
⑧		X2



STEP 6


- 1.Align ⑫ with holes from ④ and ②, using screws to fasten.
- 2.Loosen the screws from ②, attach ② with ②, use screws to fasten.
- 3.Attach ③ with the upper hole on the ②, using ⑧ to fasten.

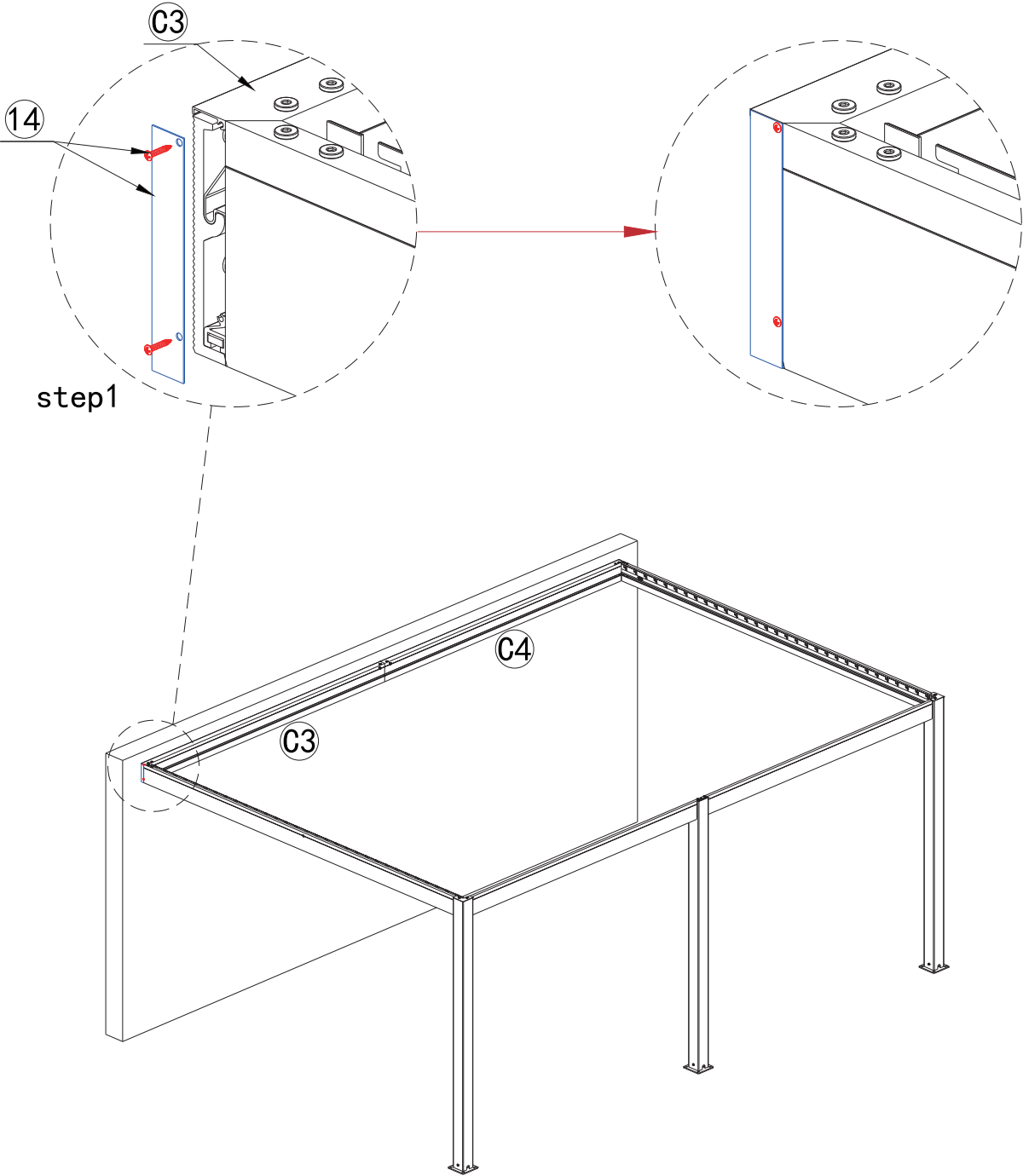
②		X1
⑫		X2
③		X1
⑧		X2



STEP 7



1.Align the round hole of ⑭ to the hole from beam ③ and ④ , using ⑭ to fasten.

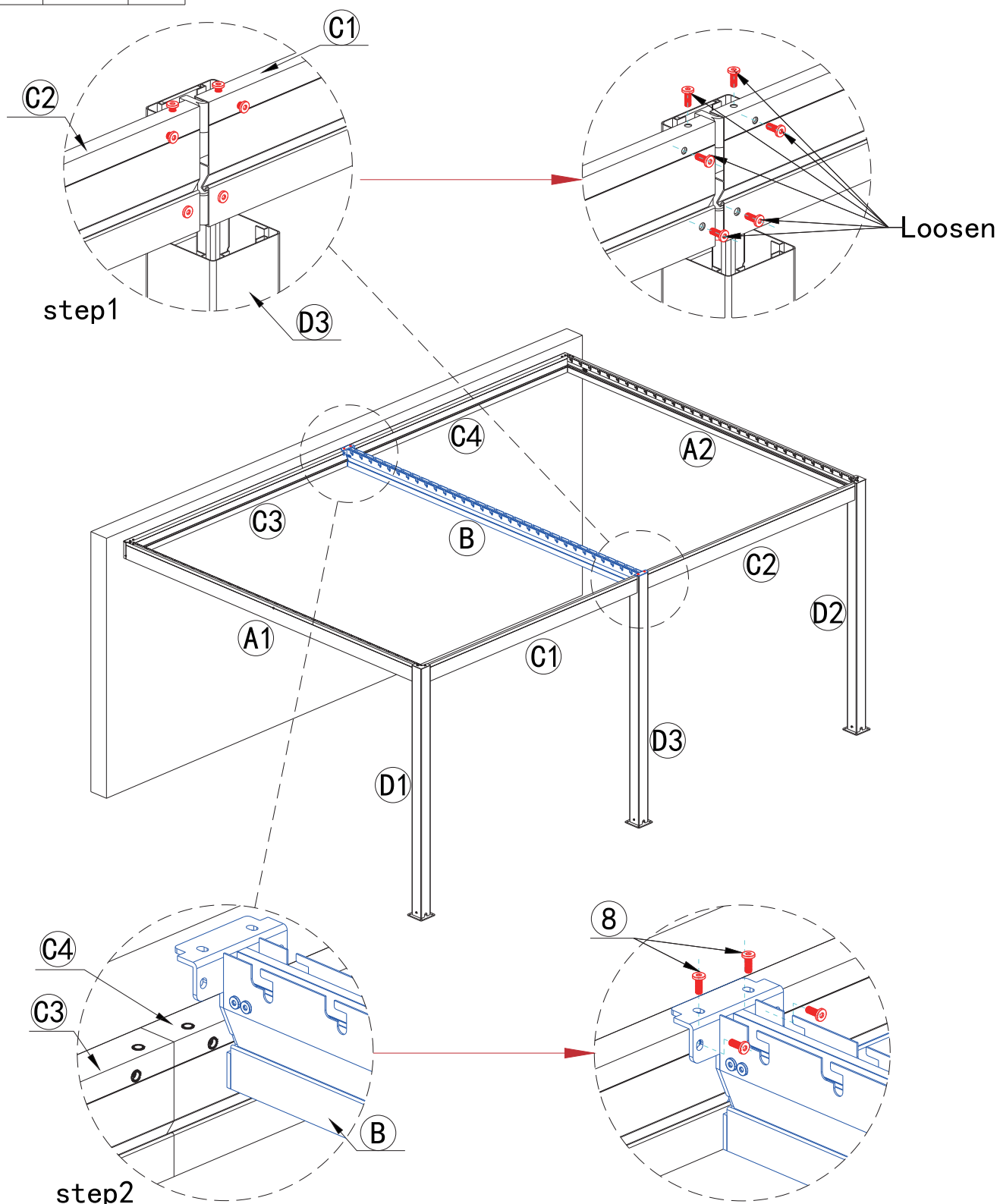
⑭		X2
---	---	----



STEP 8

1. Loosen the pre-install screws on beam (C1)、(C2)、(C3)、(C4) .
2. Align the round hole of the end of beam (B) with (C1)、(C2) and the other side, align with (C3)、(C4) , use screws to fasten.

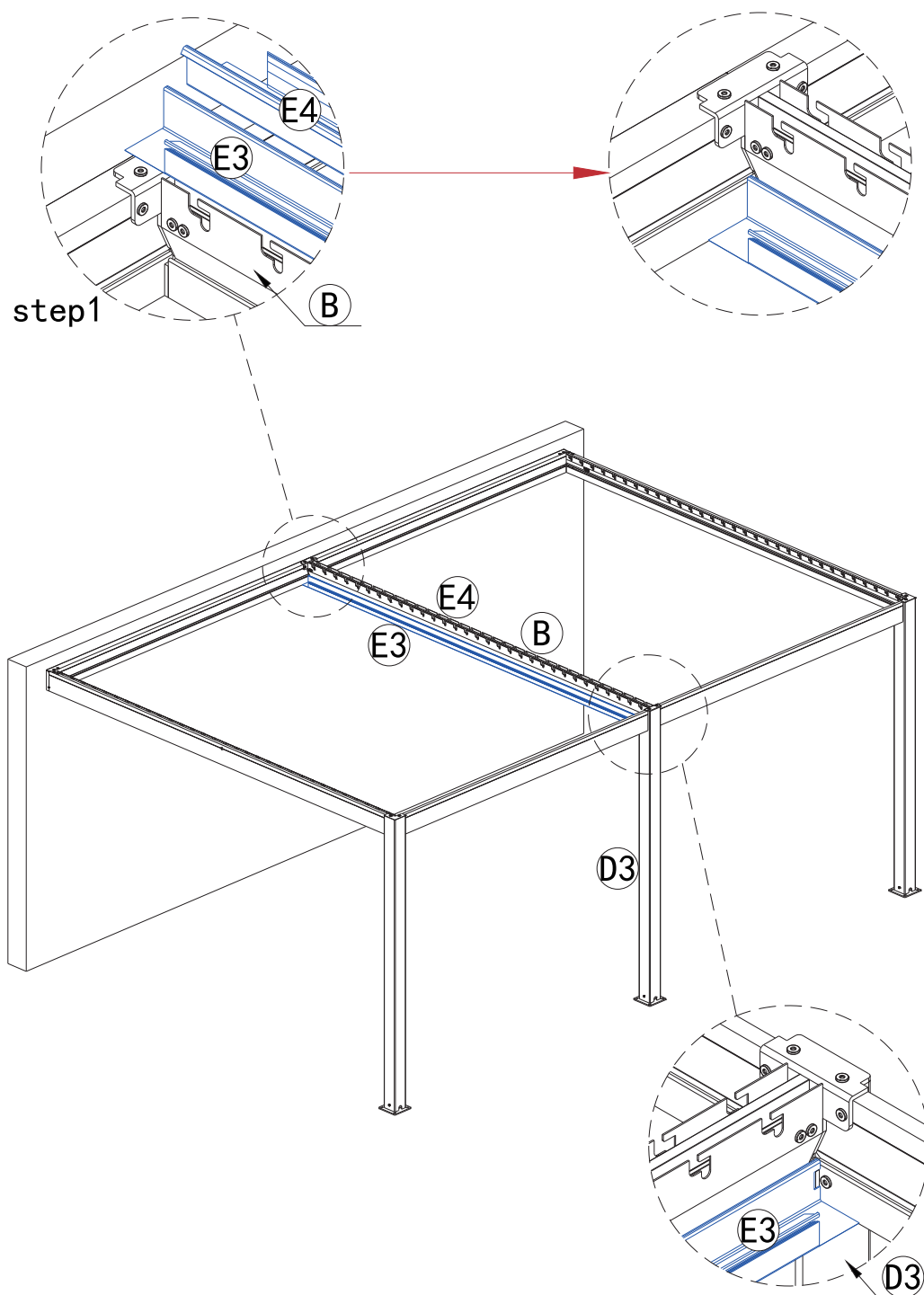
(B)		X1
(8)		X2



STEP 9






1. Attach (E3) and (E4) gutter by hooking inside Beam (B).

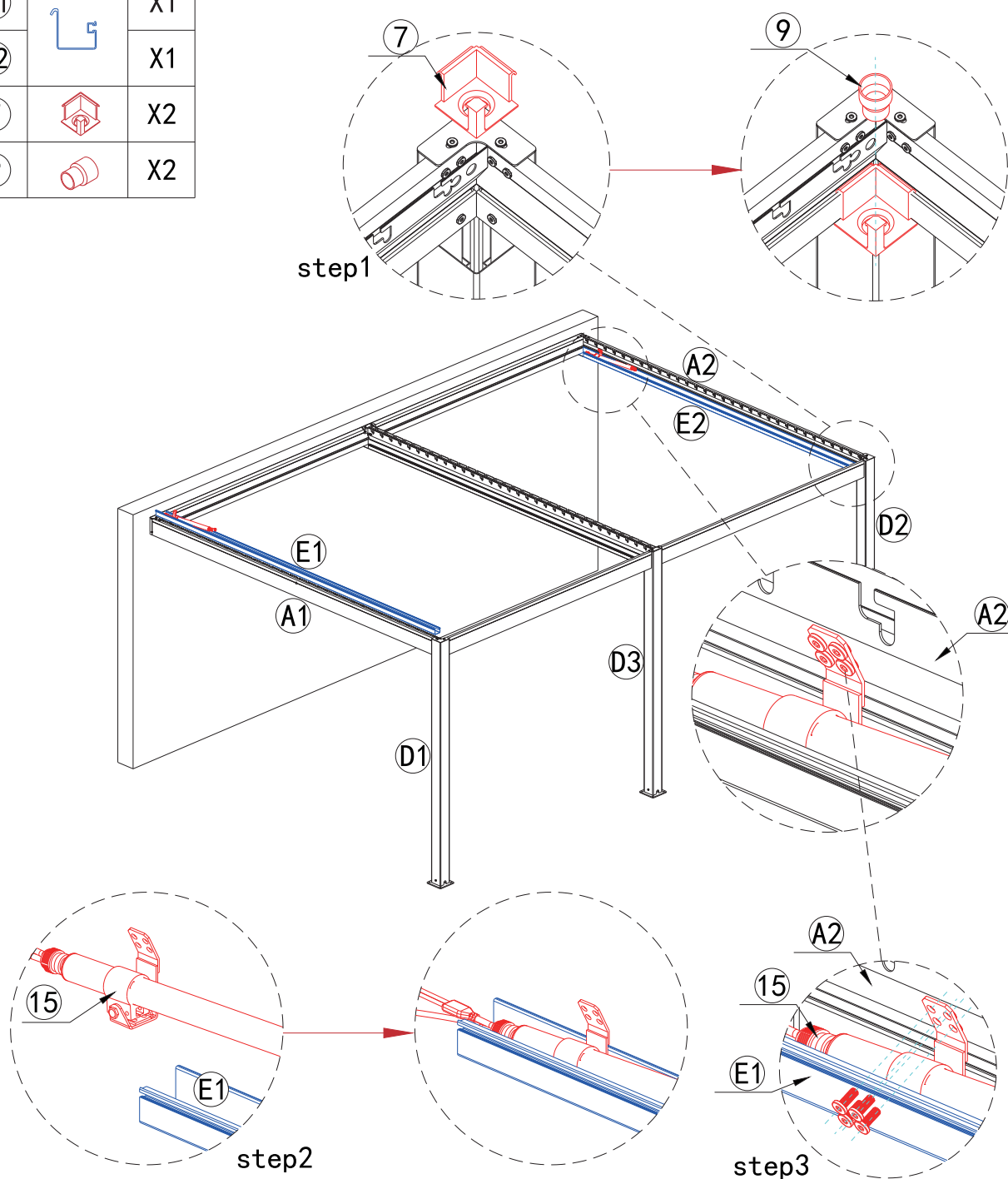
(E3)		X1
(E4)		X1



STEP 10


1. Place ⑦ and ⑨ into ① and ② .
2. Place motor ⑮ into ① and ② as shown below. Attach ① 、② by hooking inside the beam ① and ② .
3. Align the screws with the holes on ⑮ and ① 、② ,then fasten with screws.

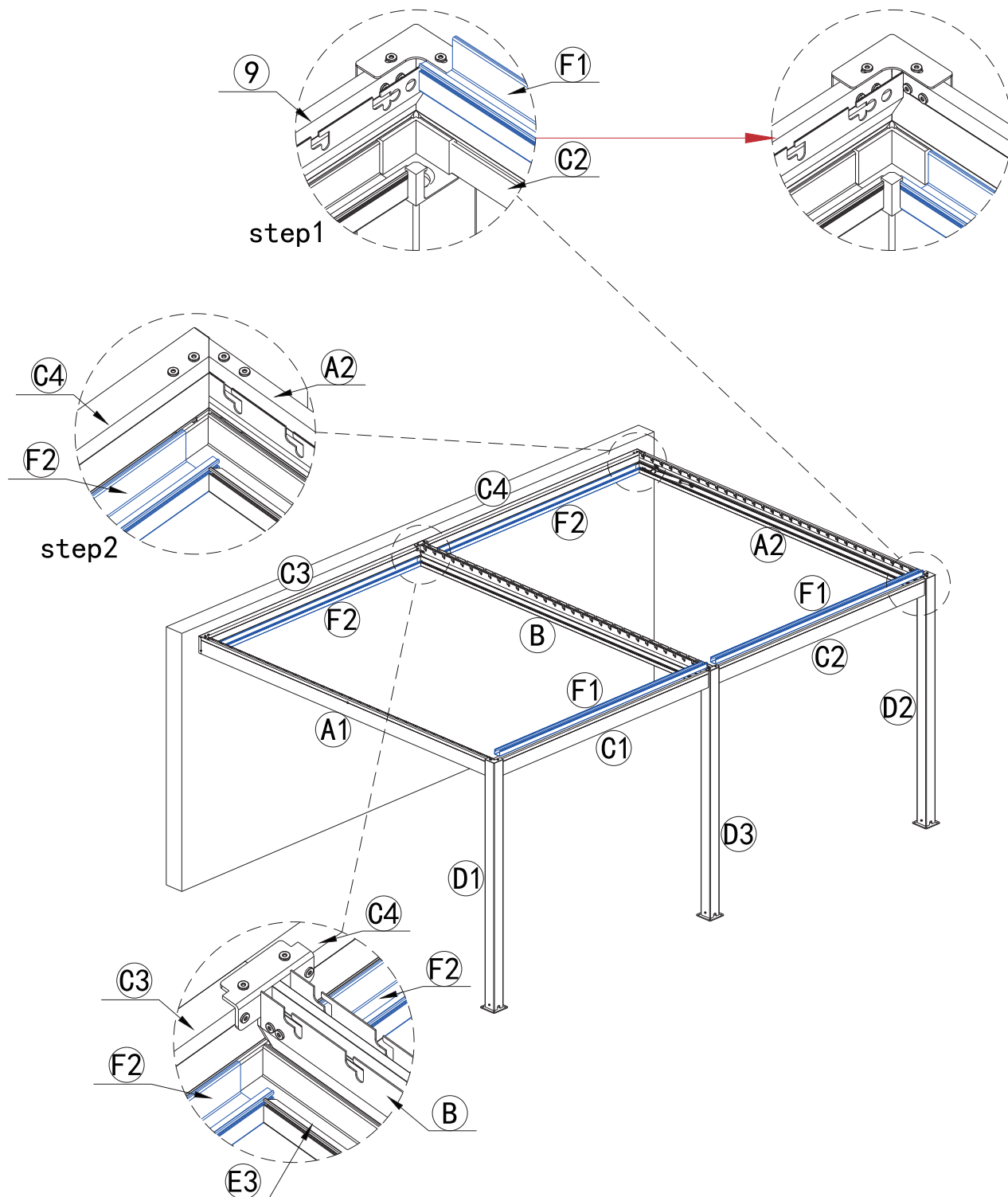
⑮		X2
①		X1
②		X1
⑦		X2
⑨		X2



STEP 11

1. Attach (F1) gutter by hooking inside Beam (C1) and (C2) .
2. Attach (F2) gutter by hooking inside Beam (C3) and (C4) .

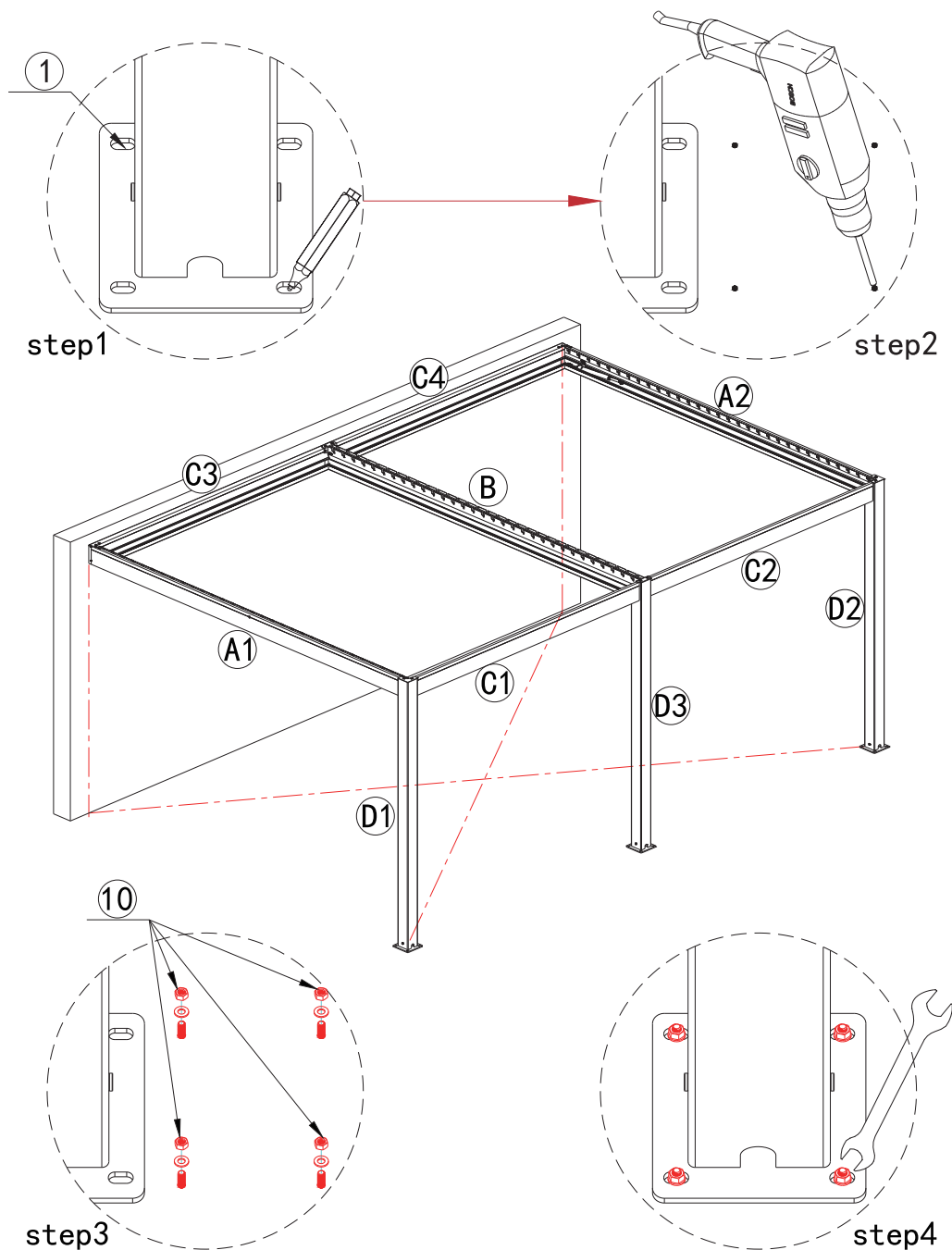
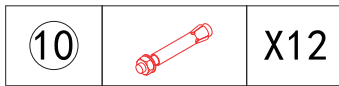
(F1)		X2
(F2)		X2



STEP 12


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.



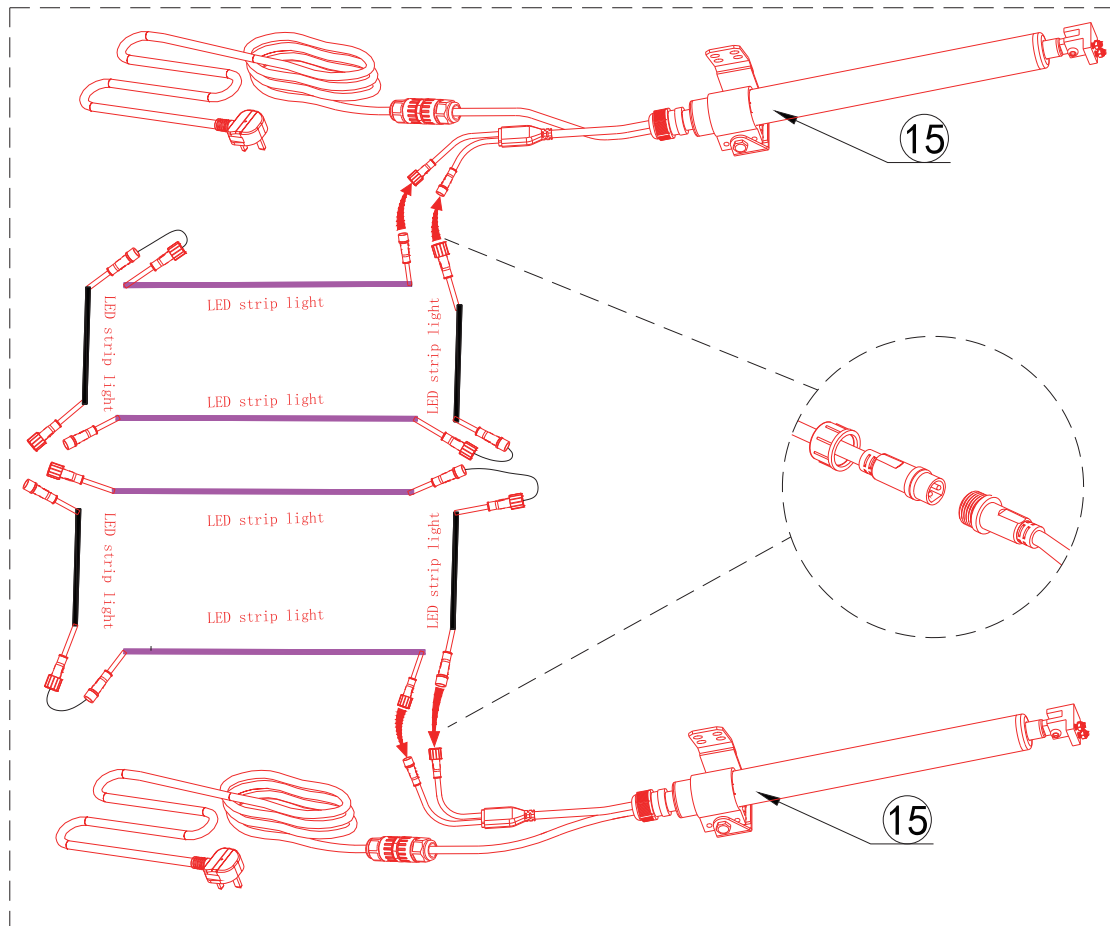
1. Use the glass glue gun to evenly apply the glass glue at the junction of (F1)、(F2) and (E3)、(E4) .
2. Use the glass glue gun to evenly apply the glass glue at the junction of (E1)、(E2) and (F1)、(F2) .

provided by
factory

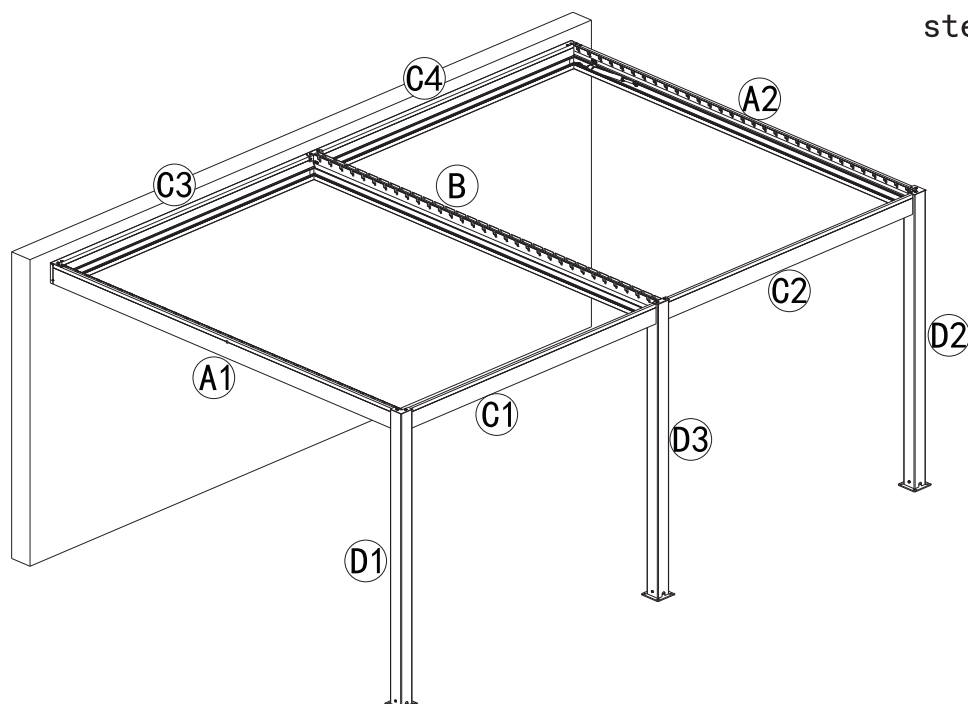
A line drawing of a mechanical pencil. It has a long, thin body with a keychain ring attached to the back. The pencil is shown at an angle, pointing towards the bottom left. The drawing is simple, with clean lines and no shading.

STEP 14

1.1. Connect the female and male plugs for the LED lighting(DC24V to DC24V) and motor (DC24V to DV24V) and plug the power cable into local socket.

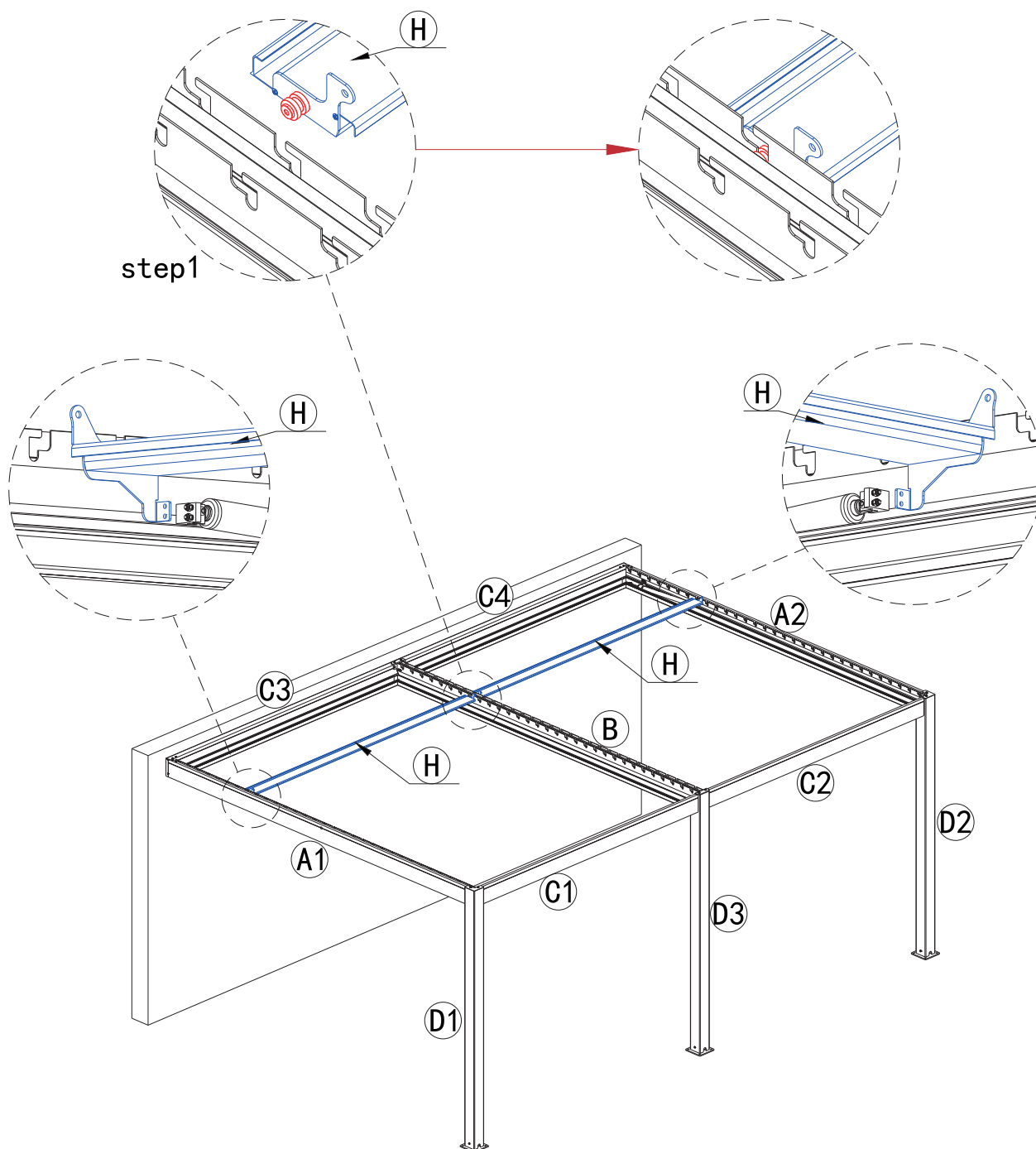
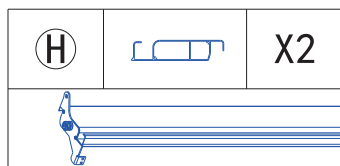


step1





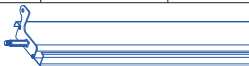
STEP 15

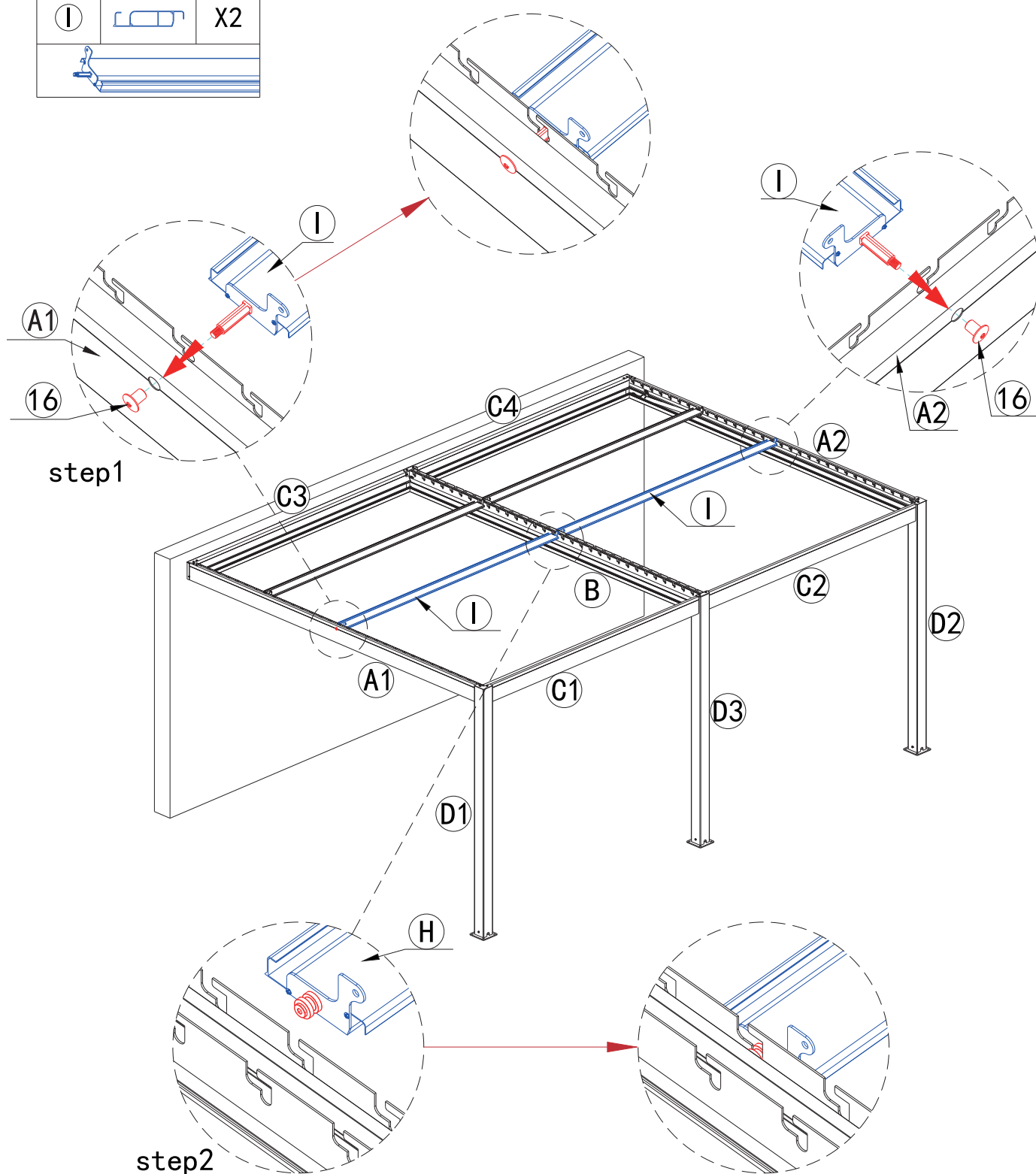
1. Place Driving louver (H) into 8th slot on Beam (A1), (B) and the other frame, place into beam (A2) and (B).



STEP 16



1. Place ① in the middle slot on the beam ① and ② / ③ and ④. Using ⑤ X2, secure the louver in place .

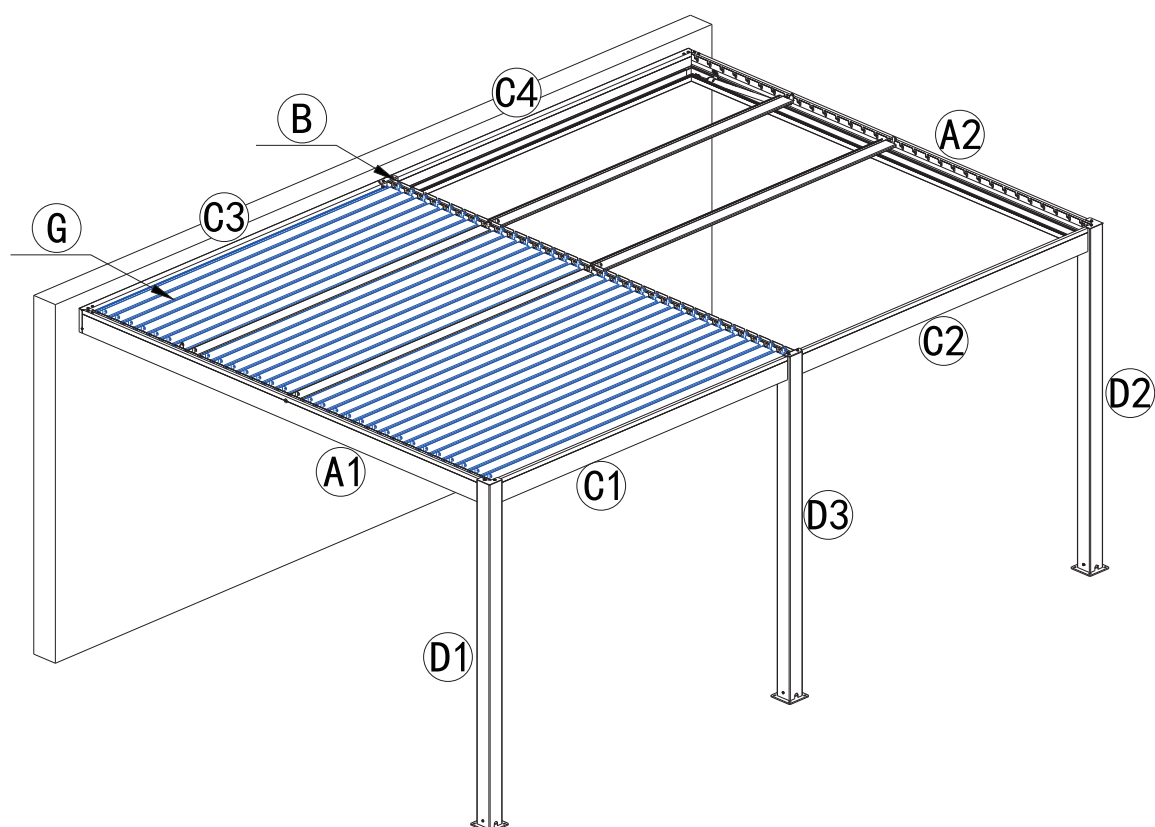
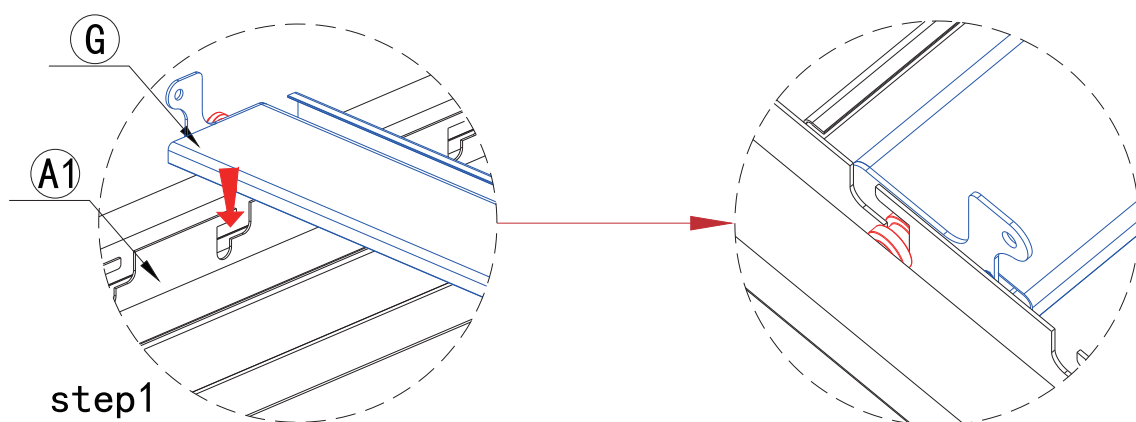
⑤		X2
①		X2
		



STEP 17

1. Fit common louvers (G) X20 for 500x300cm/ 600x300cm and (G) X29 for both 500x400/ 600x400 into the remaining slots in the beam (A1) and (B).

		5x3 6x3	5x4 6x4
(G)		X20	X29
			







STEP 18

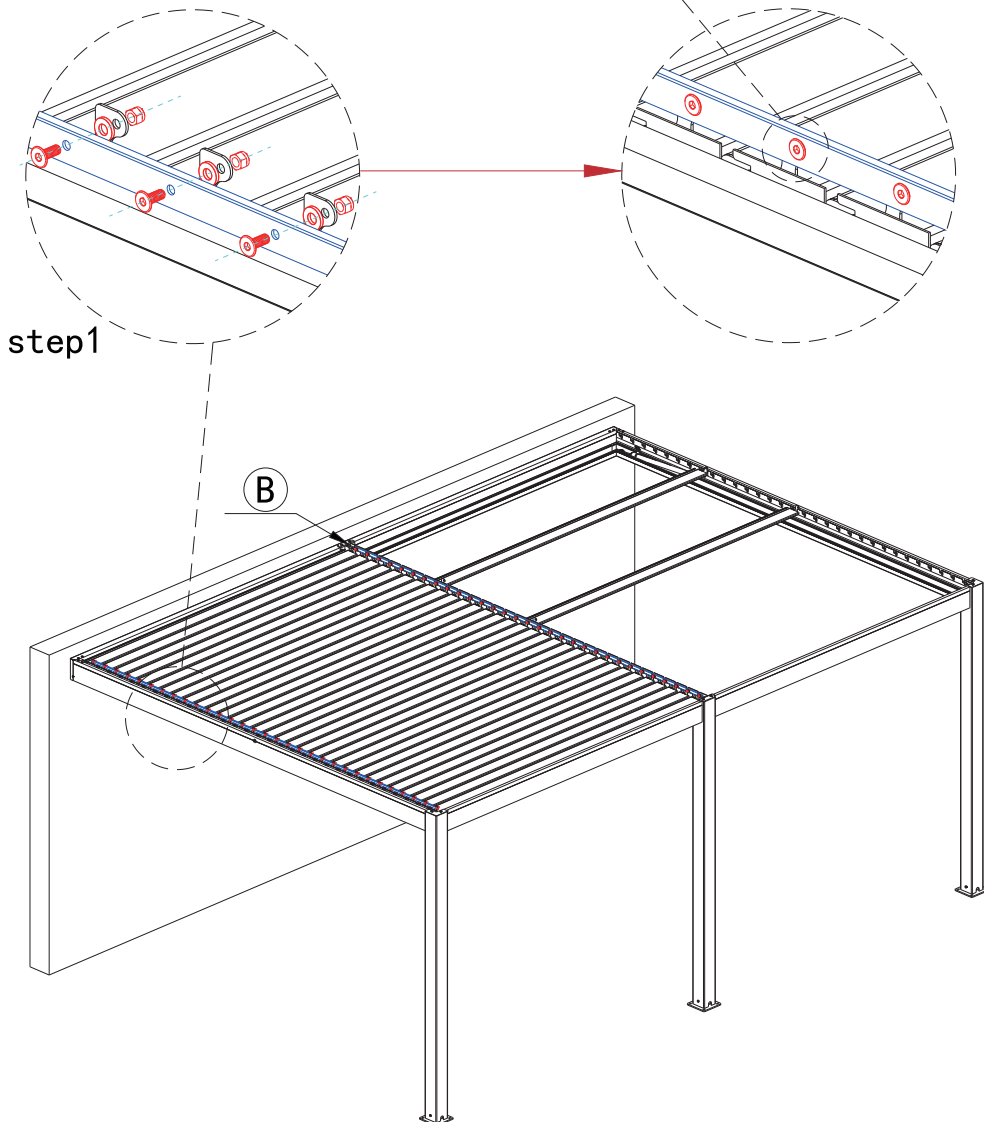
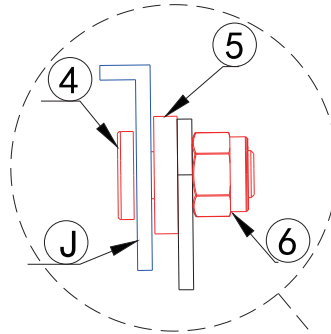
1. Fix (J) X2 (Flat shaped aluminum profile)

One of each other of slats is required.

*Use bolt (4) X44, plastic spacer (5) X44, and nut (6) X 44 to tighten. (500X300cm/600X300cm)

*Use bolt (4) X62, plastic spacer (5) X62, and nut (6) X 62 to tighten. (500X400cm/600X400cm)

		5x3 6x3	5x4 6x4
(4)		X44	X62
(5)		X44	X62
(6)		X44	X62
(J)		X2	X2



STEP 19






1. Fit common louvers (G) X20 for 500x300cm/ 600x300cm and (G) X29 for both 500x400/ 600x400 into the remaining slots in the beam (A2) and (B).

2. Fix (J) X2 (Flat shaped aluminum profile)

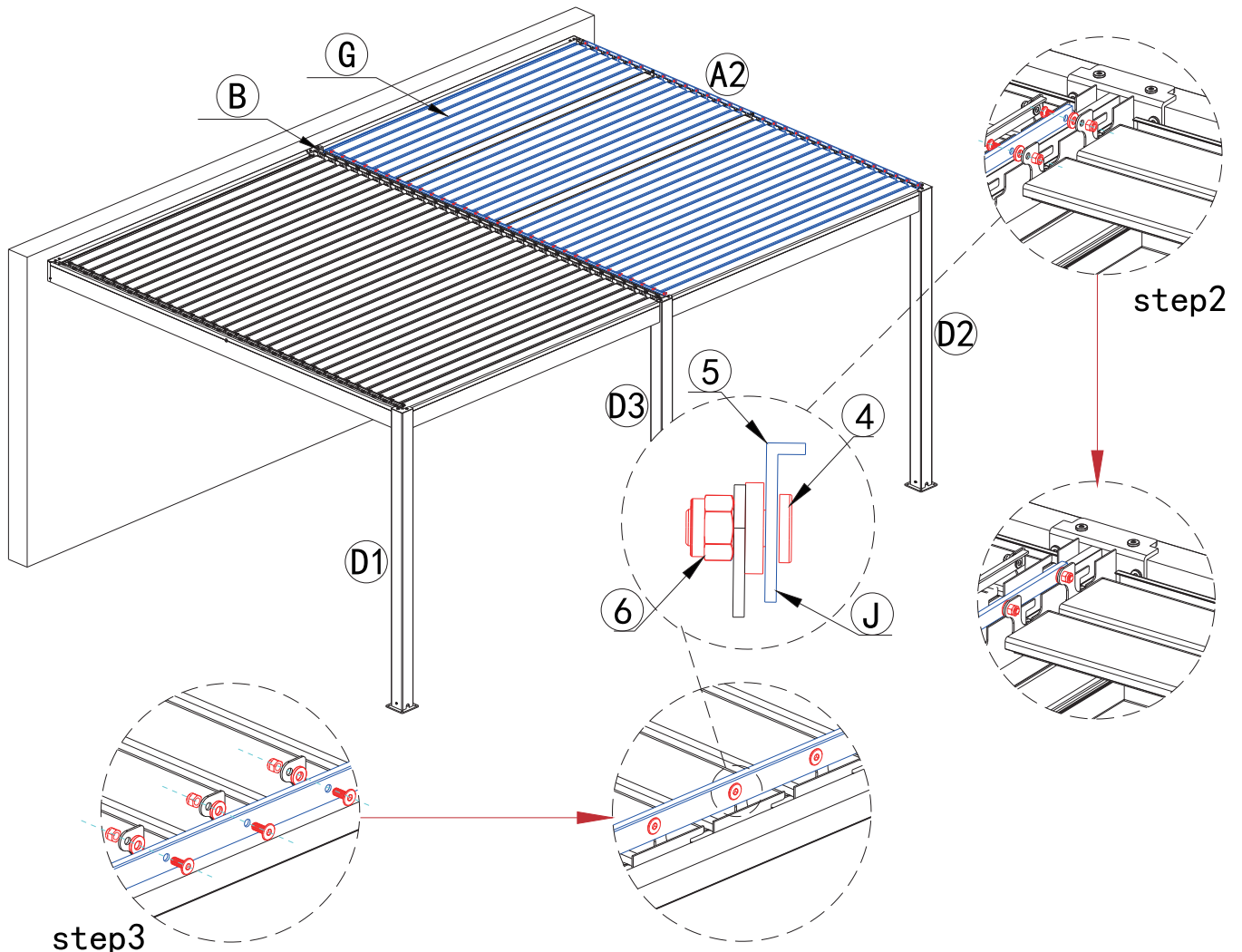
One of each other of slats is required.

*Use bolt (4) X44, plastic spacer (5) X44, and nut (6) X 44 to tighten. (500X300cm/600X300cm)

*Use bolt (4) X62, plastic spacer (5) X62, and nut (6) X 62 to tighten. (500X400cm/600X400cm)

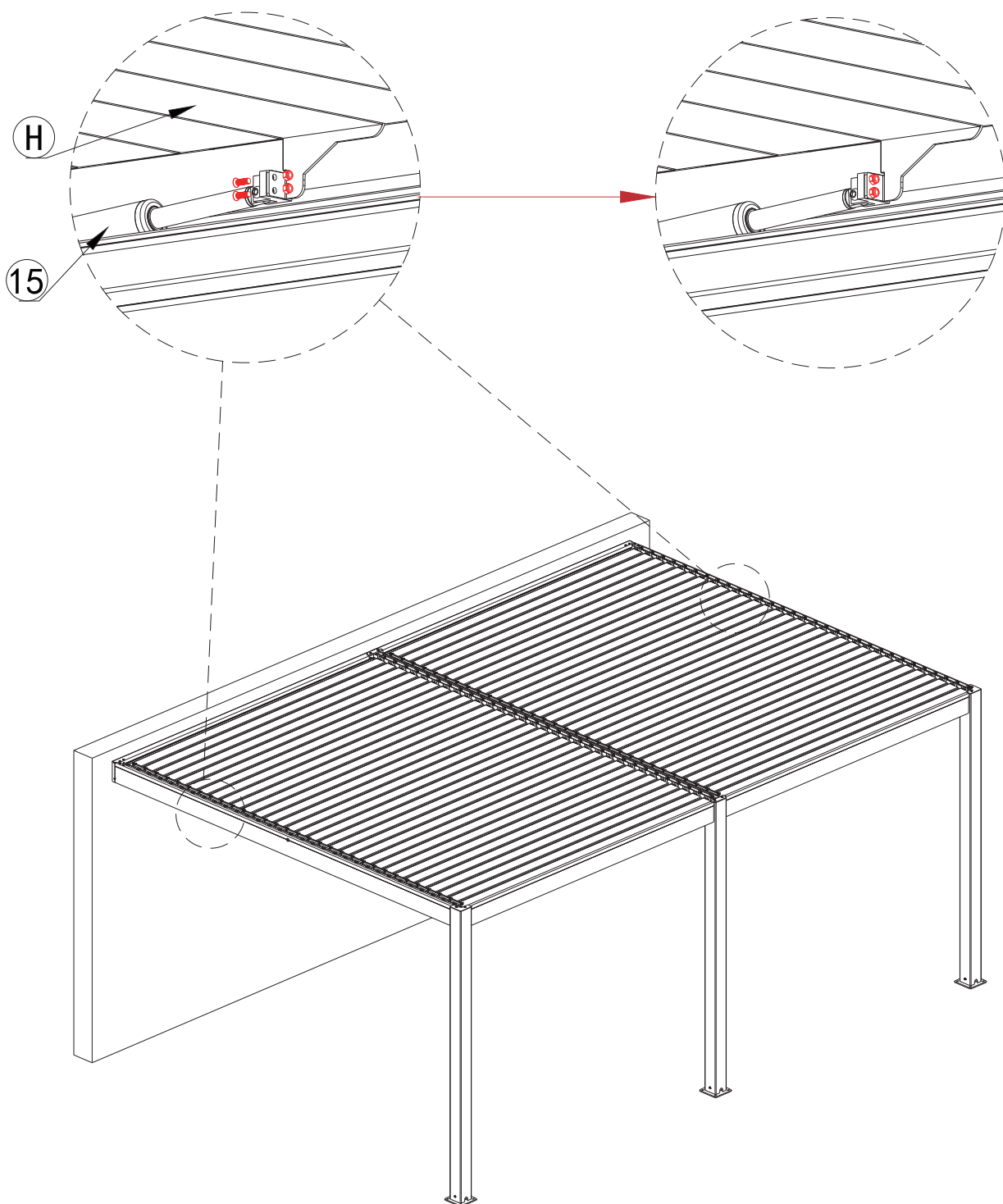
		5x3 6x3	5x4 6x4
(4)		X44	X62
(5)		X44	X62
(6)		X44	X62
(J)		X2	X2
(G)		X20	X29

step1



STEP 20

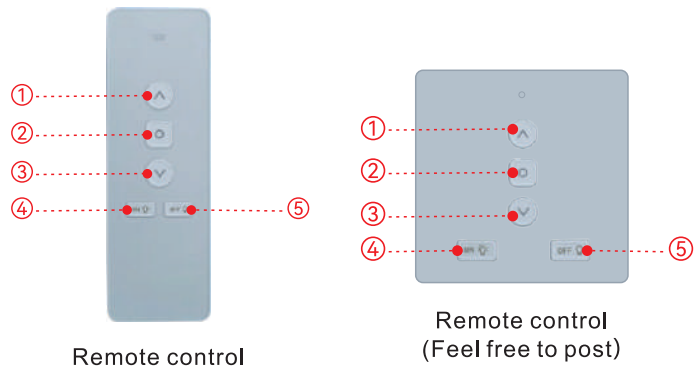
1. Using the screws from the motors sideways . Align the connector of (15) with the (H) driving side panels.



Operation Manual for PM02\D Remote Control

1. Function and Features

- ①Up button: Open motor
- ②Stop button: stop motor
- ③Down button: close motor
- ④Light control button: open the light
- ⑤Light control button: close the light



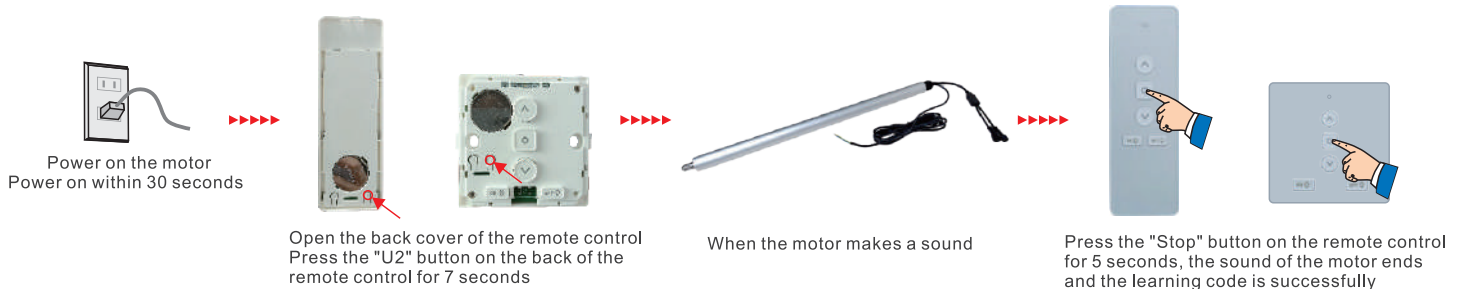
2. Parameters

Product Name	Remote control with light control	Product Name	Remote control with light control (Feel free to post)
Receive/transmit Frequency	868.35MHz	Receive/transmit Frequency	868.35MHz
Working Temperature	-20°C~ + 85°C	Working Temperature	-20°C~ + 85°C
Receive Sensitivity	-110dBm	Receive Sensitivity	-110dBm
Number of Emitters Allowed	≤ 8pcs	Number of Emitters Allowed	≤ 8pcs

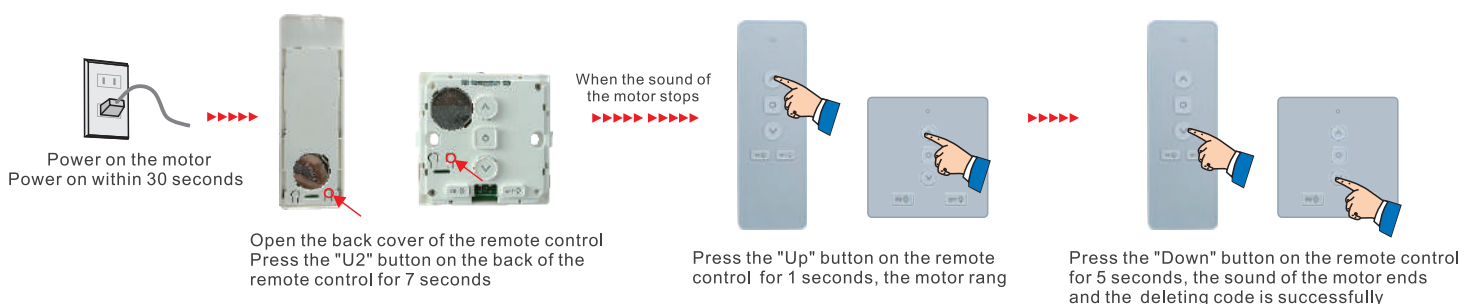
3. Instructions

A. Learning code steps

Note: Only the remote control that has entered the learning code state is supported to wake up to learn the code. After waking up, changing other remote controls cannot learn the code. (Use this method when you can't find the learned code remote control)



B. Deleting code steps



WARNING: Ensure louvers are open during periods of mild to strong winds.

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.