



Assembly Instructions

4x3 COMO PERGOLA (MATT XERIX)

16101101 - CARTON 1
16101102 - CARTON 2
16101103 - CARTON 3
16101104 - CARTON 4

TOP TIPS:

- Please read these instructions carefully before assembly.
- Aluminium is soft metal and over tightening may strip thread or break the part.
- Please allow 120 minutes for assembly.
- Assembly will require 3 people.
- Personal injury and/or damage to the product may occur if the products are used outside of their intended purposes and/or if the products have been changed/modified from their original design. The product must be assembled and used in accordance with the provisions of the manual.
- Do not use sharp tools or equipment such as a knife or scissors when removing the protective material, as it may damage the product.
- Carefully check the accessories when opening the package. If anything is missing or damaged, please contact us immediately.
- Please do not force or overtighten screws. If any screw gets stuck, unscrew it and start again. After setup, fully tighten screws. Do not tighten all the screws before ensuring the item is properly aligned.
- Please ensure that you have sufficient space to assemble the item. Ensure that the pergola is installed in a suitable location with adequate space and proper support.
- Keep small parts and hardware in a safe place during assembly to avoid misplacement.

IMPORTANT INFORMATION:


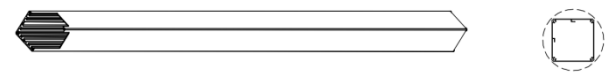
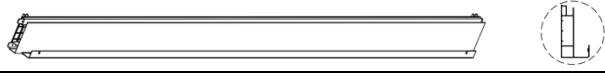
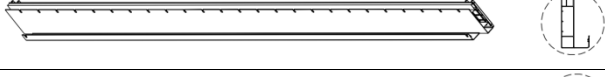
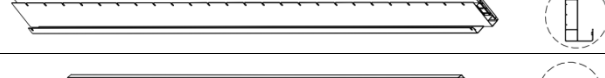

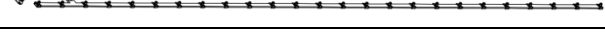
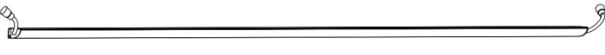



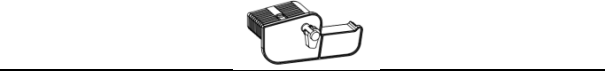





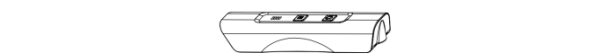
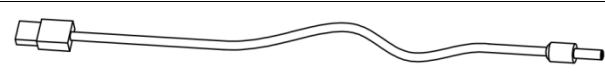
- Keep children away when assembling the product. Small parts are included in the package, they may be fatal if swallowed or inhaled. To avoid the potential dangers of suffocation, please keep all parts and packaging (film, plastic bags, foam, etc.) away from babies and children.
- Ensure the pergola meets local building regulations.
- Heights can be risky. Always wear protective gear to avoid injuries if you fall. Only use ladders and scaffolding that can support the necessary weight.
- Follow the manufacturer's safety guidelines when using power tools or ladders. Use only manufacturer-approved replacement parts.
- Do not modify the equipment's design or configuration without consulting the manufacturer or an authorized representative.
- Tighten all components securely before use. Failure to do so may result in personal injury. Ensure that the pergola is securely anchored or fastened to the ground or any supporting structure to prevent it from toppling over.
- Be cautious while handling any sharp edges or corners of the pergola during the assembly process.
- Regularly inspect the pergola for any loose or damaged parts and secure or replace them as needed.
- Keep vegetation and debris clear from the pergola to prevent any potential damage or obstruction.
- Clean the pergola with water using a soft, clean cloth.

For replacement or lost spare parts please go to <http://faq.hartmanuk.co.uk/spares/>

Should you have any queries about your furniture your first point of contact should be the retailer from whom you purchased your product.

For more information regarding maintenance of your furniture please visit <http://www.hartmanuk.com>





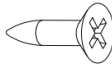

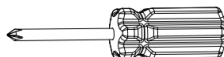



PARTS LIST

Component's				
Parts List	Parts Picture	Description	Qty	Component No.
A1		Main Pillar	1	16101102A1
A2		Pillar	3	16101102A2
B1		Beam	2	16101101B1
B2		Beam	1	16101101B2
B3		Beam	1	16101101B3
C		Louver	25	16101103C 16101104C
D		Connecting Strip with Hydraulic Rod	1	16101101D
E1		Light Strip (Male Connector)	2	16101101E1
E2		Light Strip (Female Connector)	2	16101101E2
F1		Foot Plate	4	16101102F1
F2		Foot Plate Cover	4	16101102F2
G1		Left Louver End Cap	25	16101102G1
G2		Right Louver End Cap	25	16101102G2
H1		Pillar Cover	3	16101102H1
H2		Solar Panel	1	16101102H2
K		Crank Handle	1	16101102K
L1		Battery Base	1	16101102L1
L2		Battery	1+1	16101102L2
L3		USB Charging Cable	1	16101102L3





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PARTS LIST

Component's				
Parts List	Parts Picture	Description	Qty	Component No.
AA		M6 x 25 Screw	16	1017162
BB		M6 x 18 Screw	3	2100104
CC1		M5 x 12 Screw	1	2100105
CC2		Washer	1	2100106
DD		ST4.2 x 15 Screw	2	2100107
EE		M6 x 60mm Anchor Bolt	16	2100108
FF		Screwdriver	1	2100109
GG		Large Allen Key	2	2100110
HH		Small Allen Key	2	2100111
JJ		Double End Open End Spanner	1	2100112

To make your installation process quicker and more convenient, we recommend having the following tools and accessories ready in advance. Please note that these are not included with the product.

Protective Gloves	Hard Hat	Tape Measure	2 Ladders
			

You will also require a 10x100mm masonry drill bit.

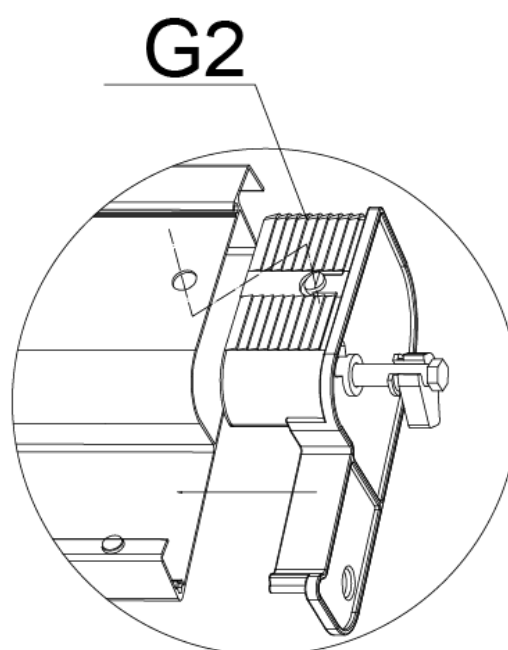
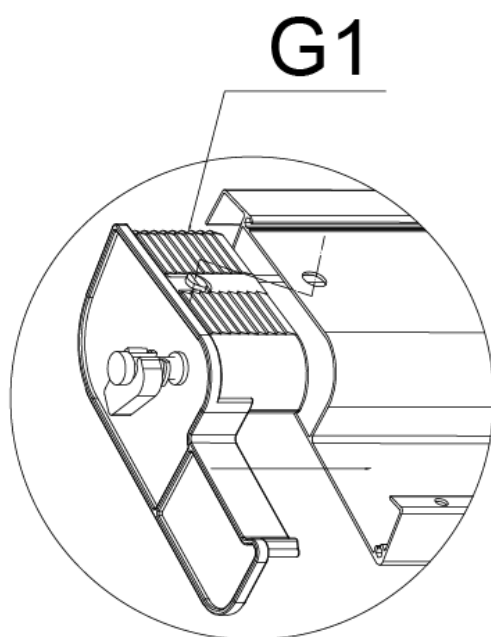
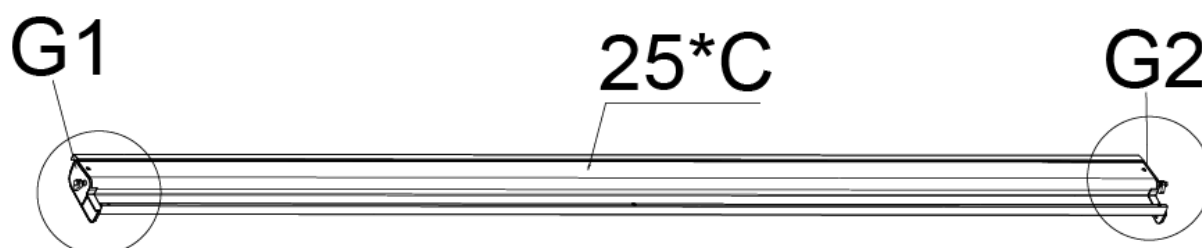
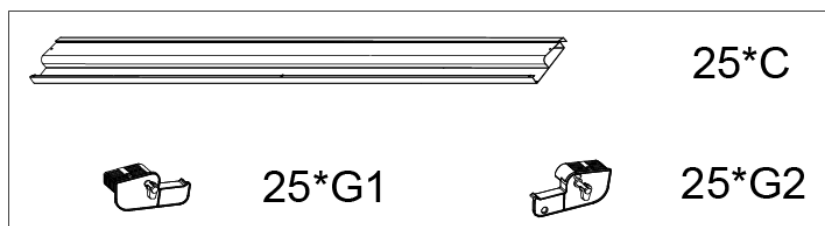
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Step 1
Slide the foot plate cover (F2) over main pillar (A1) and pillar (A2). Fix the foot plate (F1) to the pillars with screws AA.

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Step 2

Attach left louver end cap (G1) and right louver end cap (G2) to louver (C), ensuring the correct sides.

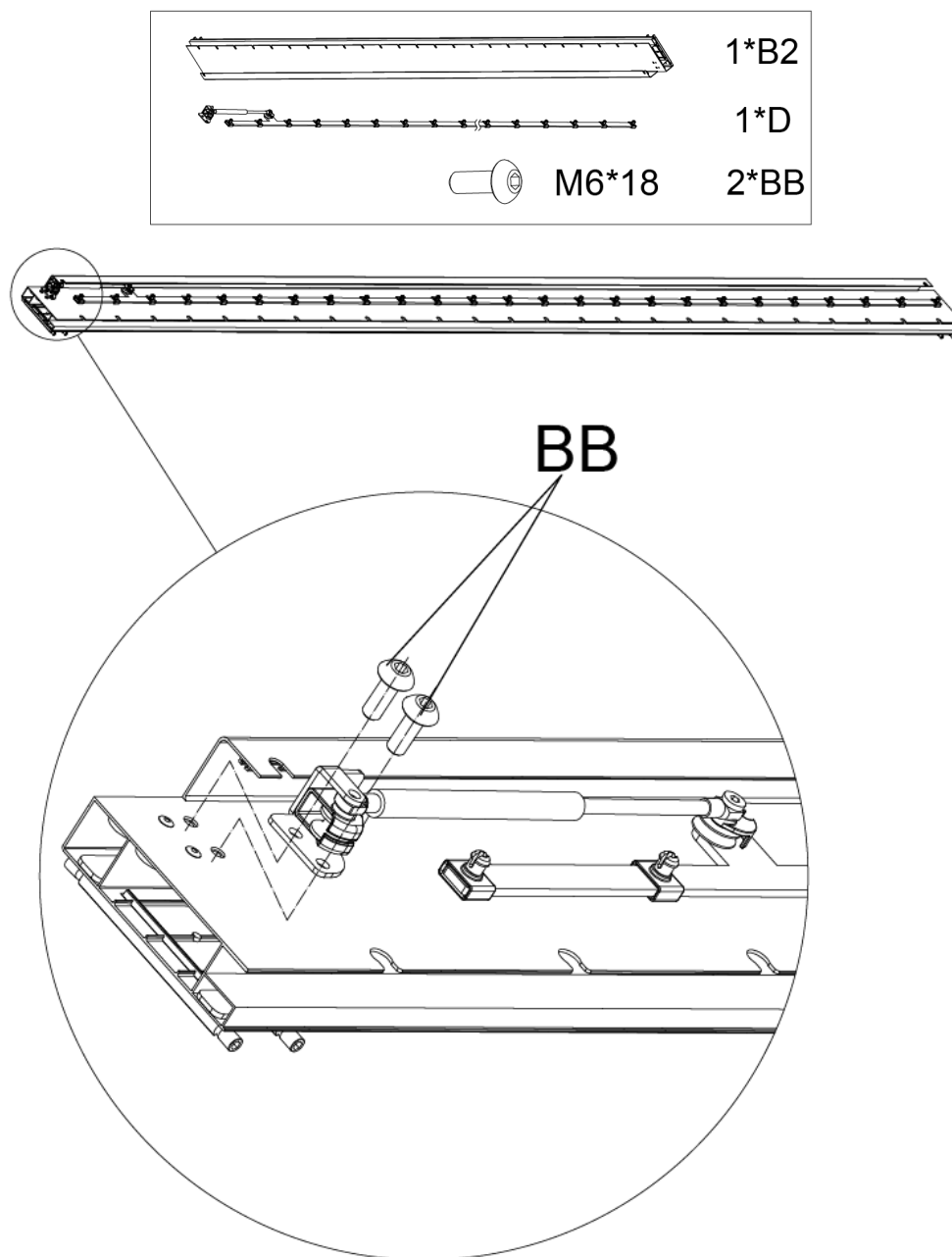


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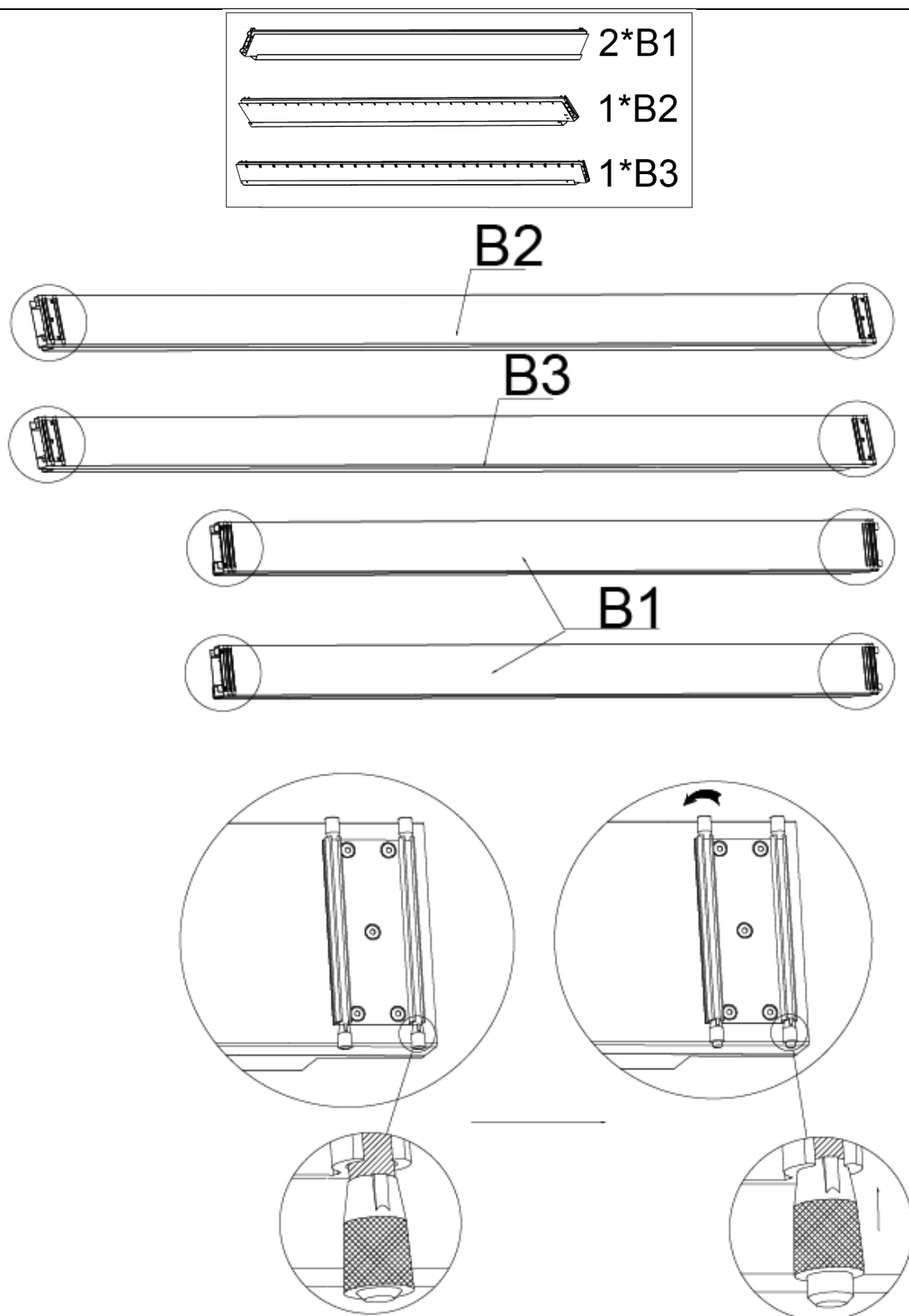
Step 3

Use screw (BB) to attach the connecting strip with hydraulic rod (D) to beam (B2).



Step 4

Before fitting the beams, check that the tapered nuts at both ends are secure. If they are loose, hand-tighten them completely.

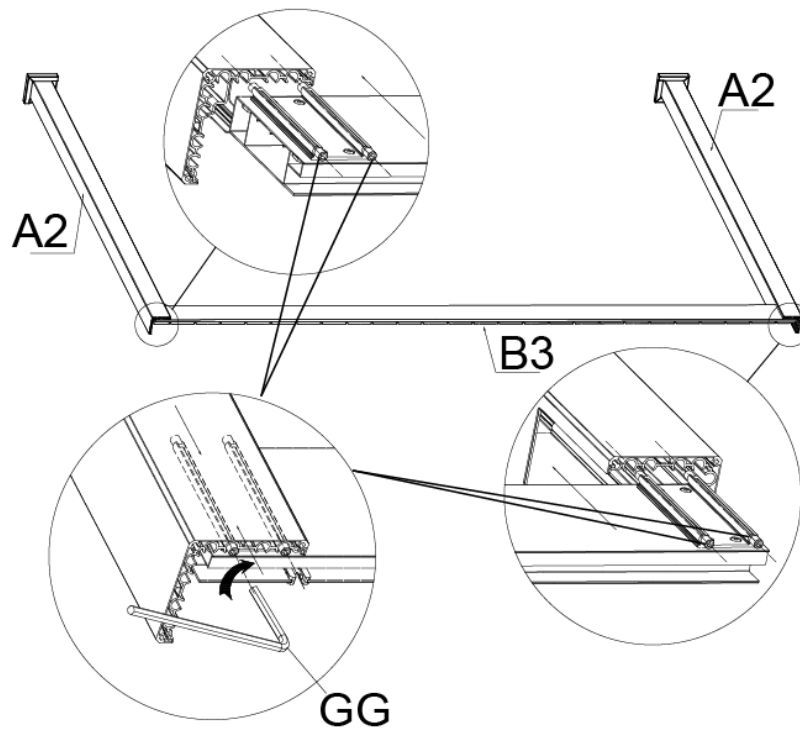


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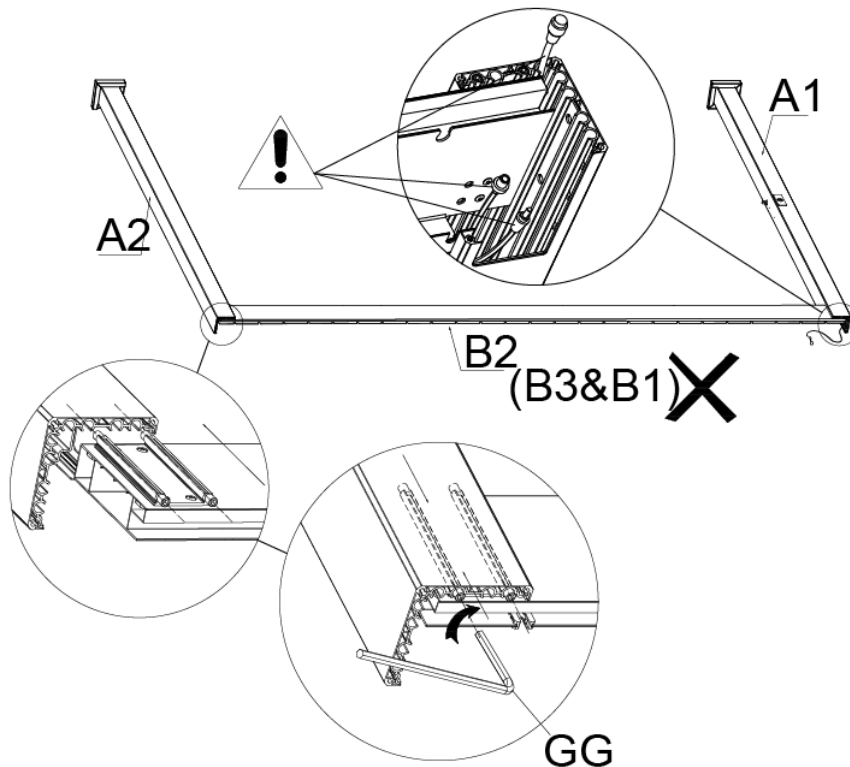
Step 5

Attach beam (B3) to pillar (A2). Use the larger Allen key (GG) to tighten the screws for a snug fit.

**Step 6**

Arrange the 3 connectors at the top of the main pillar (A1).

Attach beam (B2) to main pillar (A1) and pillar (A2). Use the larger Allen key (GG) to tighten the screws for a snug fit.



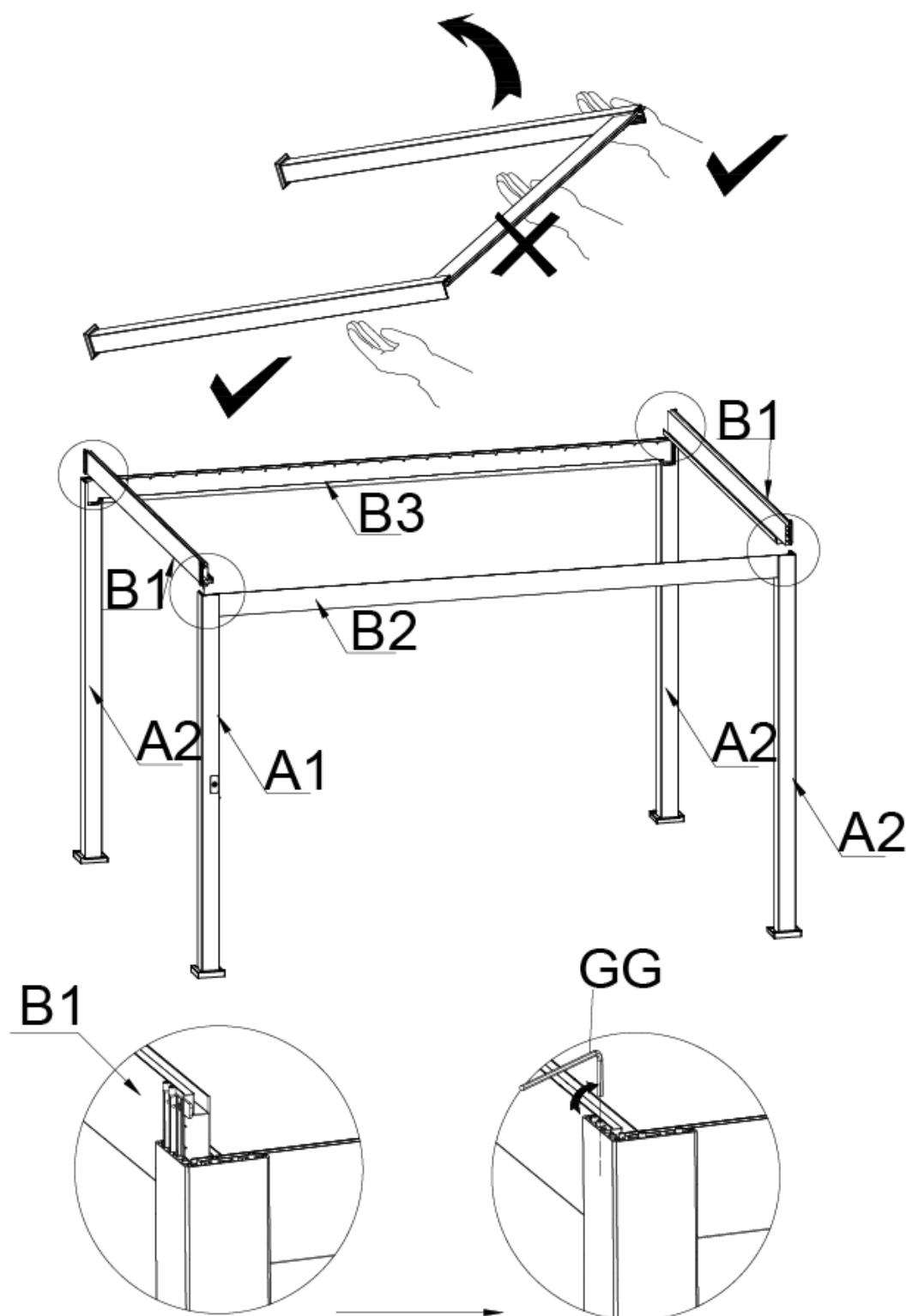
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Step 7

Use beam (B1) to connect the other beams and pillars to construct the basic structure of the pergola. Use the large Allen key (GG) to tighten the nuts at the top of the pillars, ensuring the pillars and beams are securely fastened.

Note: When moving the assembled frame, hold the pillar to move it. Do not lift the beam to avoid loosening and injury, as the beam is not yet fully secured.

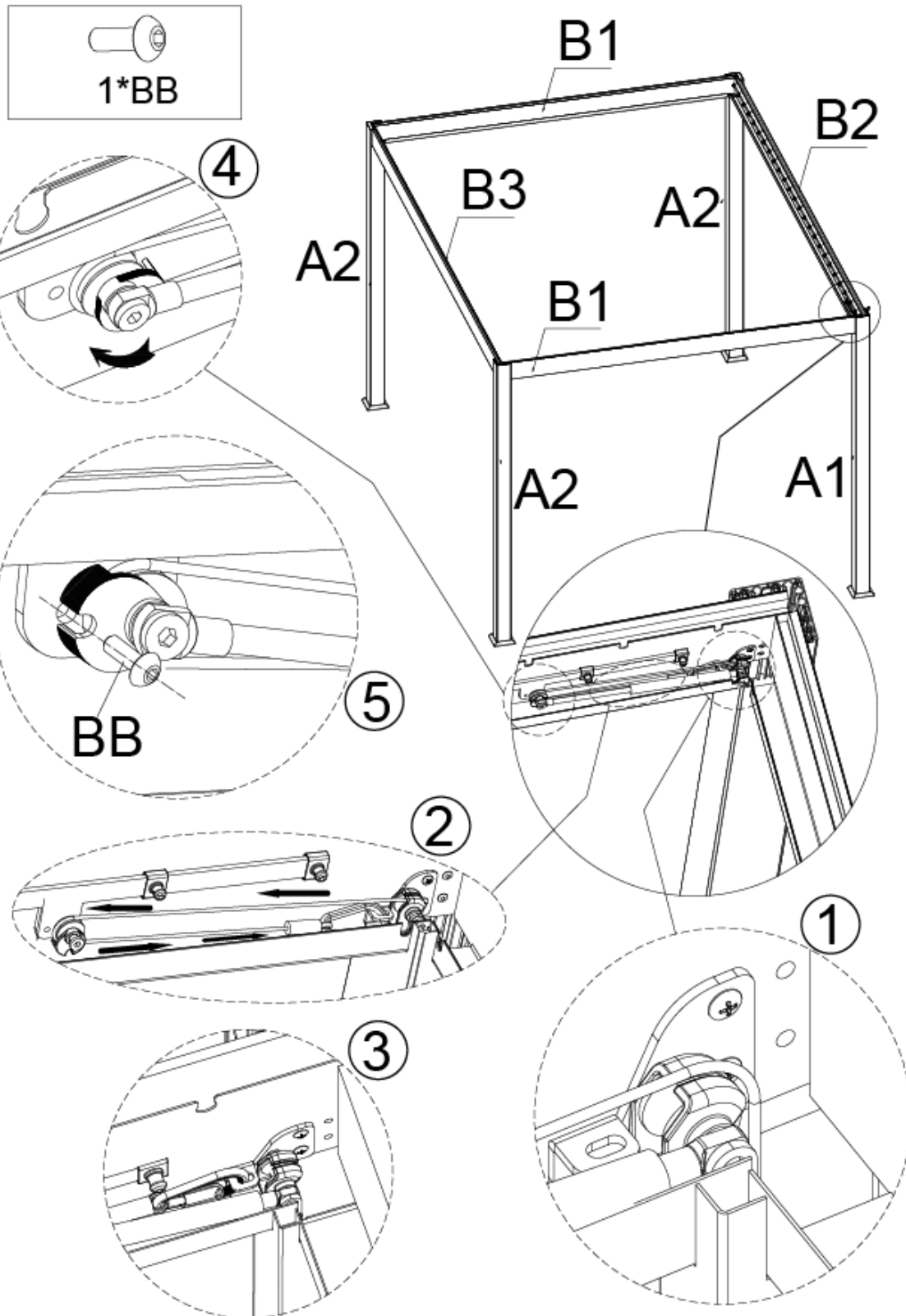


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Step 8

1. Take the rope with the carabiner located at the top of main pillar (A1).
2. Pass the rope over the pulley on the hydraulic rod above Beam (B2).
3. Clip the carabiner into the groove to lock it.
4. Turn the small part next to the pulley to align the notch with the screw hole position.
5. Secure the small part with screw (BB).

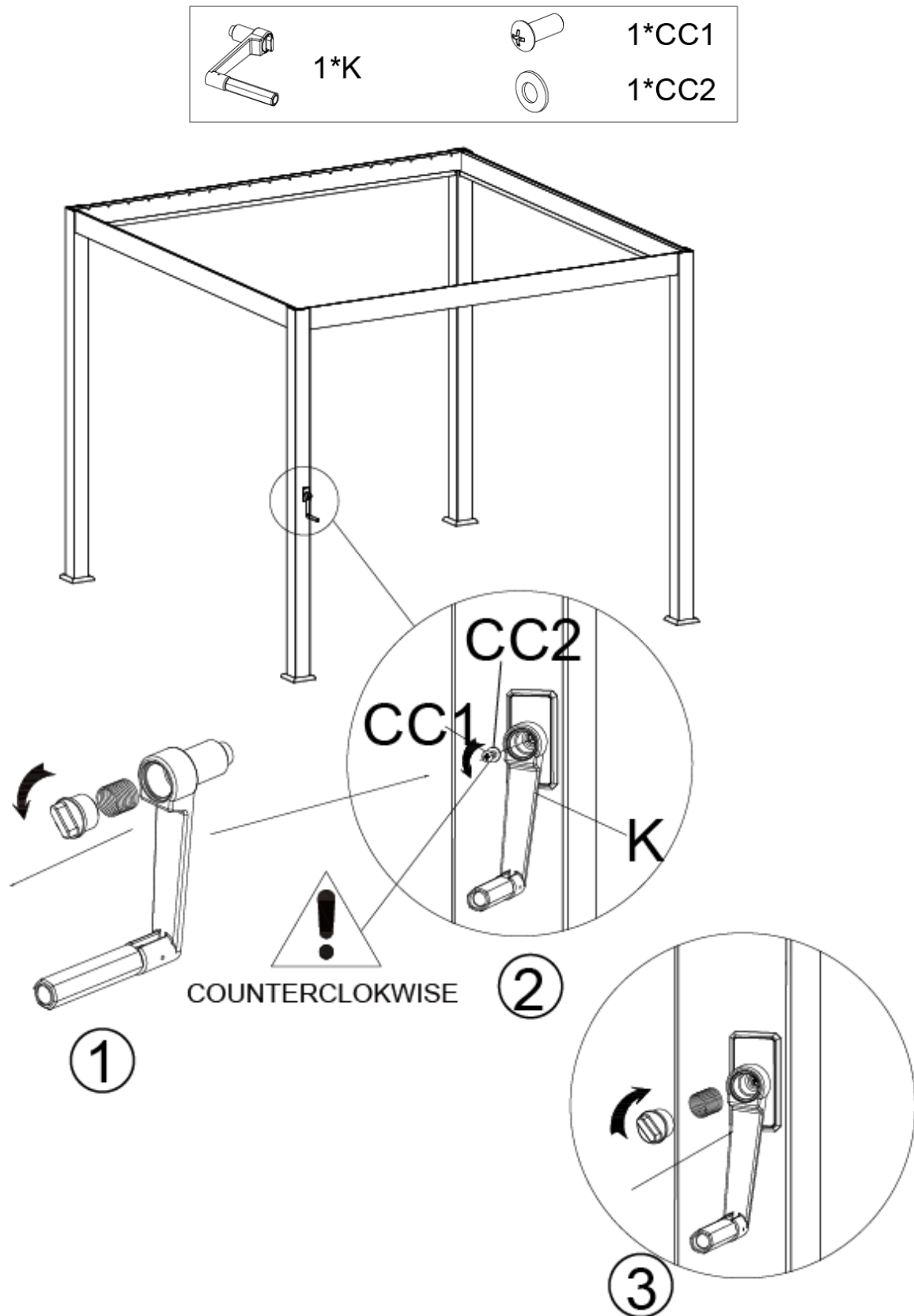


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Step 9

1. Unscrew the cap of the crank handle (K).
2. Secure the crank handle (K) to main pillar with screw (CC1) and washer (CC2). Note that the screw (CC1) tightens counterclockwise.
3. Finally, reattach the cap of the crank handle.



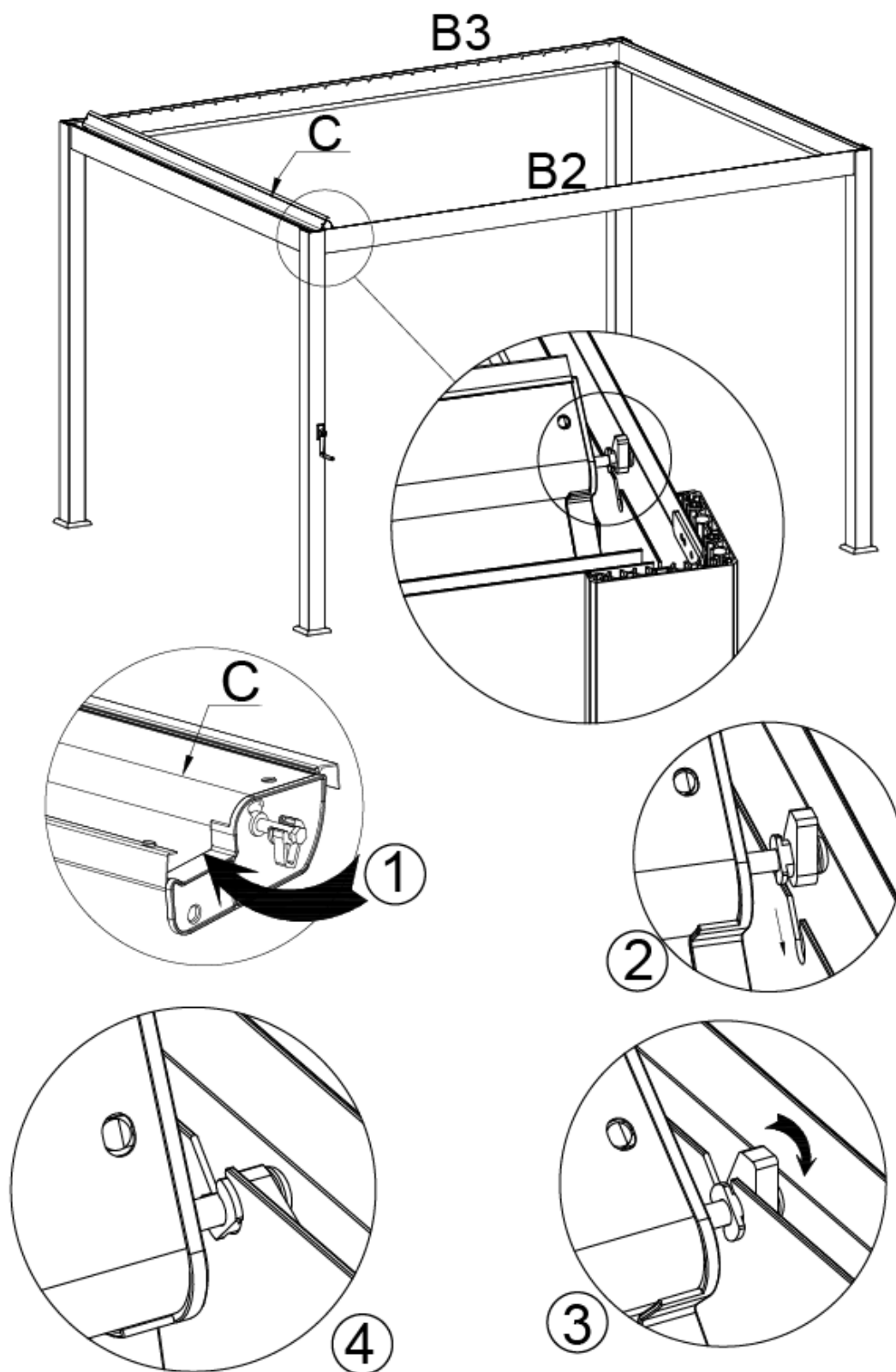
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Step 10

Attach the Louver (C) to the beam (B2) and (B3).

Note: Side G2 should be fixed to B2. Fix G2 side firstly, then G1 side. Ensure you engage the clips at both ends, G1 and G2, to lock them securely, connecting the louver tightly to the connecting strip.

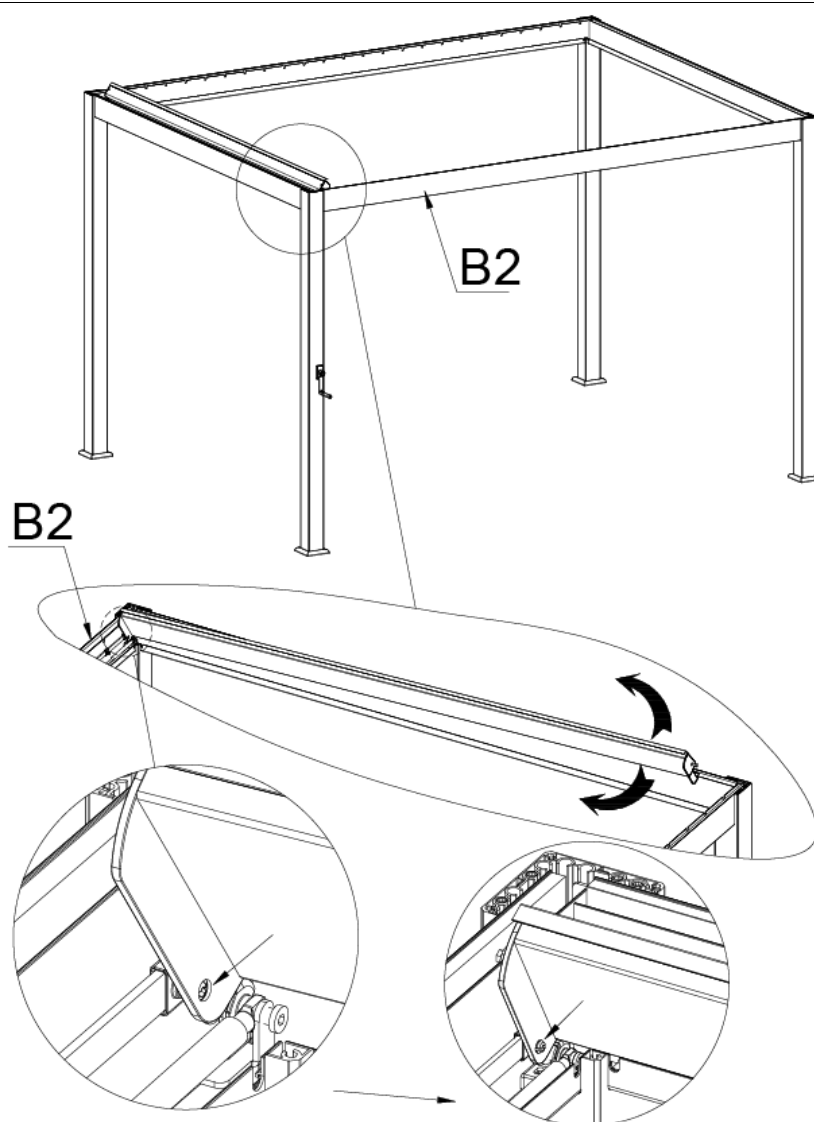


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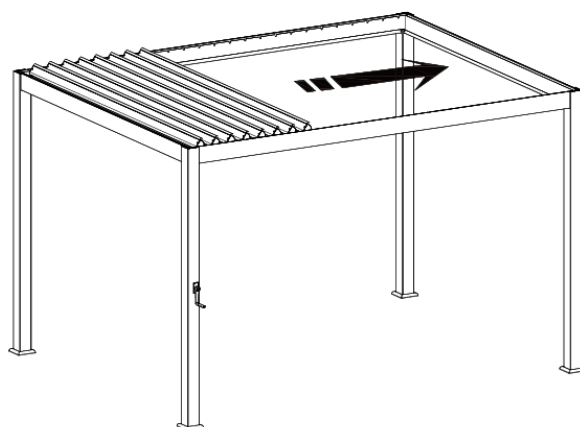
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Step 11

Ensure that the protruding plastic part of the connecting strip's is completely within the large hole of G2.

**Step 12**

Repeat the above steps to complete the assembly of all the louvers.

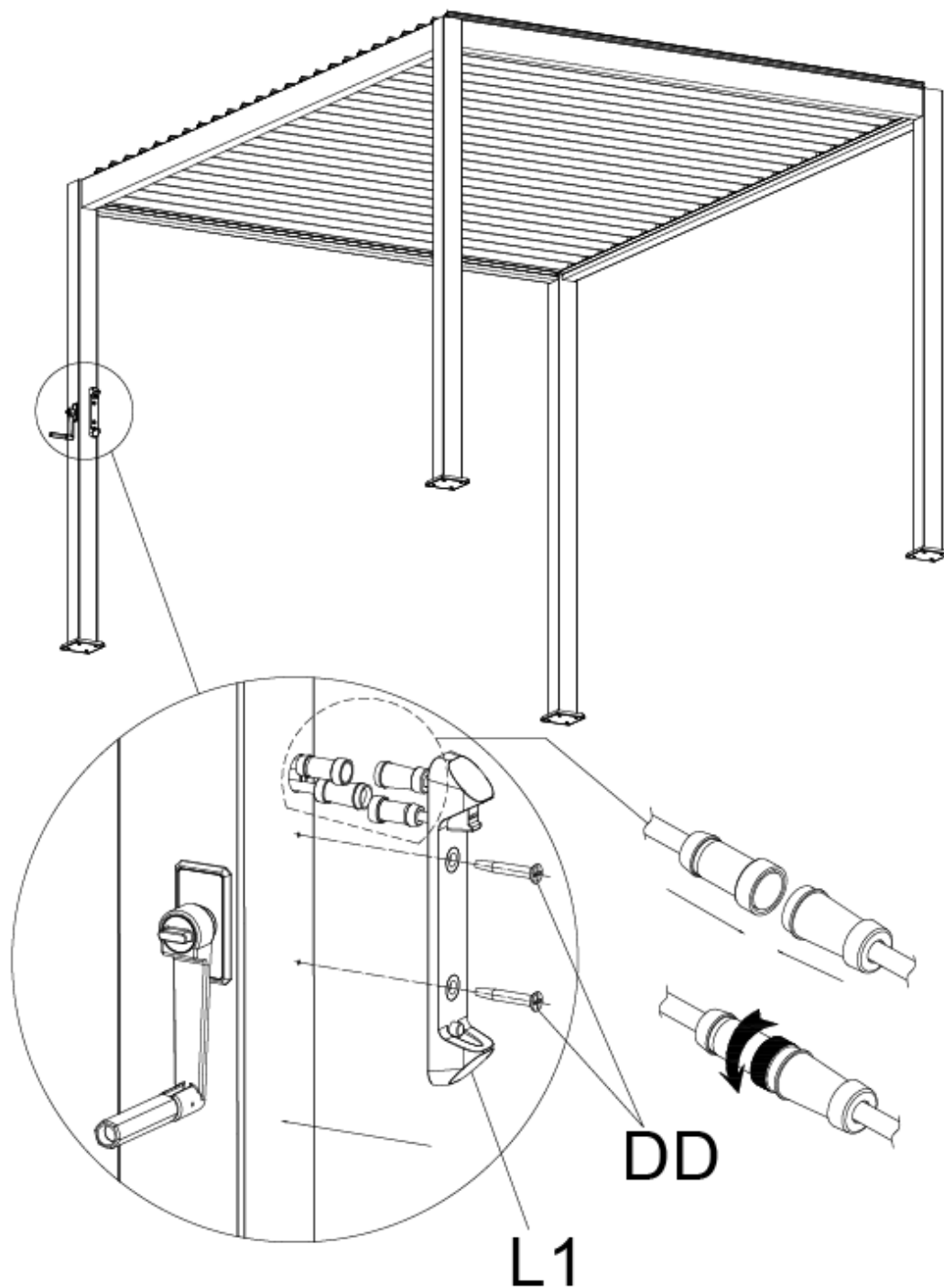


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Step 13

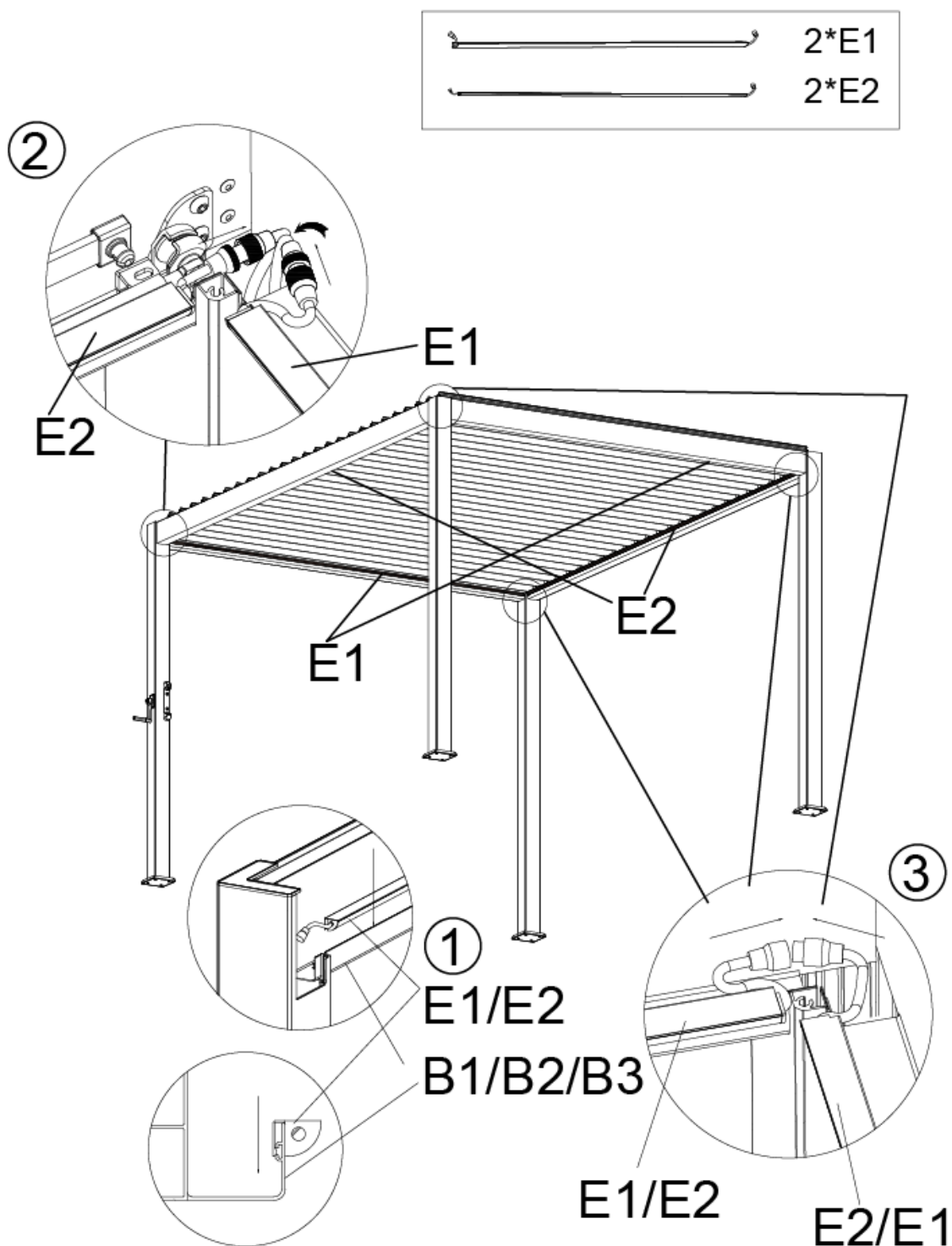
Attach the battery base (L1) to main pillar with screw (DD).

**1*L1****2*DD**

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Step 14

1. Fix the light strip (E1) and (E2) to the beams B1, B2 and B3.
2. Connect the connectors of the adjacent light strip at the top of the main pillar to the two connectors of main pillar.
3. Connect other connectors of E1 and E2.

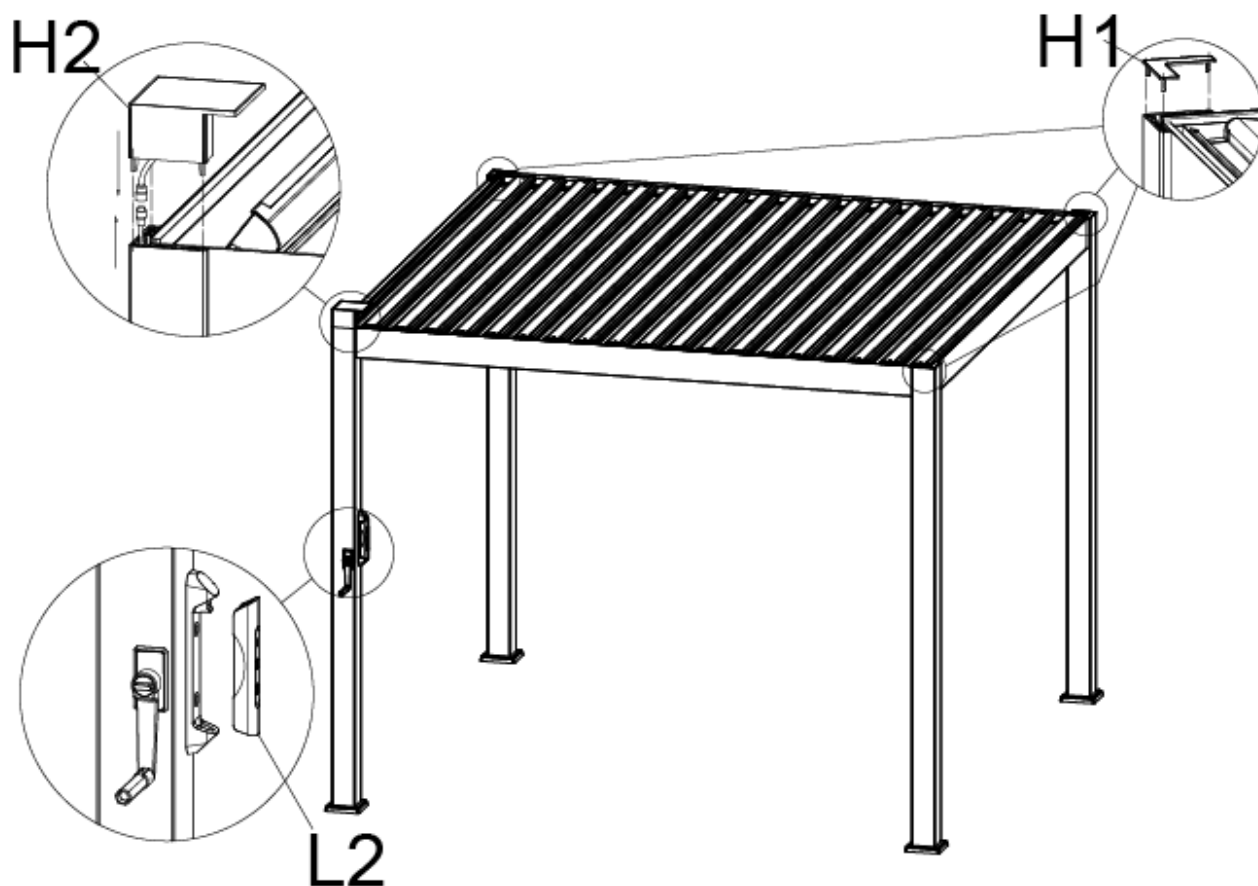
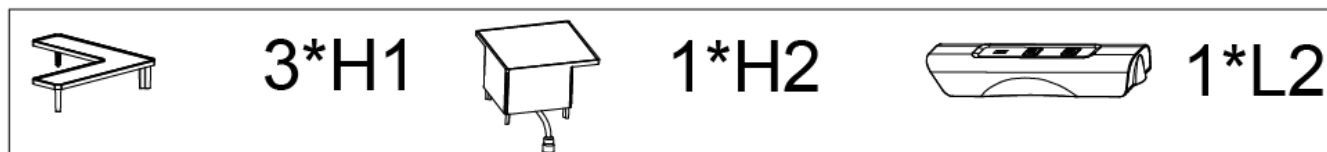


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Step 15

1. Attach the pillar cover (H1) to the top of the three pillars.
2. Connect the connectors of solar panel (H2) and main pillar. Then attach the solar panel to the main pillar.
3. Place the battery (L2) into the battery base located on the main pillar.



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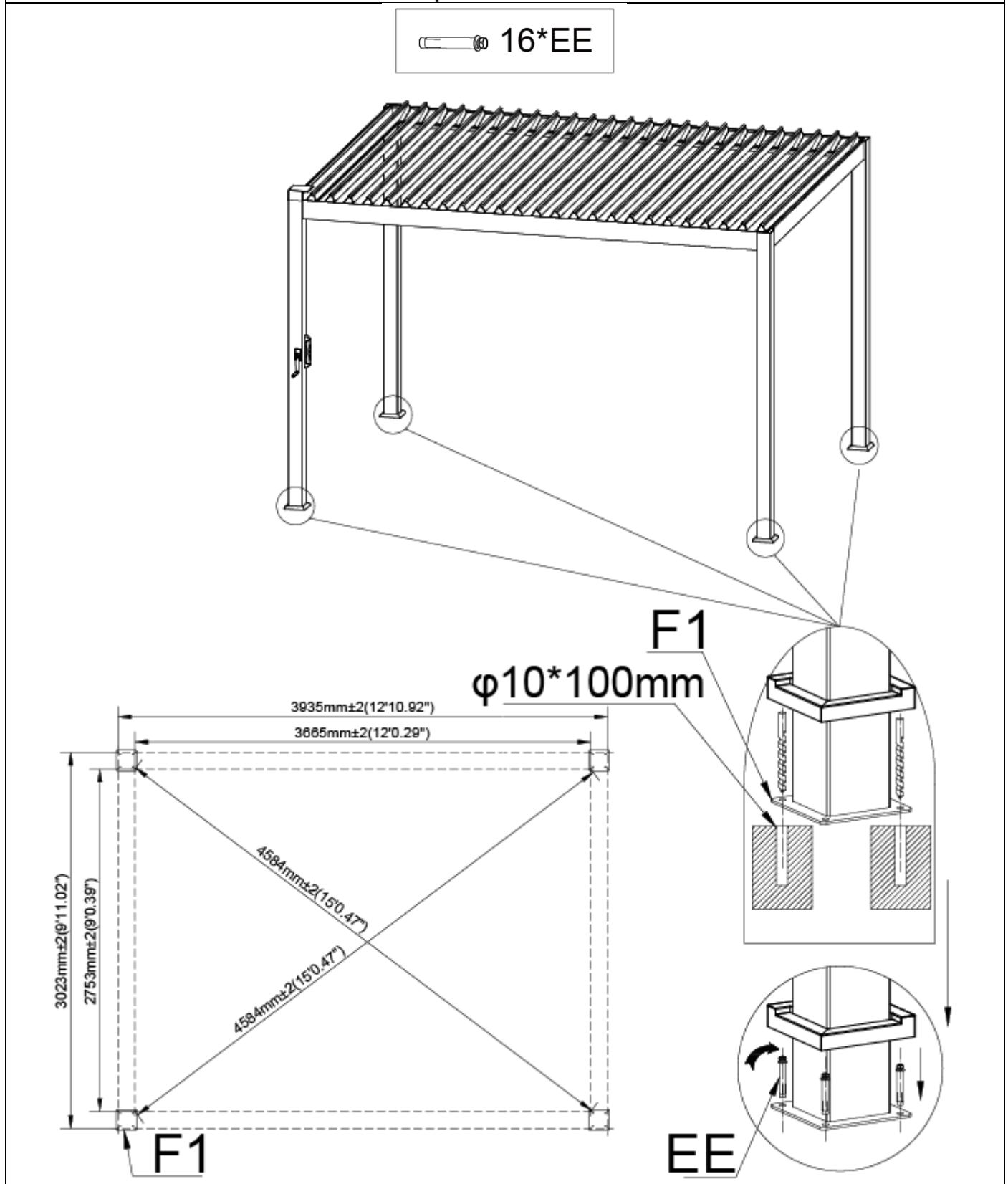
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Step 16

Measure the distance between the foot plates and diagonally to ensure that the error is less than or equal to 2mm.

Use a 10x100mm drill bit to drill through the foot plate F1 into the ground, and then secure it with expansion screws (EE).

Note: The drill bit is not included with the product.



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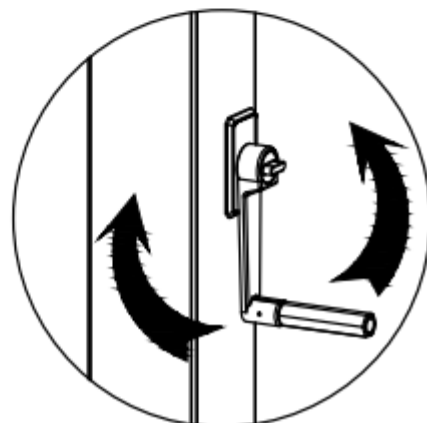
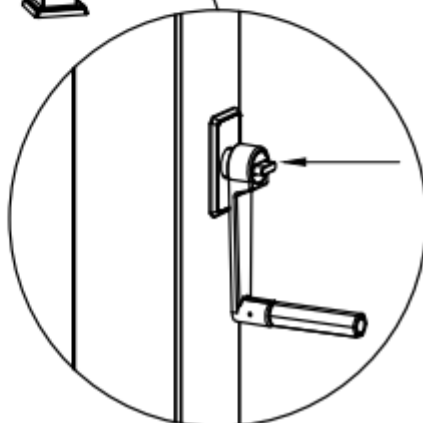
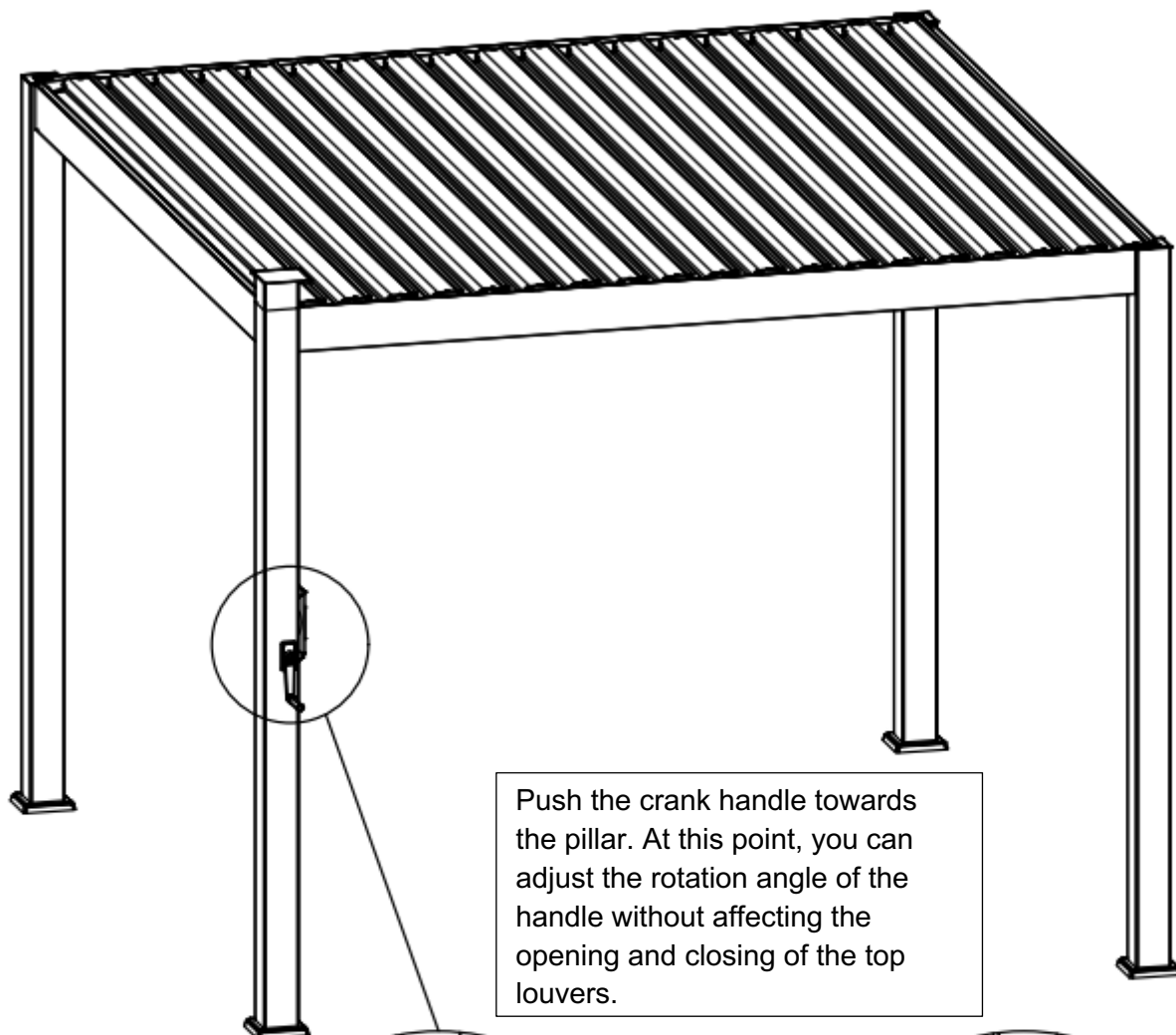
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Step 17

Installation finished.

Turn the crank handle clockwise/counterclockwise to open/close louvers. Press the light switch on the battery to turn the lights on and off.

Note: This pergola is designed to withstand up to 30cm of accumulated snow and winds ranging from 41-47 mph. In the event of heavy snowfall, it is recommended to open the louvers to prevent excessive snow load.



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