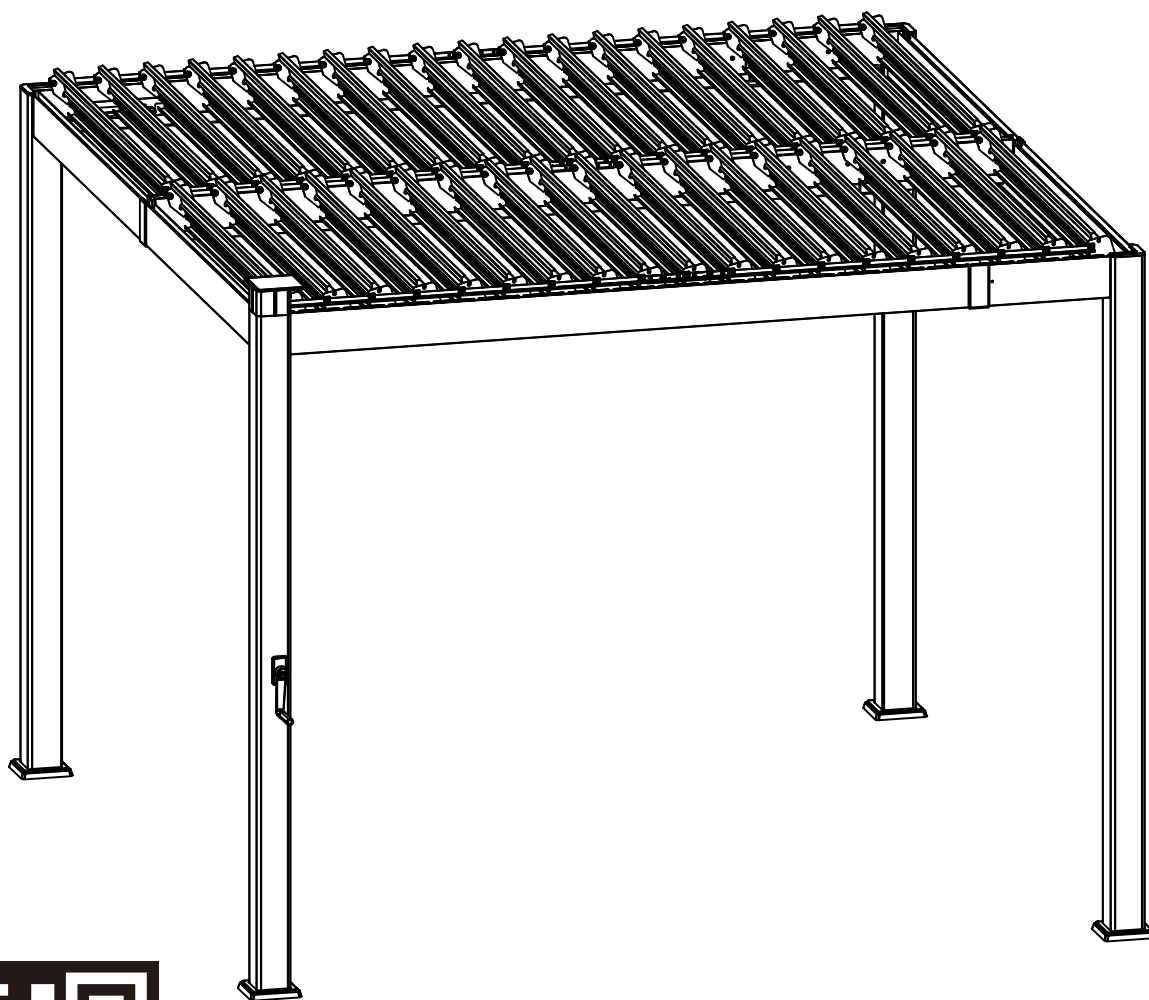

10' × 10' Aura All-Aluminum Pergola with Adjustable Louvers and Solar- Powered LED Lights



Scan for assembly video

Need help or have any questions? Our Professional Service Team is ready to assist you. Don't hesitate to reach out to us at **service@usavingmall.com** or call us at **949-866-8000** for any support or further assistance. We are committed to providing excellent service.

User Manual

General Guidelines:

- Please read the following instructions carefully and use the product accordingly.
- Please keep this manual and hand it over when you transfer the product.
- This summary may not include every detail of all variations and considered steps. Please contact us when further information and help are needed.

Notes:

- Personal injury and/or damage to the product may occur if the product is used outside of its intended purposes and/or if the product has been changed/modified from its original design.
- The product must be assembled and used in accordance with the provisions of the manual. The seller does not assume any responsibility or liability with respect to any damage caused by incorrect assembly or improper use.
- Carefully check 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.
- Please keep all the packaging - we cannot accept any returned item without the original packaging.
- Please ensure that you have sufficient space to assemble the item.
- Do not tighten all the screws before ensuring the item is properly aligned.
- Ensure that the pergola is installed in a suitable location with adequate space and proper support.
- It is recommended to assemble the pergola with the help of at least three people to ensure safety and efficiency. The use of a ladder and power tools can greatly increase installation efficiency.
- Keep small parts and hardware in a safe place during assembly to avoid misplacement.
- The LED lights controller allows for adjustable brightness. Please contact customer service team immediately for assistance.
- Before using the LED function, ensure that the controller's battery is fully charged. If the weather conditions are poor, use the included charging cable to charge it. Once fully charged, the LED can operate for up to 6-8 hours, depending on the brightness setting.

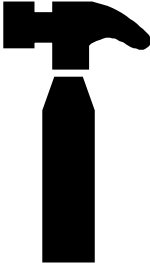
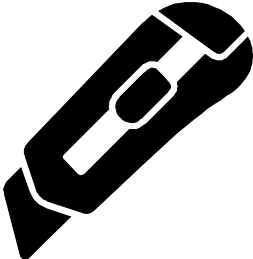
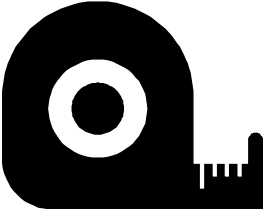
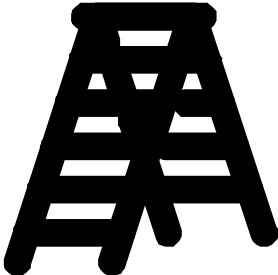
• Warnings:

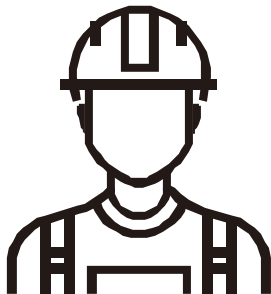
- To avoid potential dangers of suffocation, please keep all parts and packaging (film plastic bags, foam, etc.) away from babies and children.
- Tighten all components securely before use. Failure to do so may result in personal injury.
- Ensure that the pergola is securely anchored or fastened to the 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.
- This product features a lithium battery, so please don't discard it - dispose of it responsibly in accordance with local laws.

Daily Maintenance:

- Regularly inspect the pergola for any loose or damaged parts and secure or replace them as needed.
- Clean the pergola using mild cleaning solutions and a soft cloth.
- Keep vegetation and debris clear from the pergola to prevent any potential damage or obstruction.

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 	Electric Screwdriver 	Hammer 	Box Cutter 
Hard Hat 	Tape Measure 	2 Ladders 	

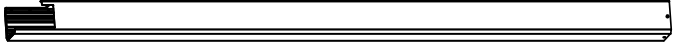
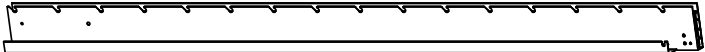
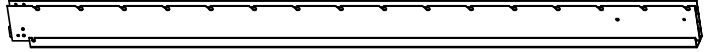
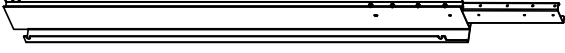
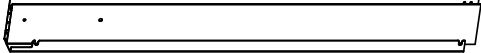
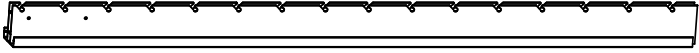


x3

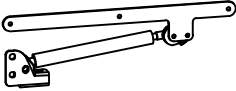
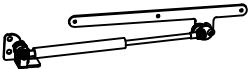


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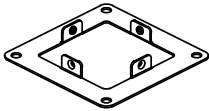
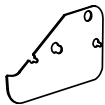
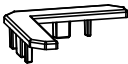
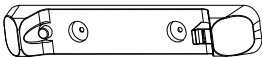
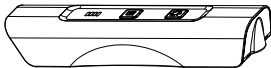
Part List

Part Number	REF		Part Name	Qty
A1			Main Pillar	1
A2			Main Pillar	1
A3			Pillar	2
B1			Beam	1
B2			Beam	1
B3			Beam	1
B4			Beam	1
B5			Beam	2
B6			Beam	2
B7			Beam	1

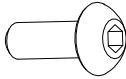
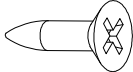
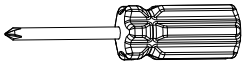
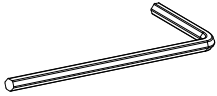
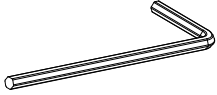
Part List

Part Number	REF	Part Name	Qty
B8	 	Beam	1
C	 	Louver	38
D1		Connecting Strip	4
D2		Connecting Strip	4
D3		Right Hydraulic rod	1
D4		Left Hydraulic Rod	1
D5		Middle Connecting Strip	4
E1		LED light strip	2
E2		LED light strip	2
E3		LED light strip	1
E4		LED light strip	1
E5		LED light strip	1
E6		LED light strip	1

Part List

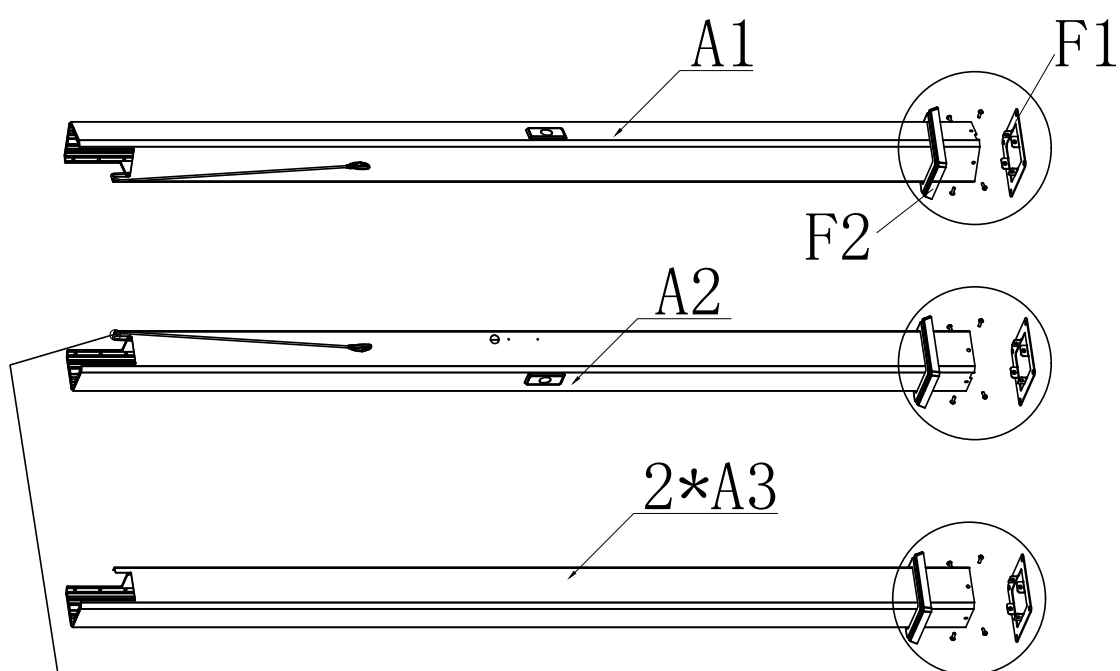
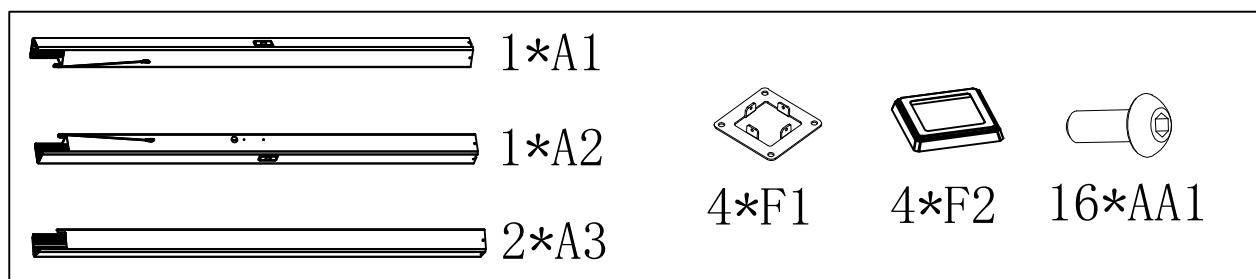
Part Number	REF	Part Name	Qty
F1		Foot Plate	4
F2		Foot Plate Cover	4
G1		Louver Cover	70
G2		Louver Cover	6
H1		Pillar Cover	3
H2		Solar Panel	1
K		Crank	2
L1		Beam Connector	2
L2		Beam Cover	1
L3		Beam Cover	4
L4		Controller Base	1
L5		Controller	2
L6		Charging Cable	1

Part List

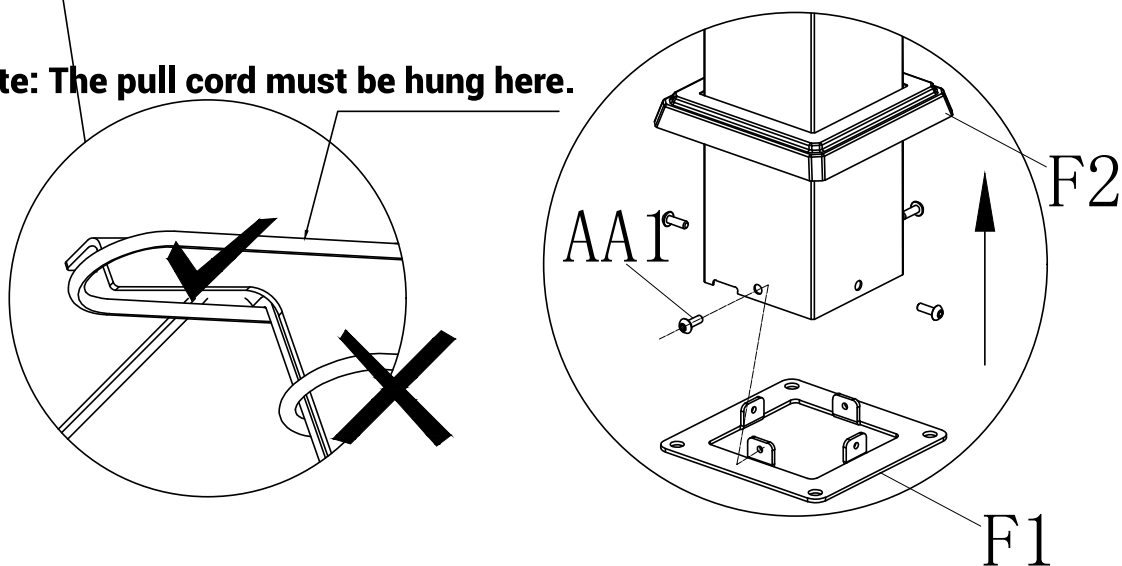
Part Number	REF	Part Name	Qty
P1		Locking Buckle	78
P2		Plastic Cover	78
Q		Tape	1
AA 1		M6x18mm Screw	72
AA 2		Washer	22
BB		M6x8mm Screw	17
CC 1		M5x12mm Screw	2
CC 2		Washer	2
CC 3		M4x16mm Screw	2
DD		φ 8x3xM6x8mm Screw	6
EE		M6x60mm Anchor bolt	16
FF		Screwdriver	2
GG		Large allen wrench	2
HH		Middle allen wrench	2
JJ		Double open-end wrench	1

Step 1:

- Pass the foot plate cover F2 over the pillars.
- Then, use screws AA 1 to secure Foot Plate F1 to all the pillars.

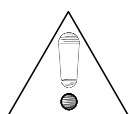
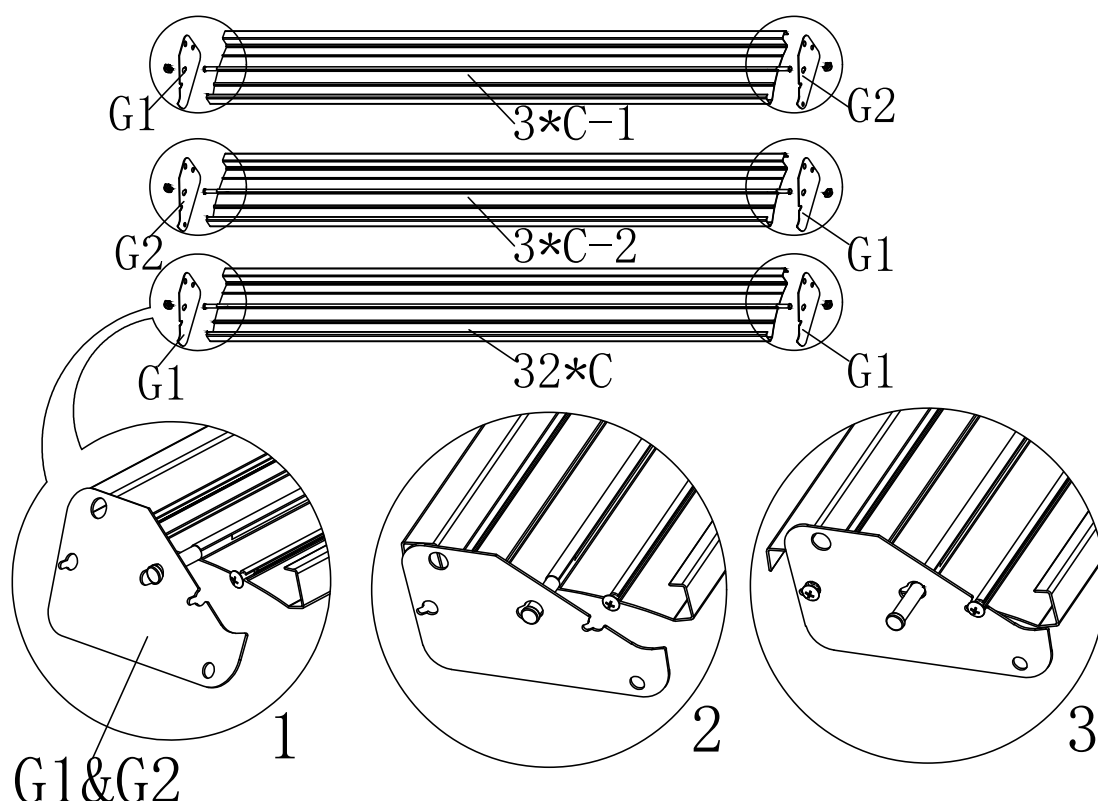
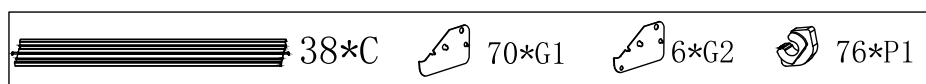


Note: The pull cord must be hung here.

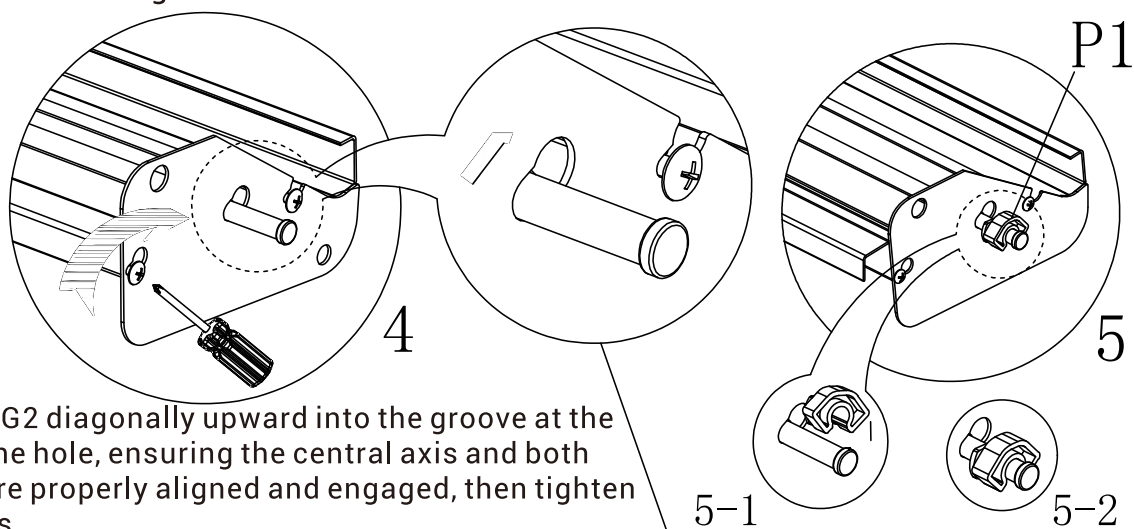


Step 2: Assemble the louvers into 3 configurations as follows, with a total of 38 louvers to be assembled:

- **First Configuration (3 sets):** Use G1 on the left side and G2 on the right side.
- **Second Configuration (3 sets):** Use G2 on the left side and G1 on the right side.
- **Third Configuration (32 sets):** Use G1 on both sides.



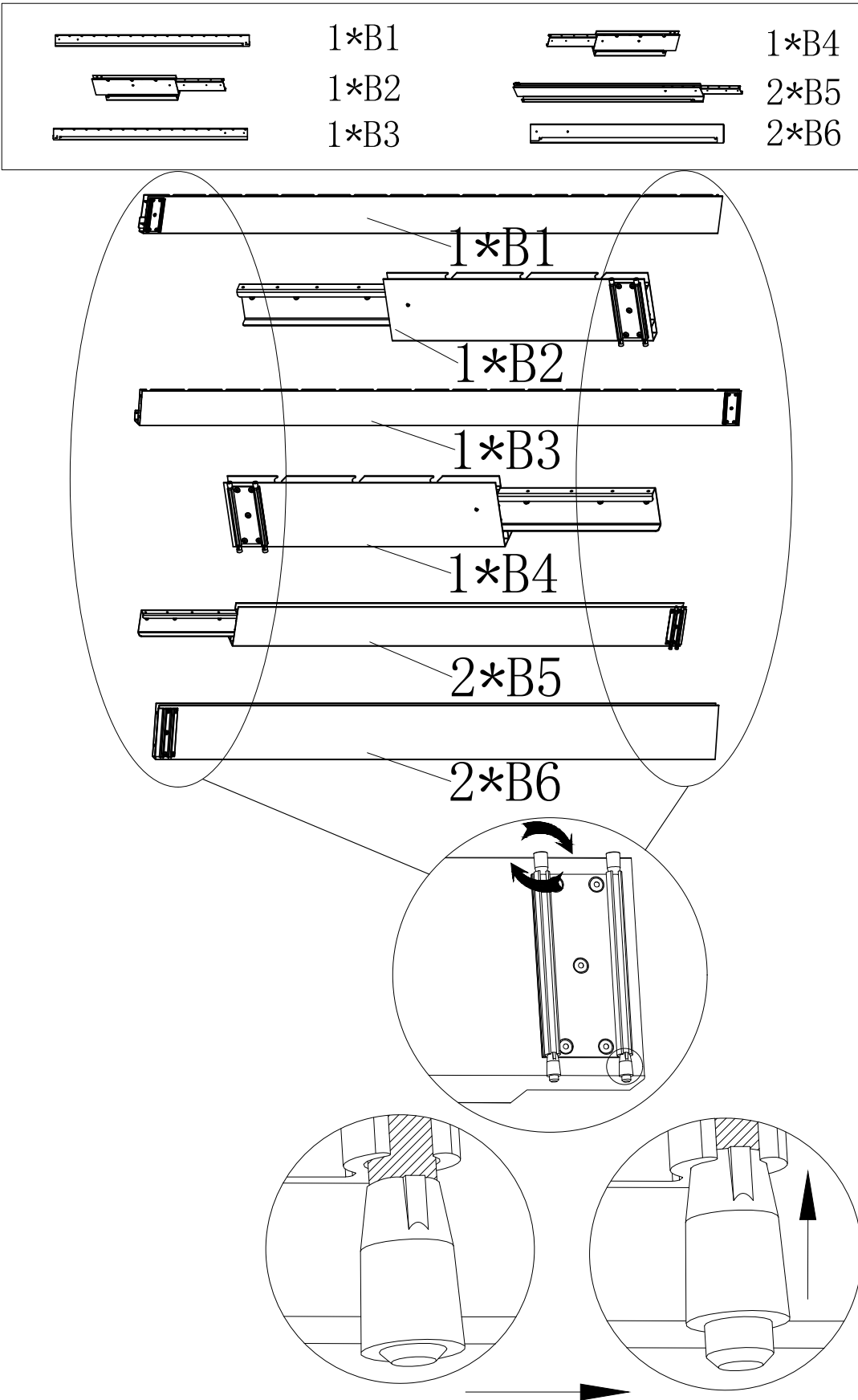
Note: Ensure that the protruding central axis of the louver, along with the screws on both sides of the axis, are tightly aligned with louver cover G1/G2 for optimal fastening.



Slide G1/G2 diagonally upward into the groove at the edge of the hole, ensuring the central axis and both screws are properly aligned and engaged, then tighten all screws.

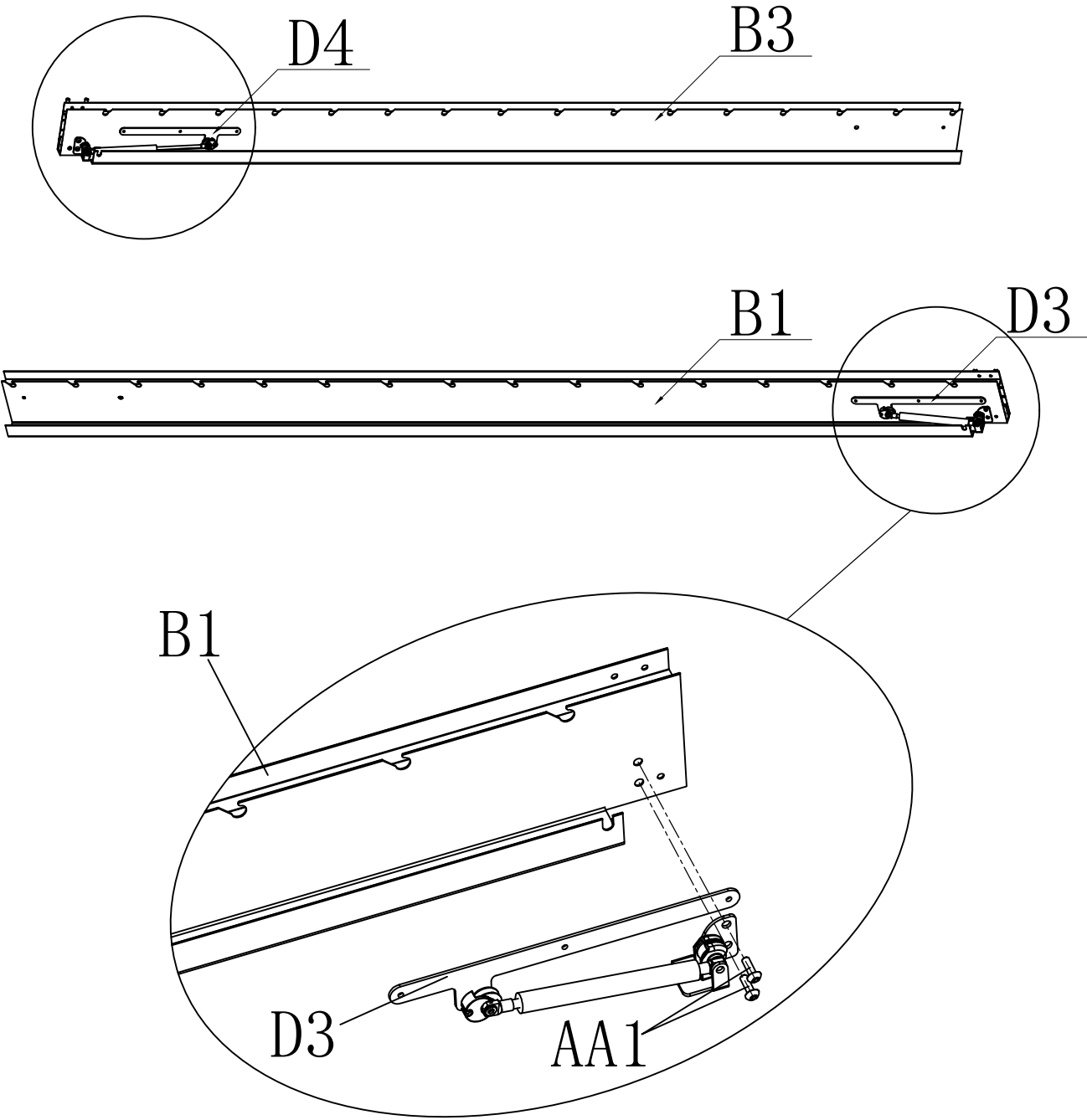
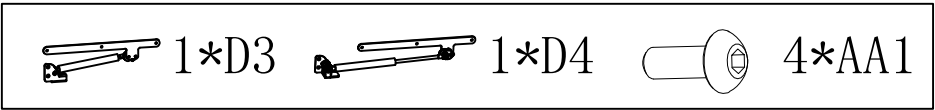


Step 3: Before fitting the beams, check that the tapered nuts at both ends are secure. If they are loose, hand-tighten them completely.



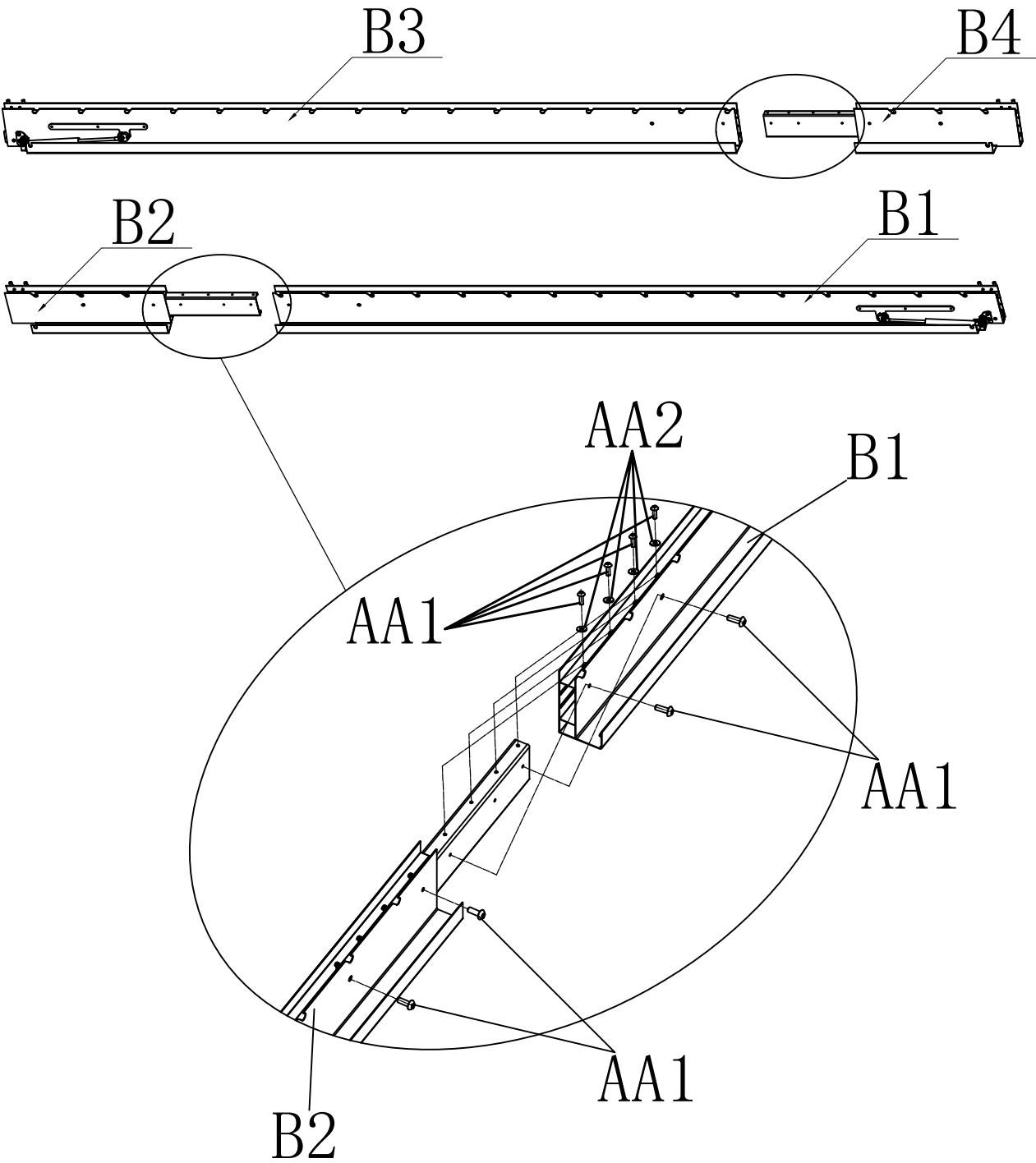


Step 4: Secure D4 to beam B3 and D3 to beam B1, as illustrated in the diagram, using AA1 screws.

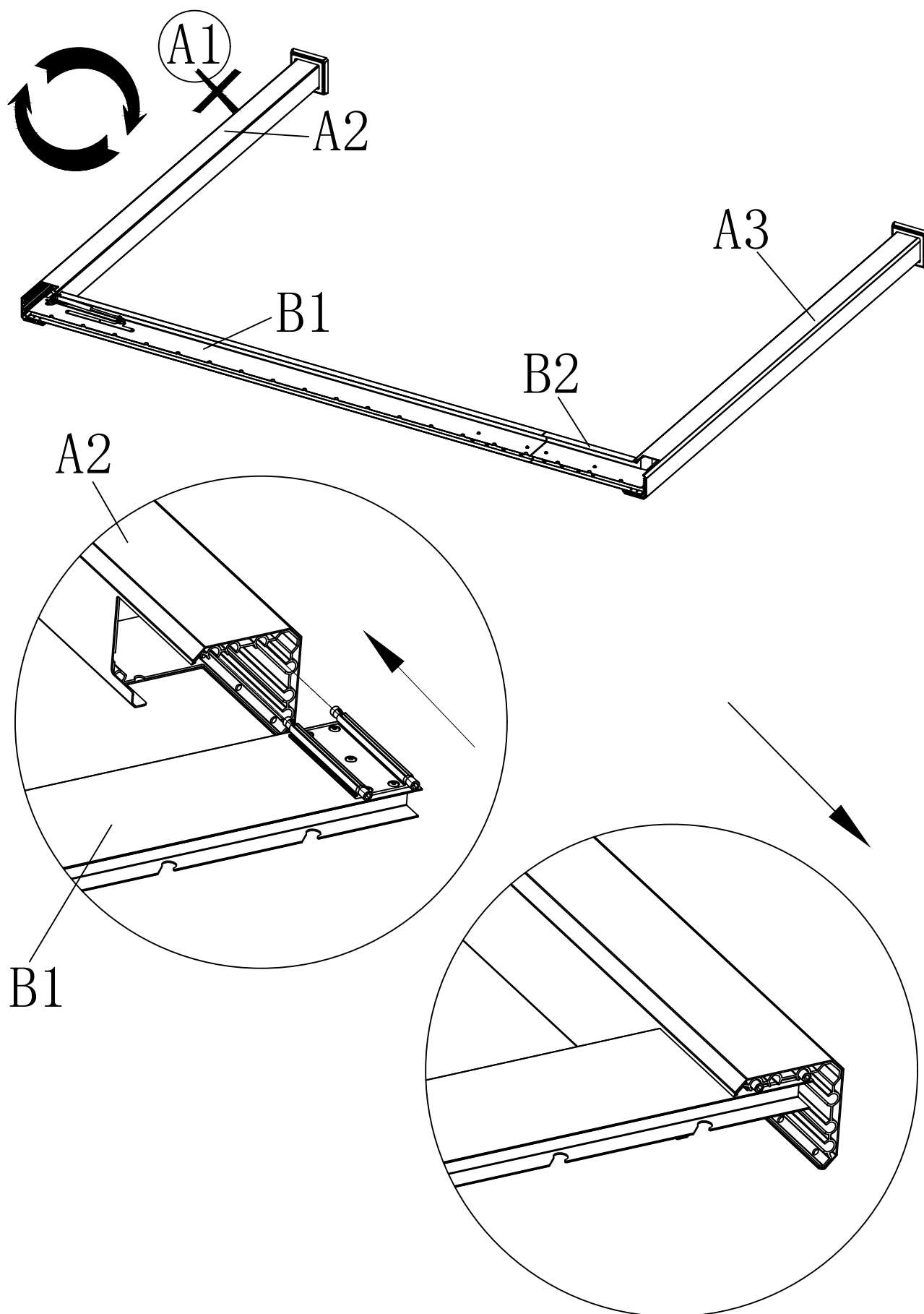




Step 5: Assemble beam B3 with B4, and beam B1 with B2.

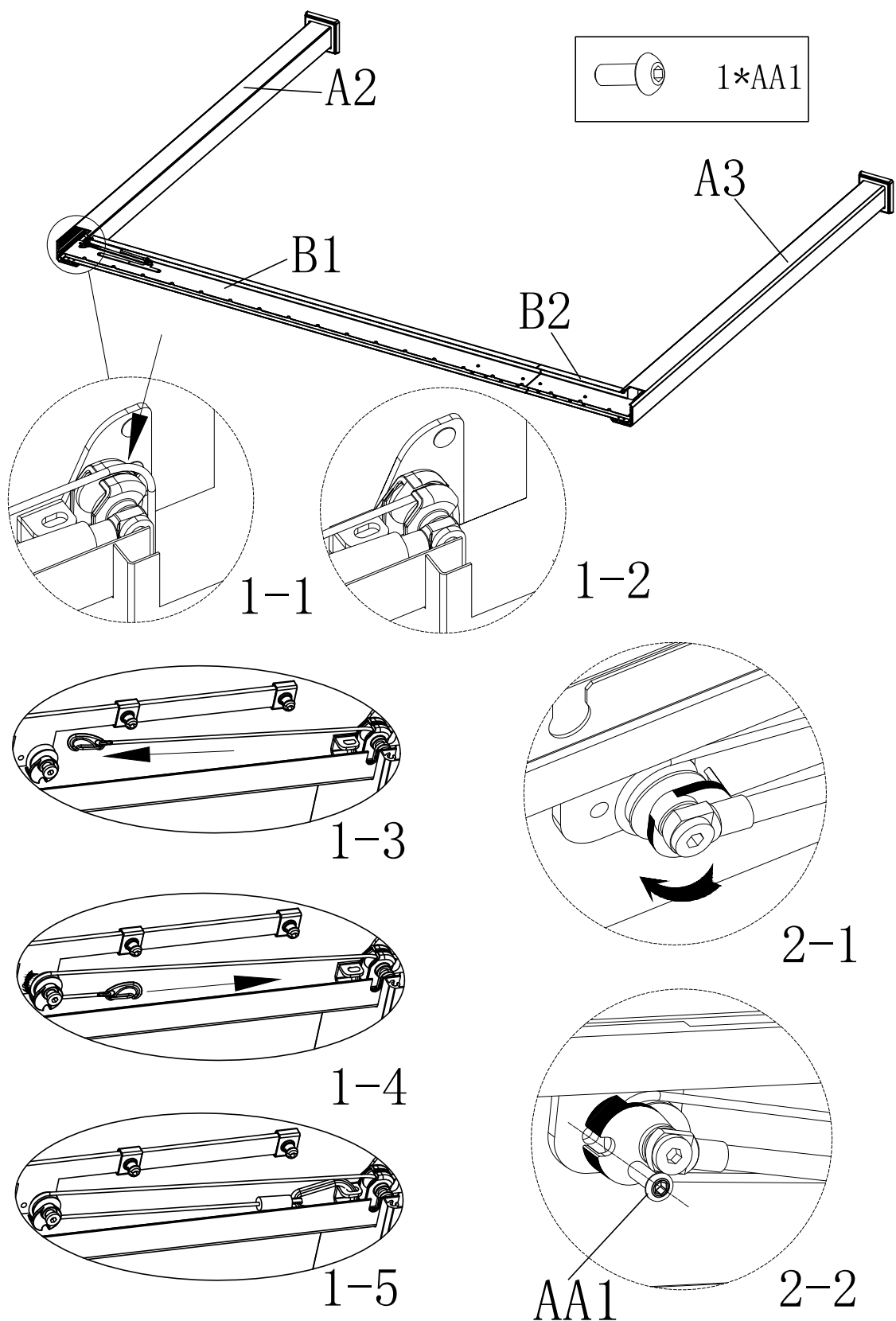


Step 6: Attach the assembled beams B1 & B2 to Main Pillar A2 and Pillar A3.



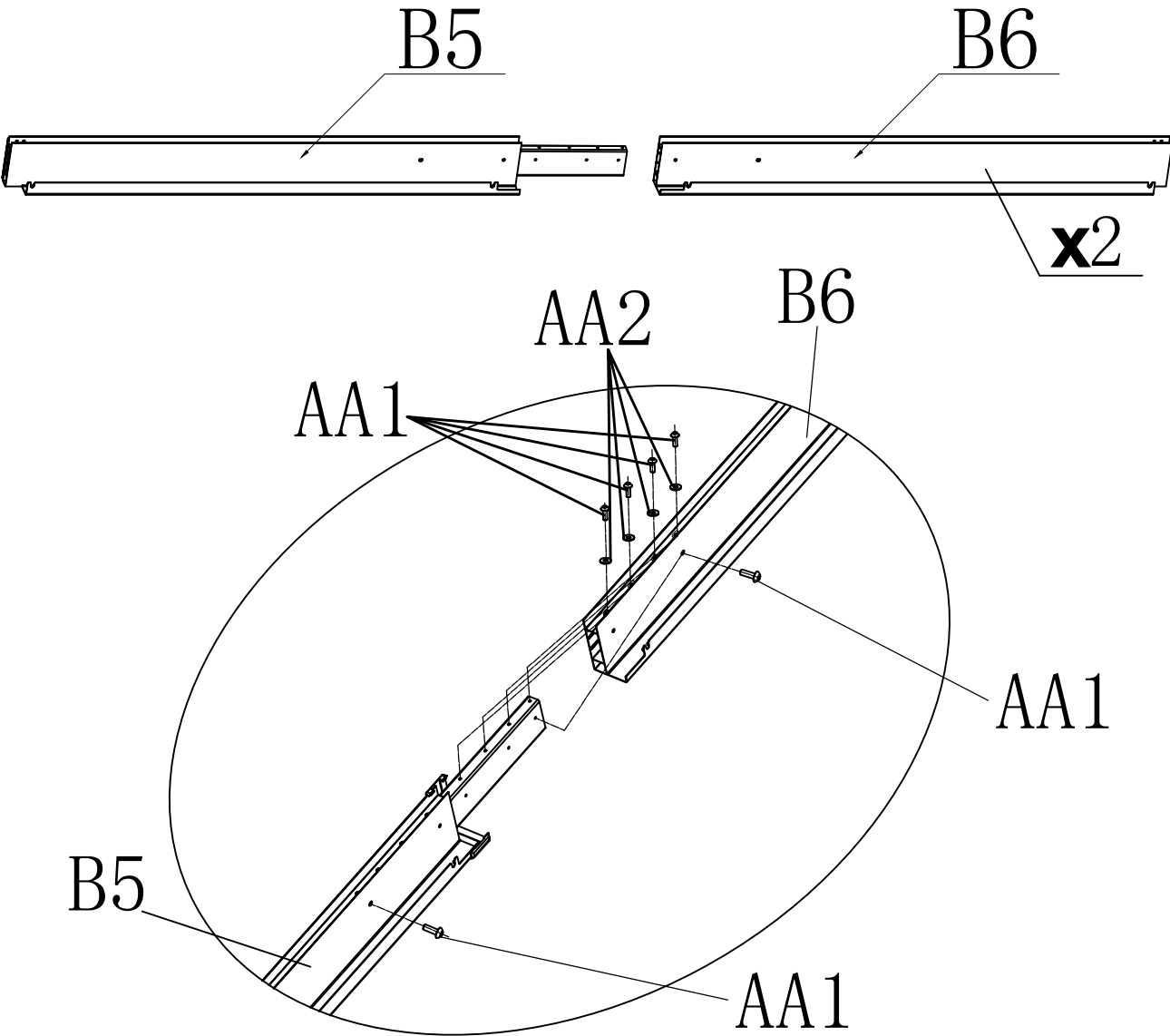
Step 7:

1. Take the rope with the carabiner located at the top of Main Pillar A2.
2. Pass the rope over the pulley on the hydraulic rod above Beam B1.
3. Clip the carabiner into the groove to lock it.
4. Secure it with screw AA 1.

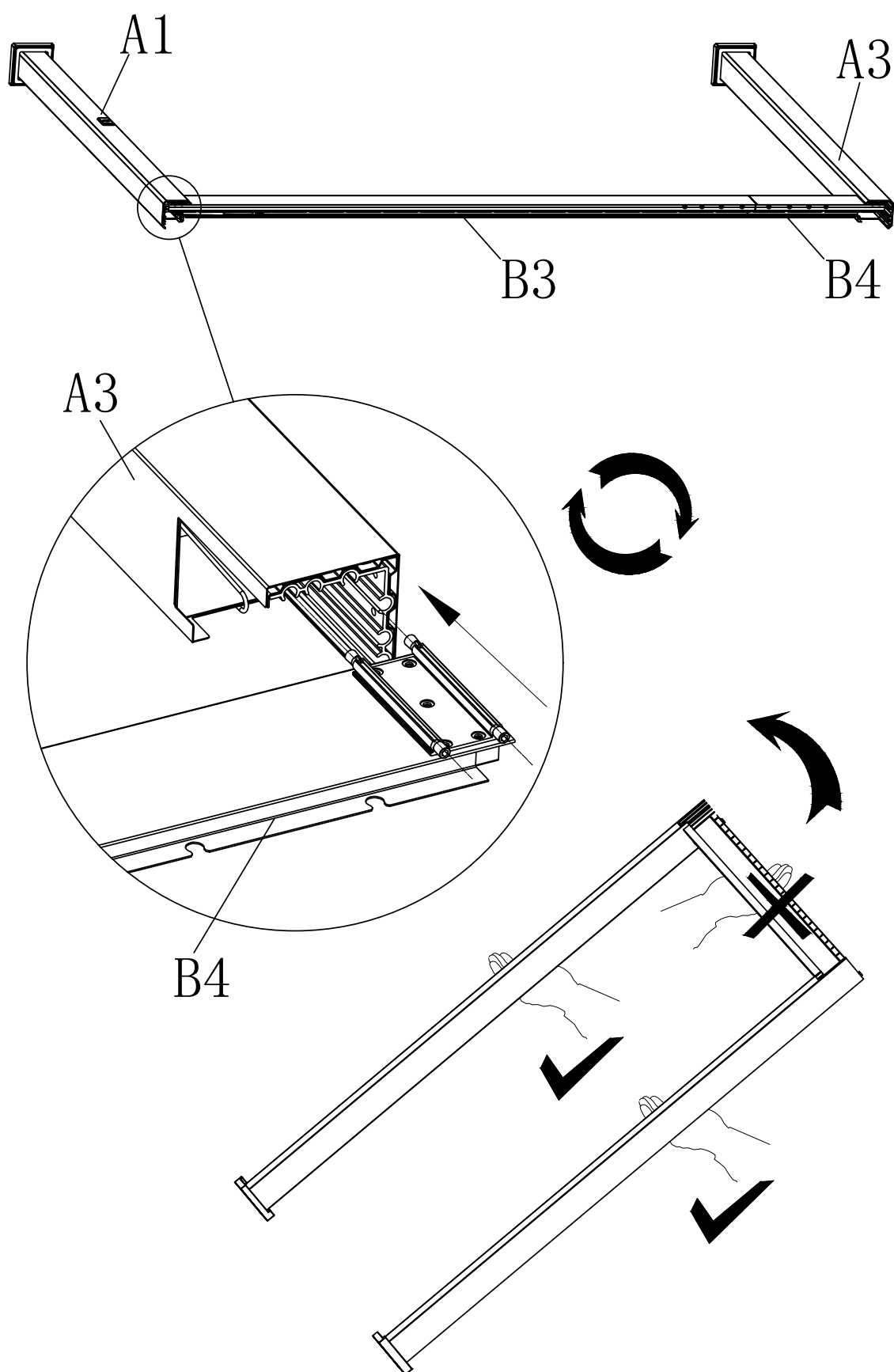




Step 8: Assemble beam B5 with B6.

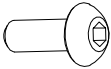


Step 9: Attach the assembled beams B3 & B4 to Main Pillar A1 and Pillar A3.



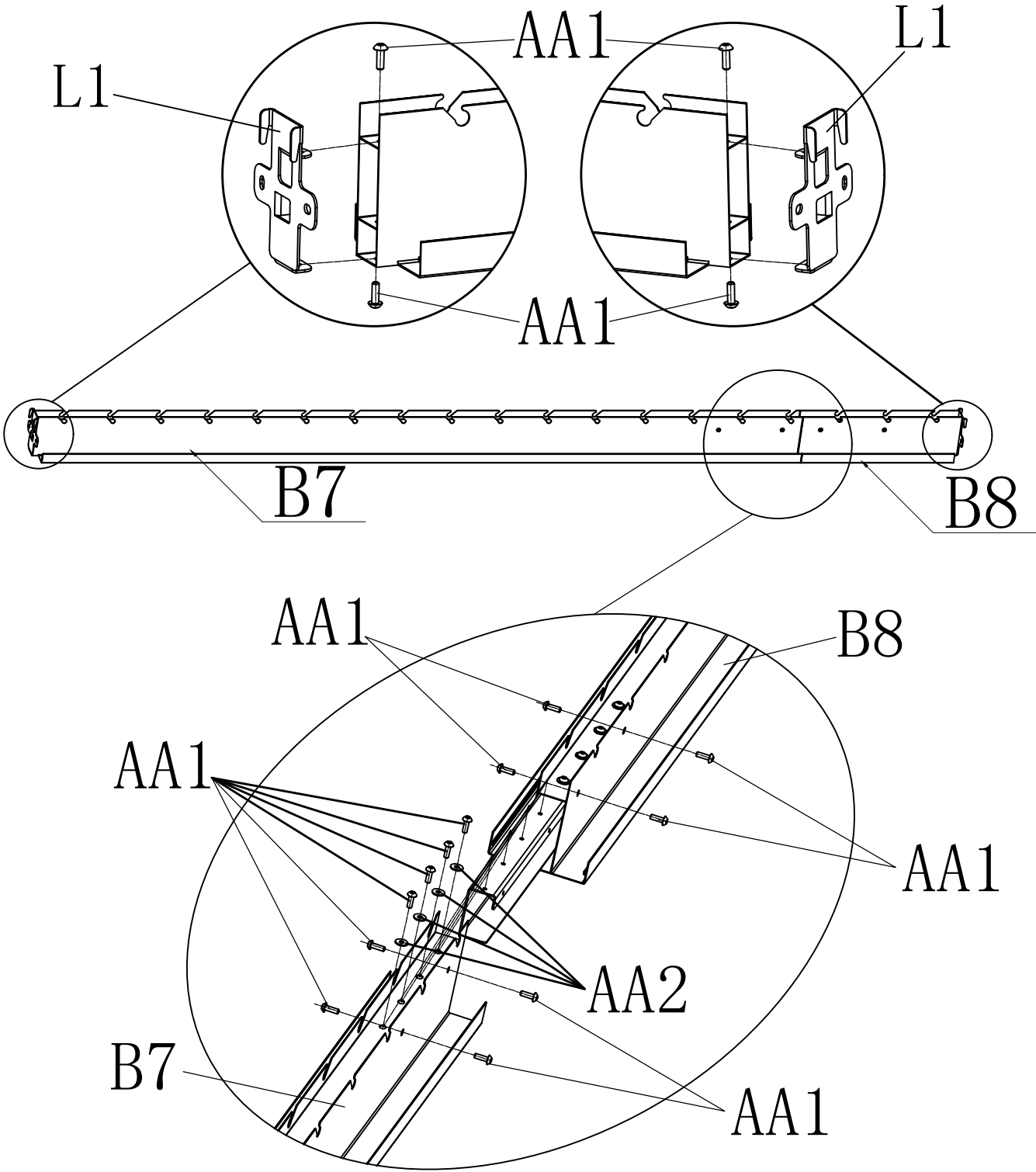


Step 10: Assemble beams B7 and B8, and then secure the Beam Connector L1 at both ends of the assembled beams.

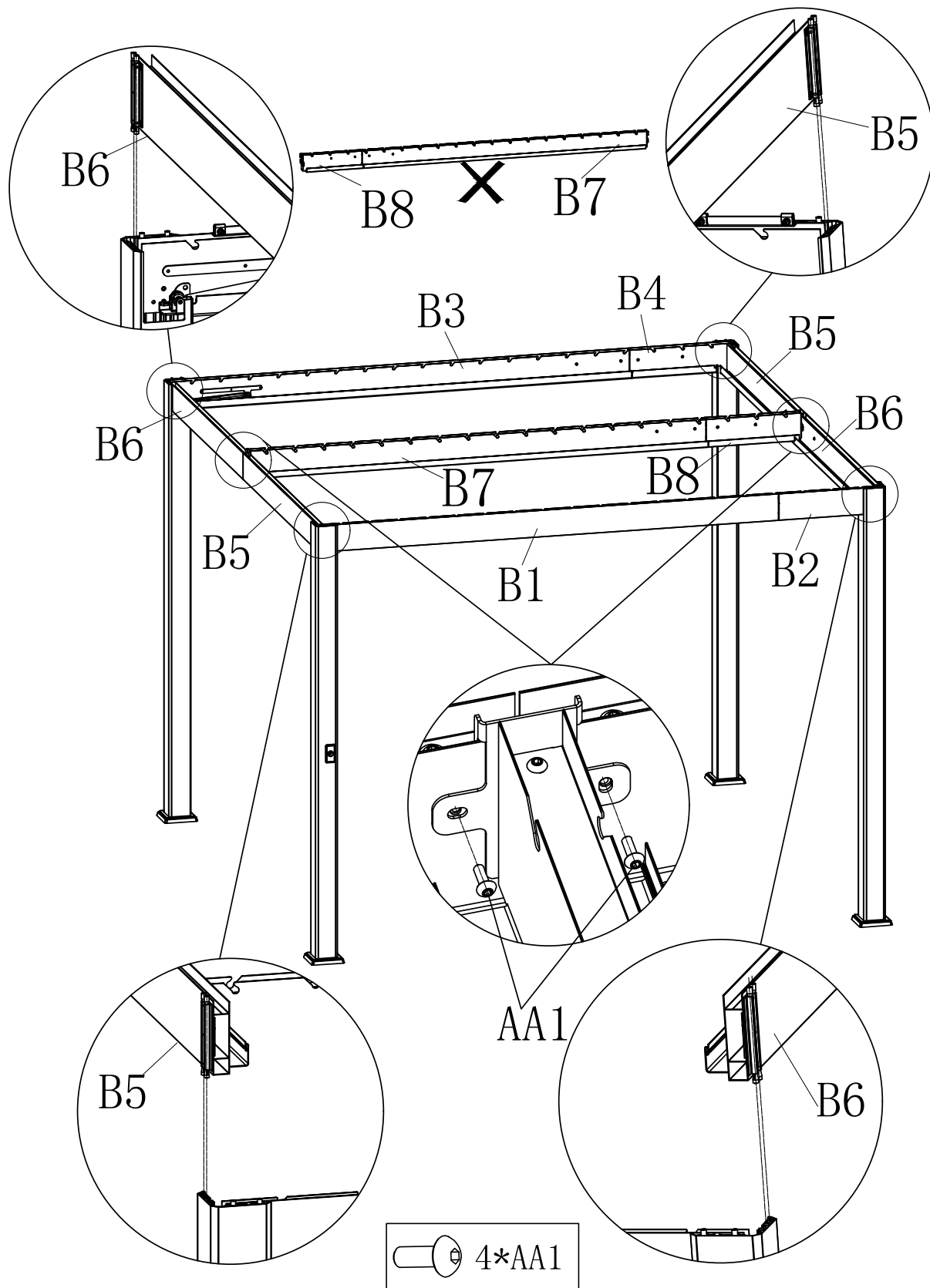
 16*AA1

 4*AA2

 2*L1



Step 11: Assemble the four pillars with the B5 & B6 beams to complete the basic pergola framework. When placing the B7 & B8 beams as shown in the diagram, make sure to secure the L1 at both ends of the beams with screws.

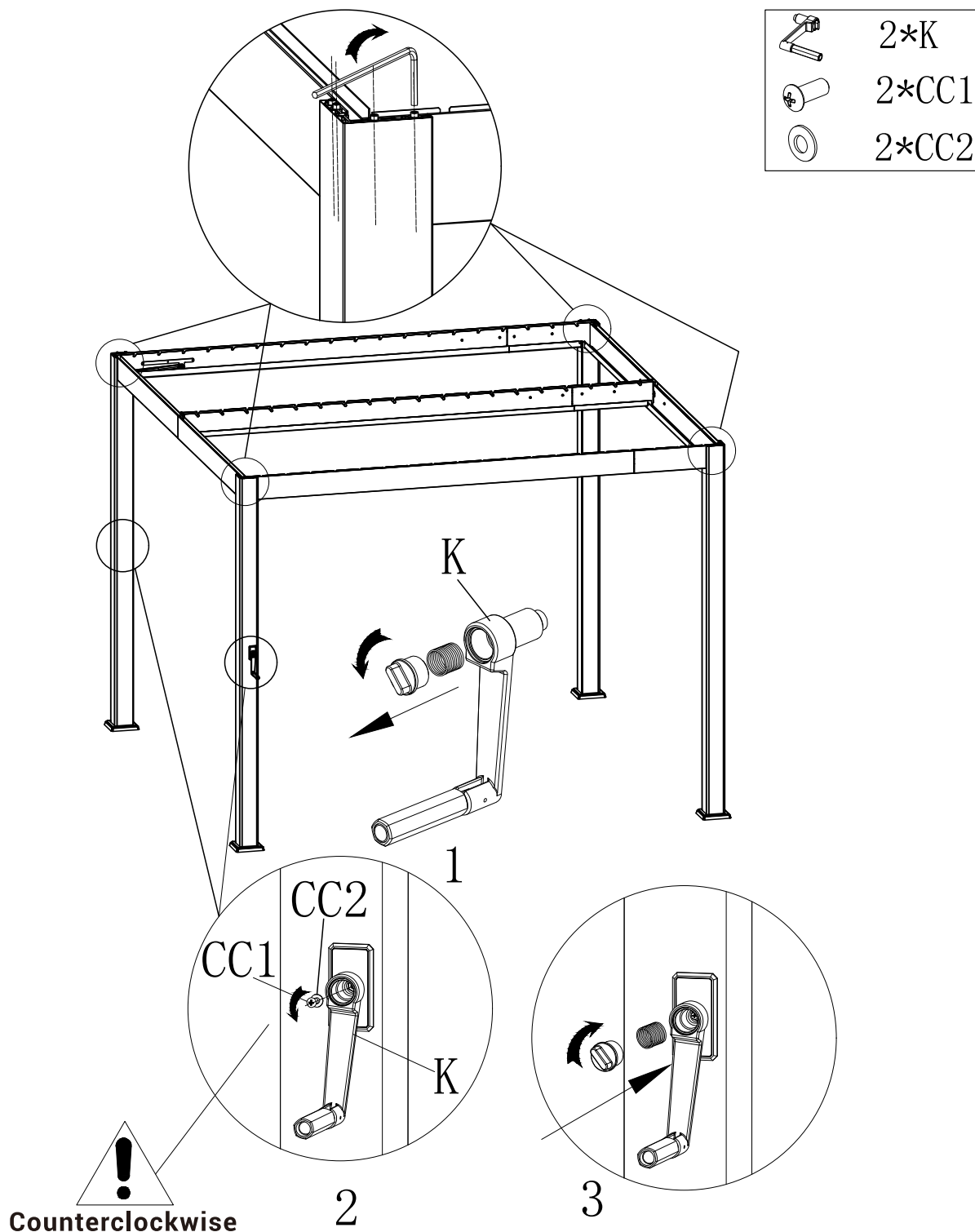


Step 12:

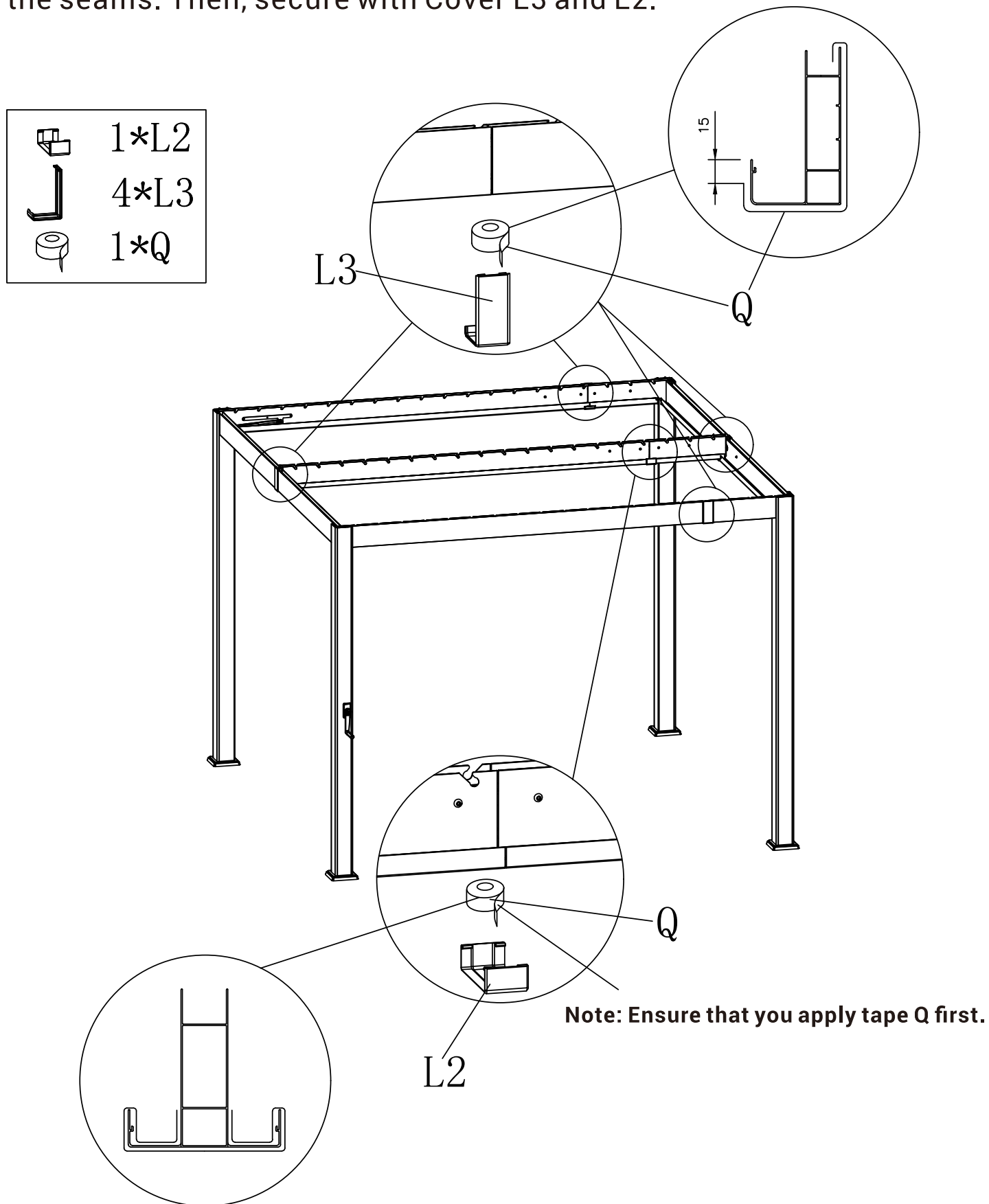
Step 1: Use a hex wrench to tighten the screws at the top of the pillars, ensuring the beams and pillars are fully secured.

Step 2:

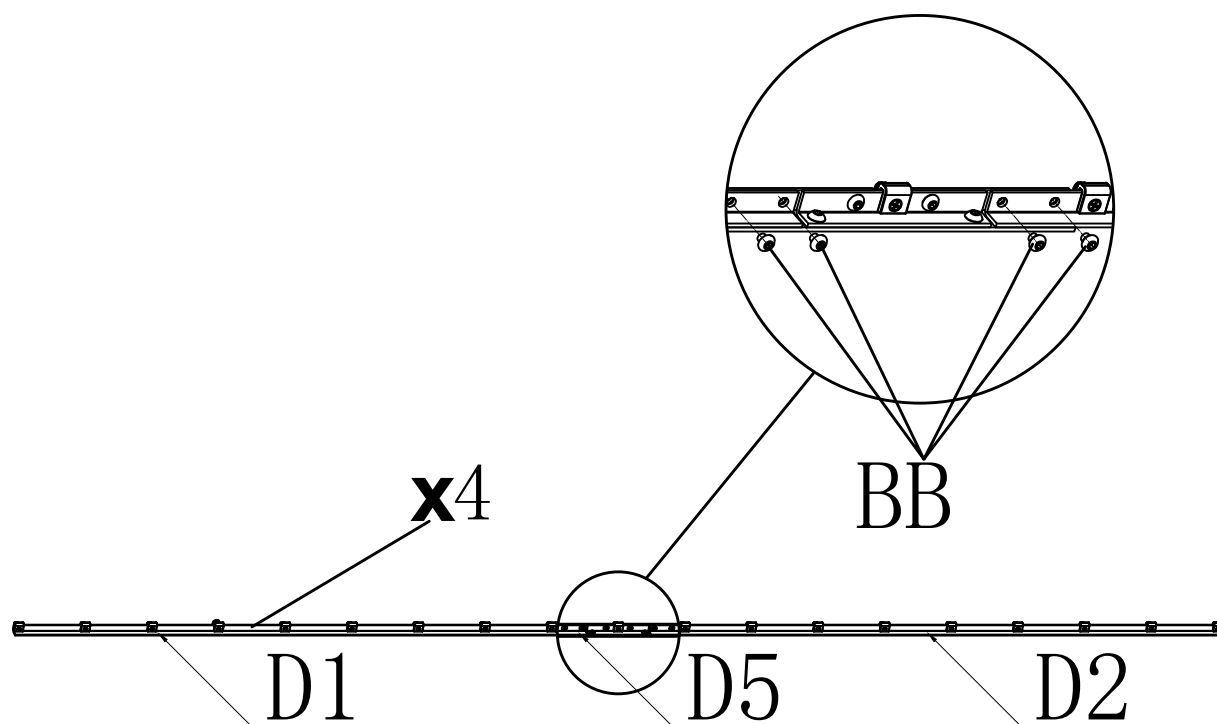
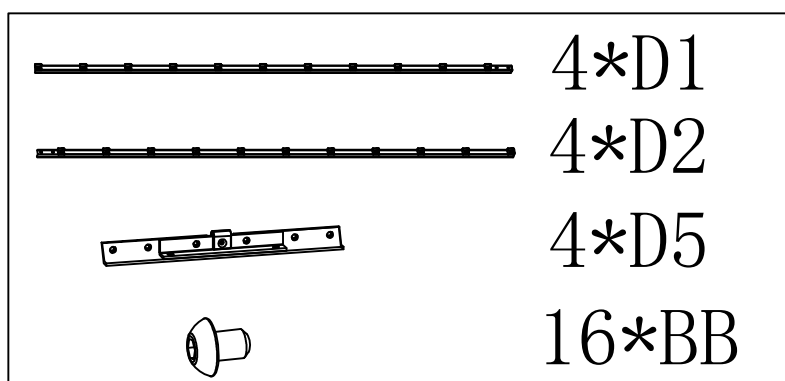
- Attach the crank handle to main pillars A1 and A2 by unscrewing the cap of the handle.
- Secure it with screw CC1 and washer CC2. Note that the CC1 screw tightens counterclockwise.
- Finally, reattach the cap of the crank.



Step 13: To prevent rainwater from seeping through the beam connections, follow the diagram to first apply waterproof tape Q over the seams. Then, secure with Cover L3 and L2.

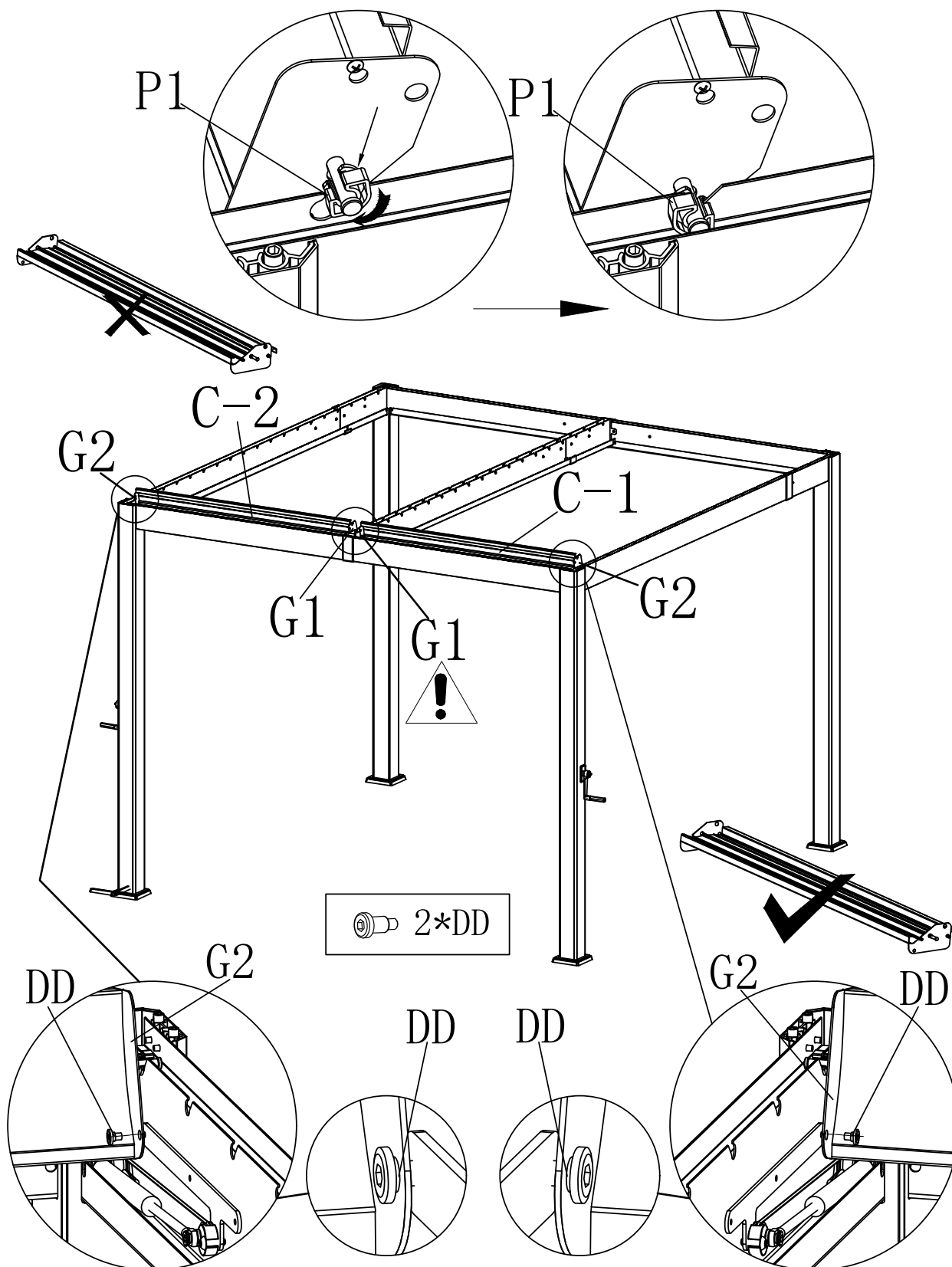


Step 14: Use the Middle Connecting Strip D5 to connect D1 and D2.
Four sets need to be completed.



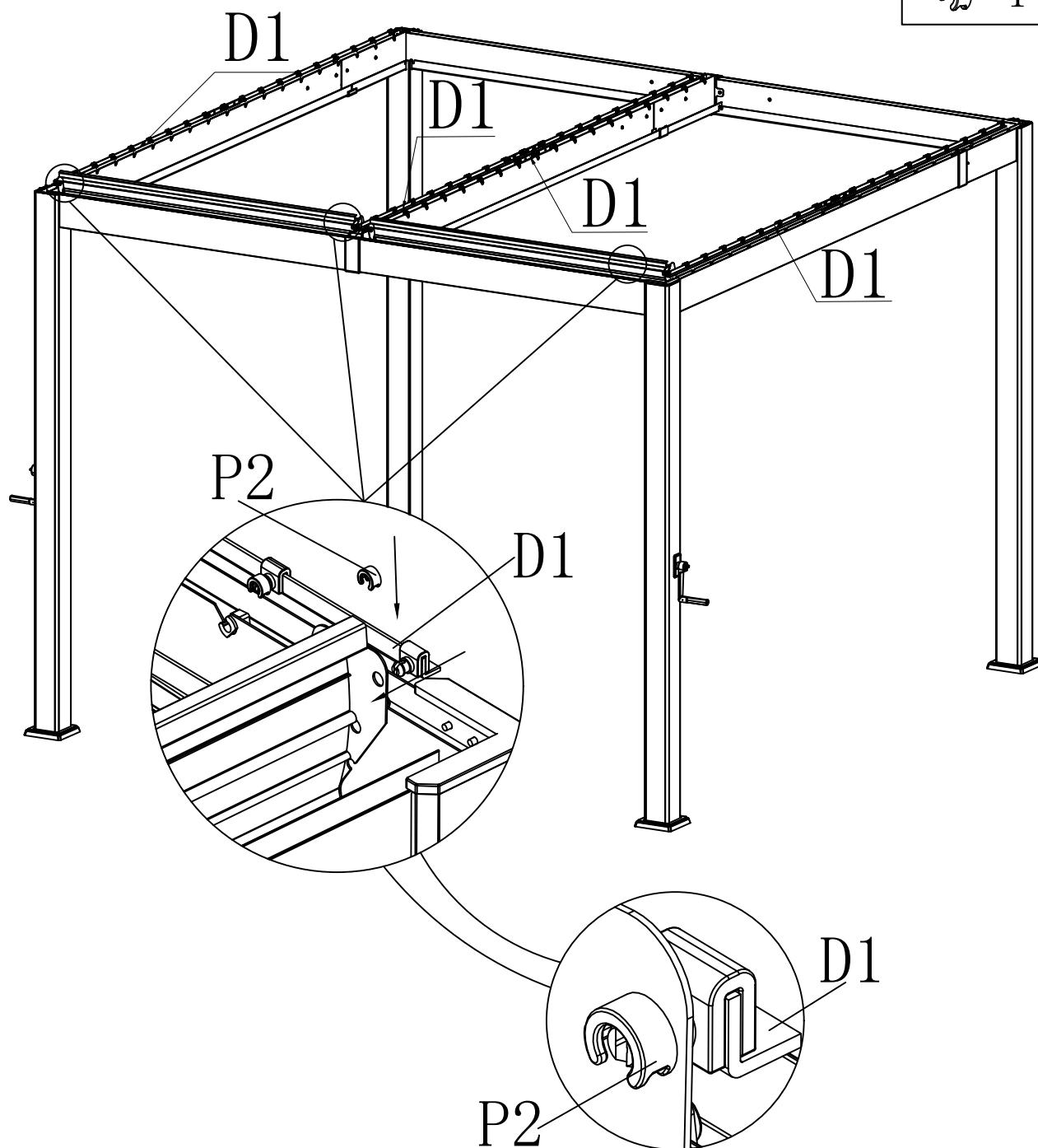
Step 15:

1. Take out one piece each from the assembled first and second louver sets and install them according to the positions shown in the diagram. Remember to use DD screws for fastening.
2. Rotate the latch P1 on the louver to secure it.



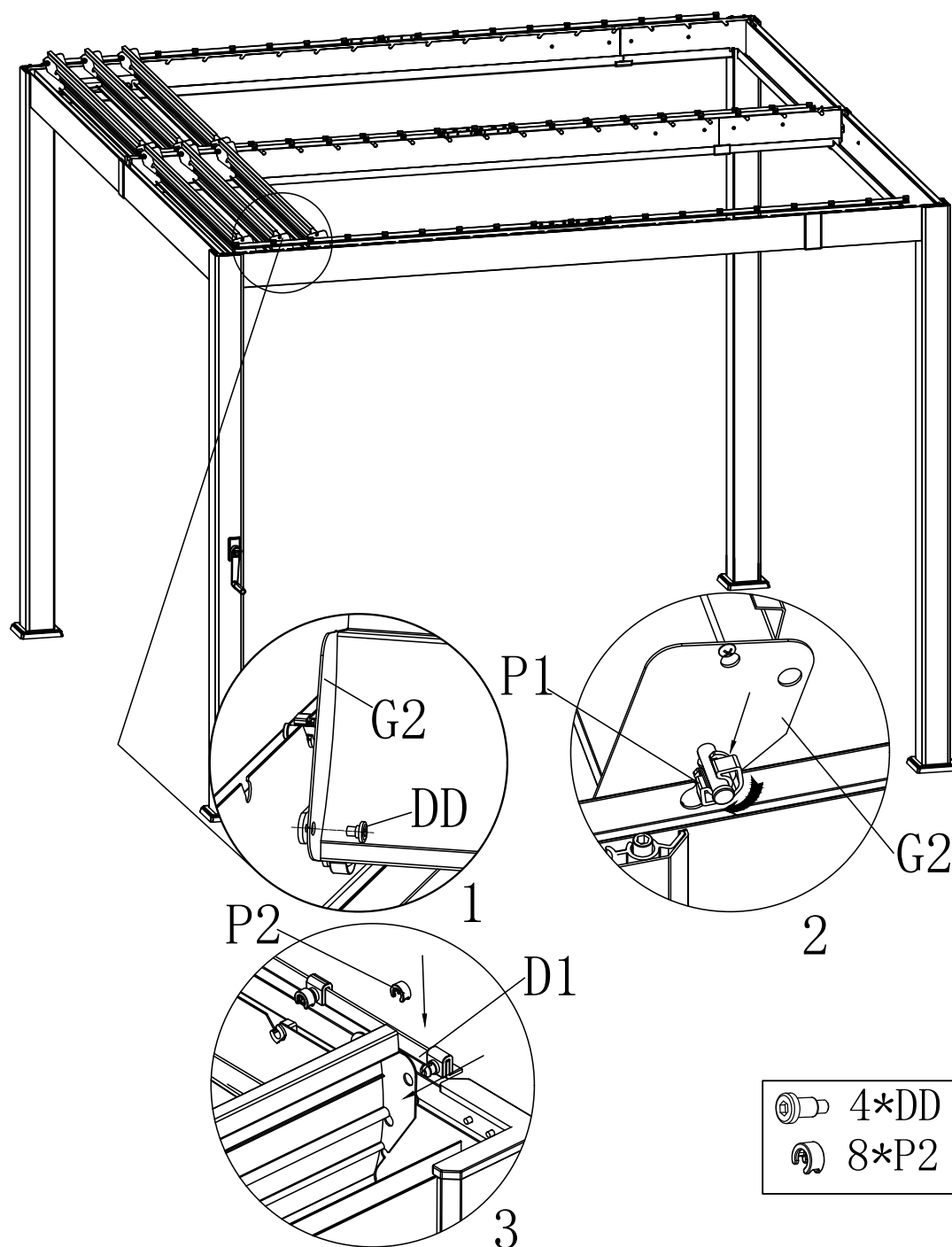
Step 16: Place the four connecting rods D1 on top of the beams. Ensure the round holes at the top of the louvers fit completely onto the protruding plastic parts of the connecting rods, and secure them with cover P2.

 4*P2

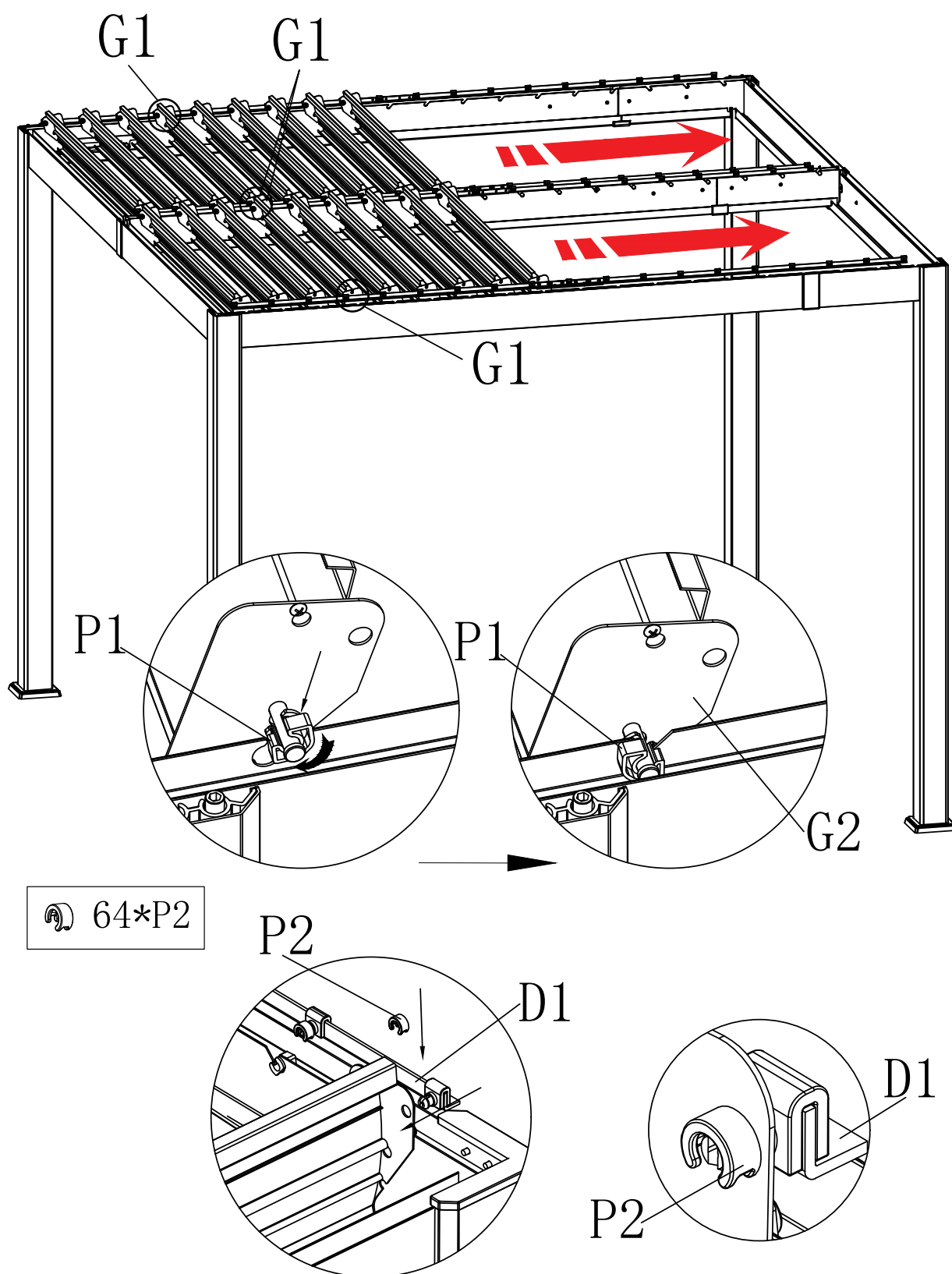


Step 17:

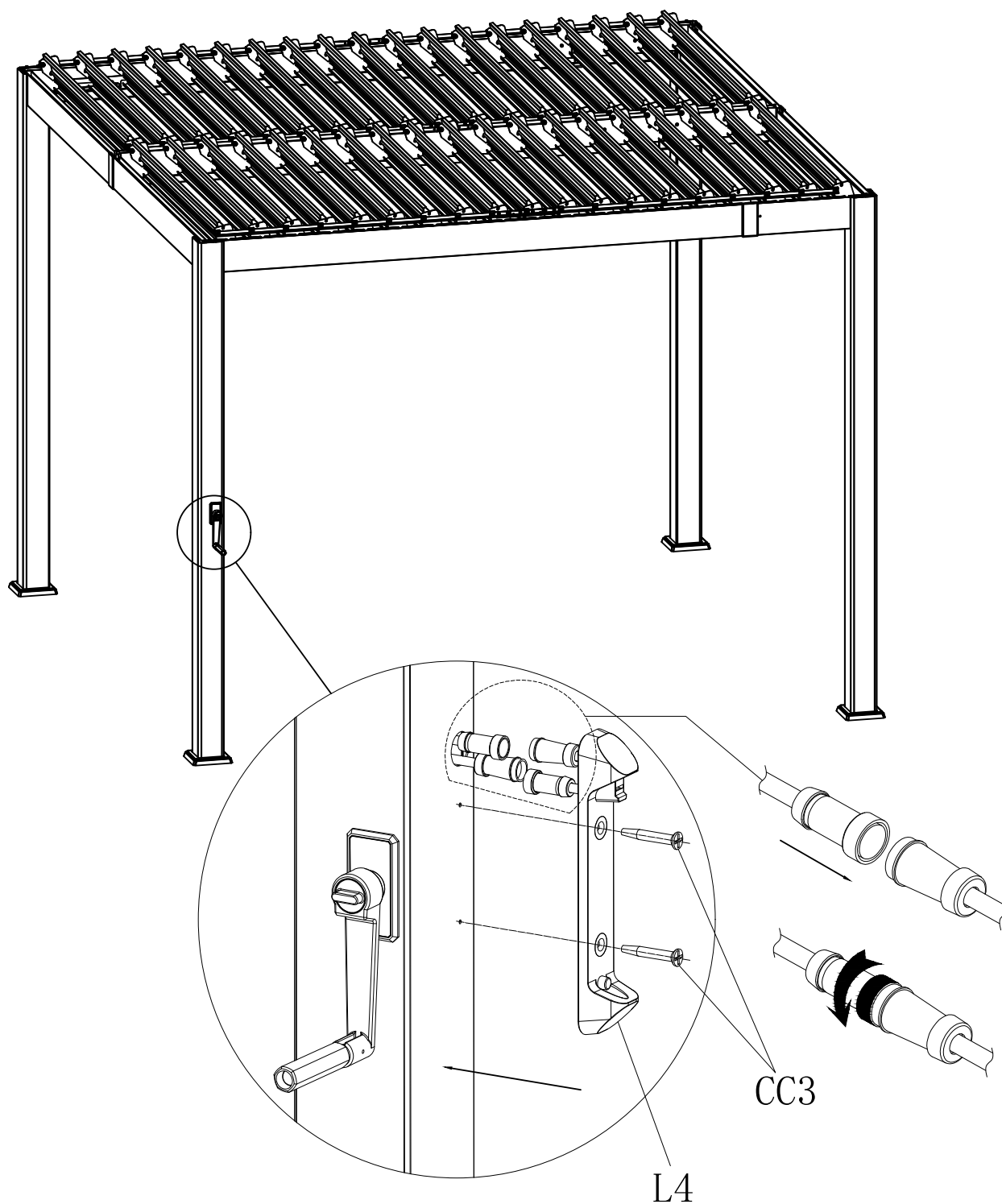
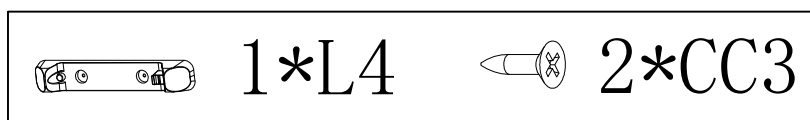
1. Assemble the remaining louvers from the first and second sets, following the direction of the previously installed louvers. On the left side, arrange the second set with G2 on the left and G1 on the right. On the right side, arrange the first set with G1 on the left and G2 on the right.
2. Use DD screws and cover P2 to fasten the louvers, and rotate the latch P1 to secure them. Ensure the round holes at the top of the louvers fit completely onto the protruding plastic parts of the connecting rods, and secure them with cover P2.



Step 18: Following the steps above, use the remaining third set of louvers to complete the assembly of all remaining louvers.



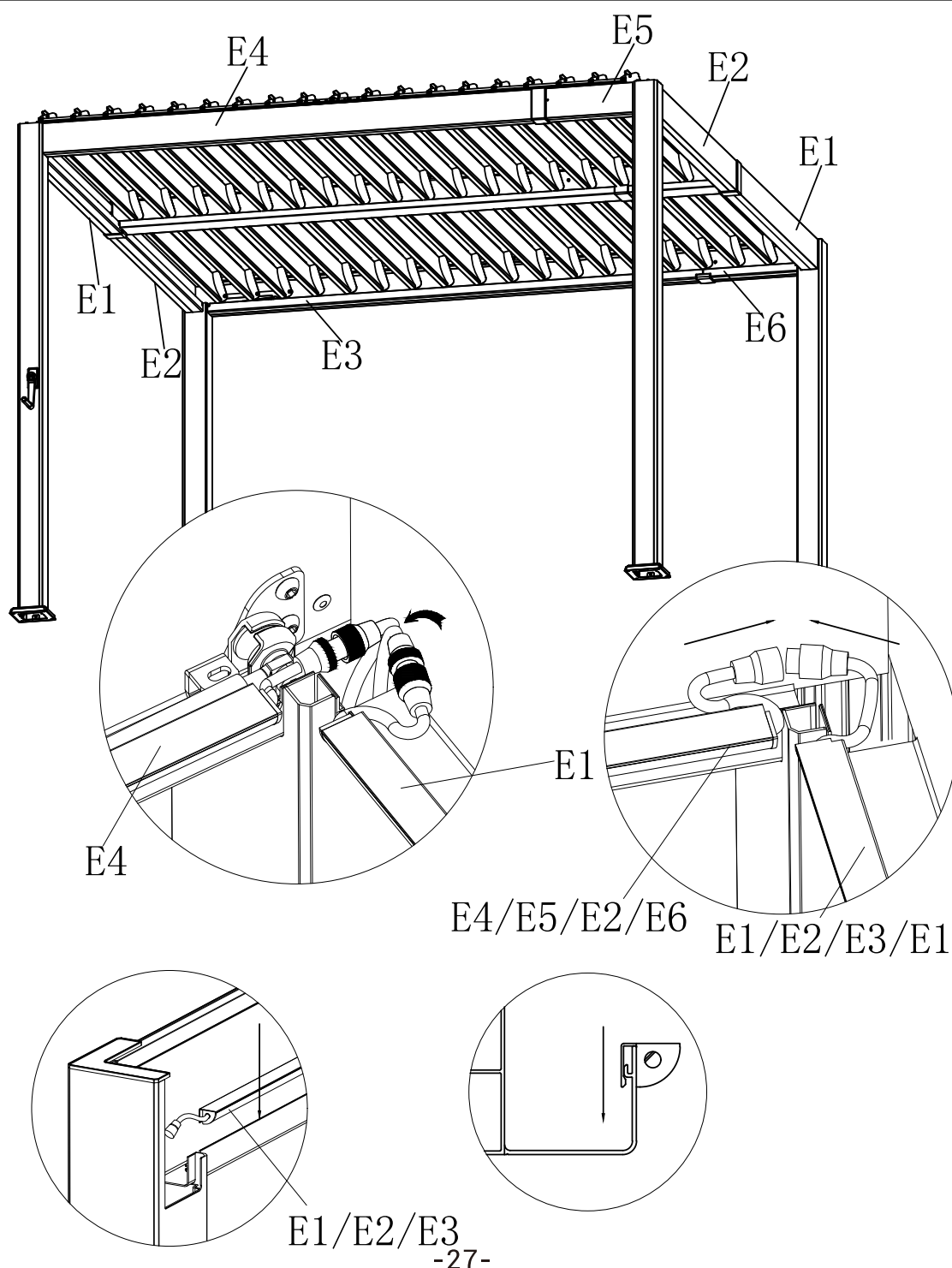
Step 19: Attach the controller base L4 to the A2 pillar using self-tapping screws CC3. Then, connect the wires from the controller base to the plugs on the A2 pillar.



Step 20:

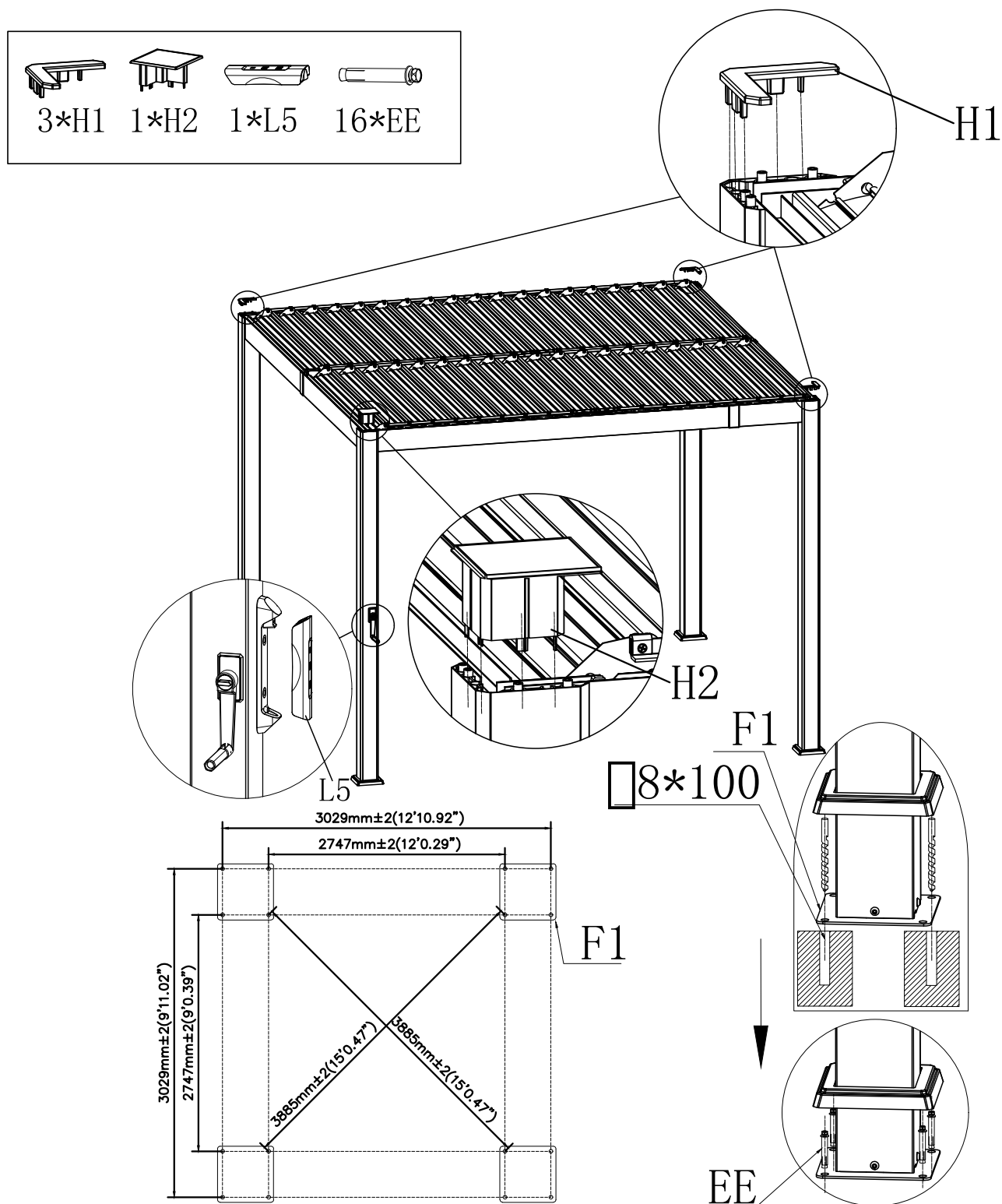
- Assemble all the light strips according to the positions shown in the diagram.
- Connect E4 and E1 to the wires inside pillar A2, allowing the controller to operate the lights.
- Connect the remaining light strips to each other, making sure to match the male and female connectors.

	2*E1		1*E4
	2*E2		1*E5
	1*E3		1*E6

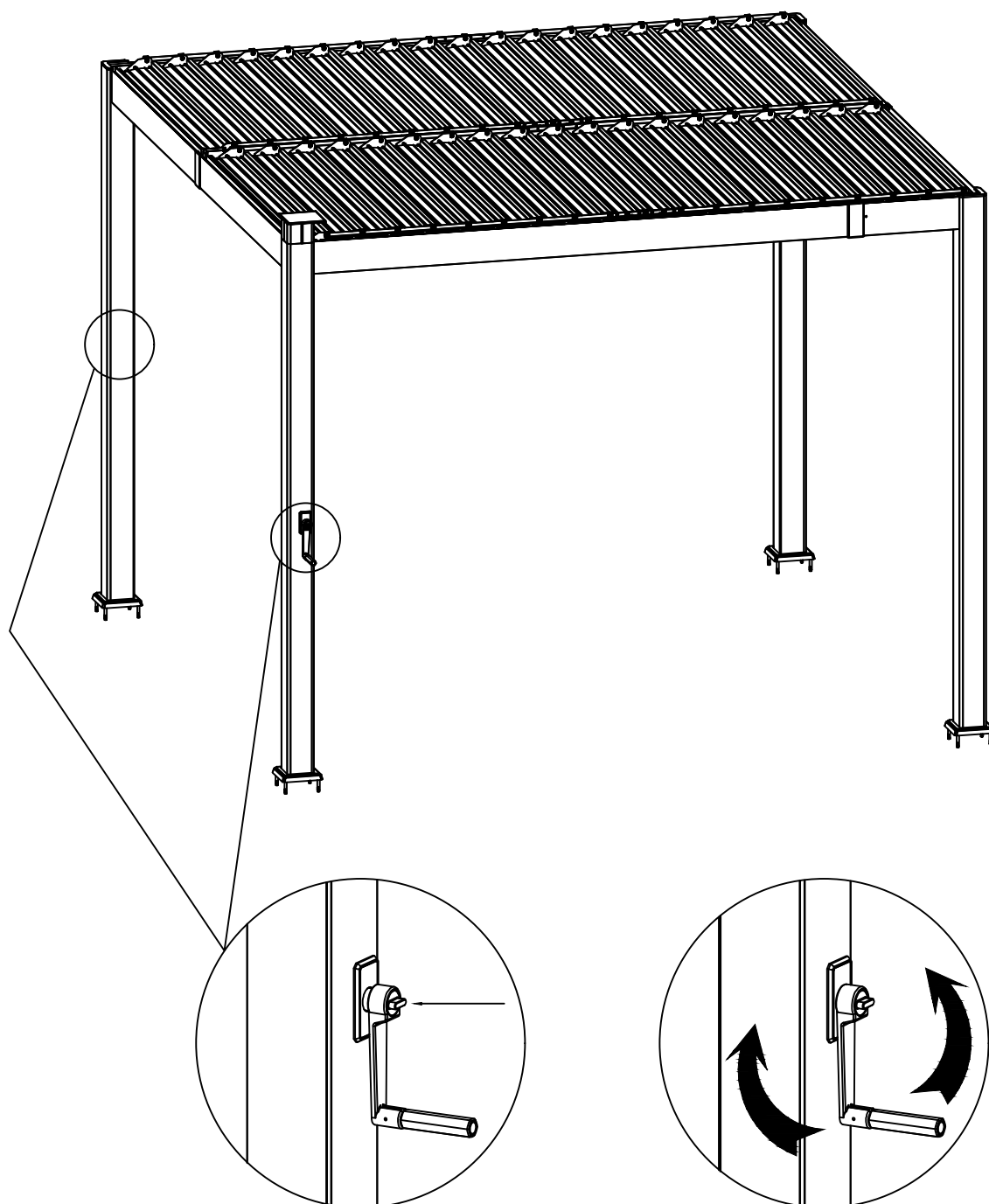


Step 21:

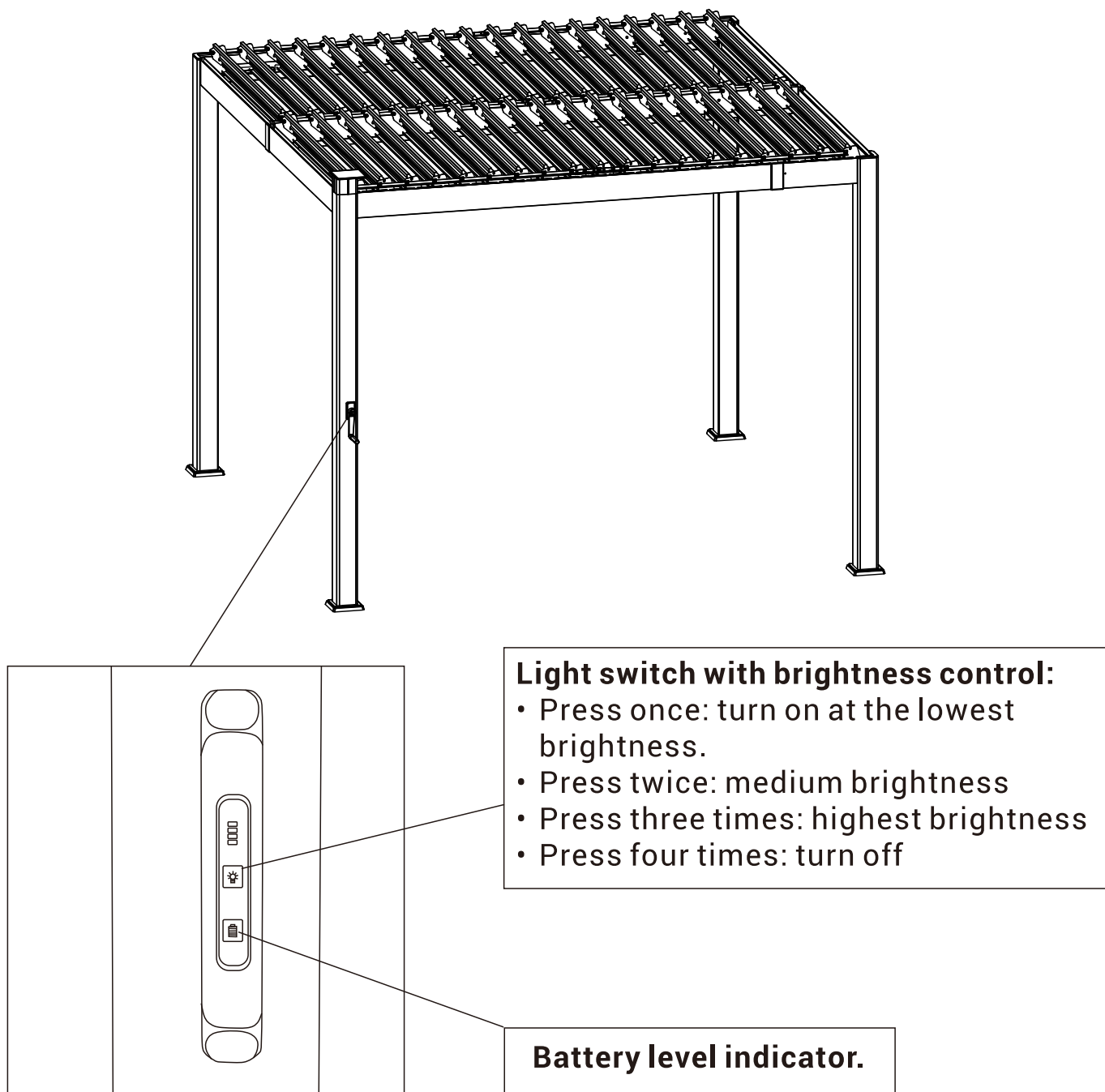
1. Attach the pillar cover H1 to the top of the three pillars.
2. Use a 8x100mm drill bit to drill through the pillar plate F1 into the ground, and then secure it with Anchor bolt EE. The drill bit is not included with the product.
3. Connect the solar panel H2 cable to the pillar's power line, secure it on top of pillar A2, and place controller L5 in its base.



Note: In the event of heavy snowfall, it is recommended to open the louvers to prevent excessive snow load.



Push the handle towards the pillar about 0.4 inches. At this point, you can adjust the rotation angle of the handle without affecting the opening and closing of the top louvers.



 L6 X 1

- If the weather conditions remain poor, you can use the charging cable L3 to charge the controller. Once fully charged, place it back on the charging base to use the LED light strip normally.
- For your convenience, we have provided 2 controllers.
- In addition to controlling the light switch and brightness, the controller also stores electrical energy. It is essential for the normal operation of the LED light.