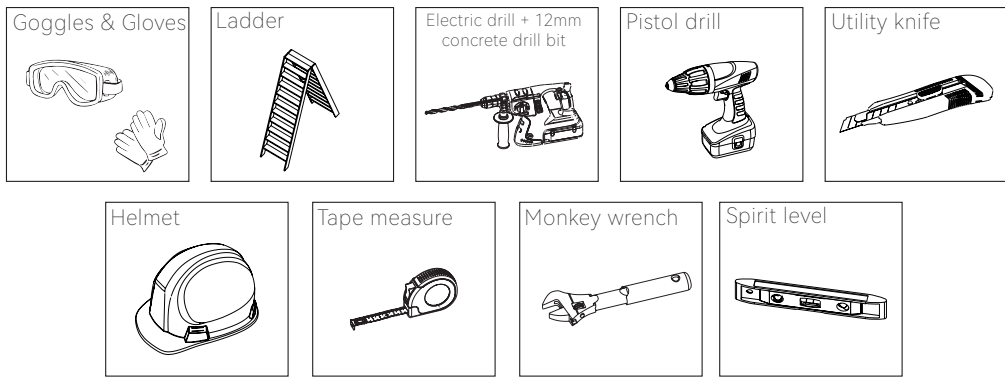


ALUMINUM PERGOLA 13'X26'

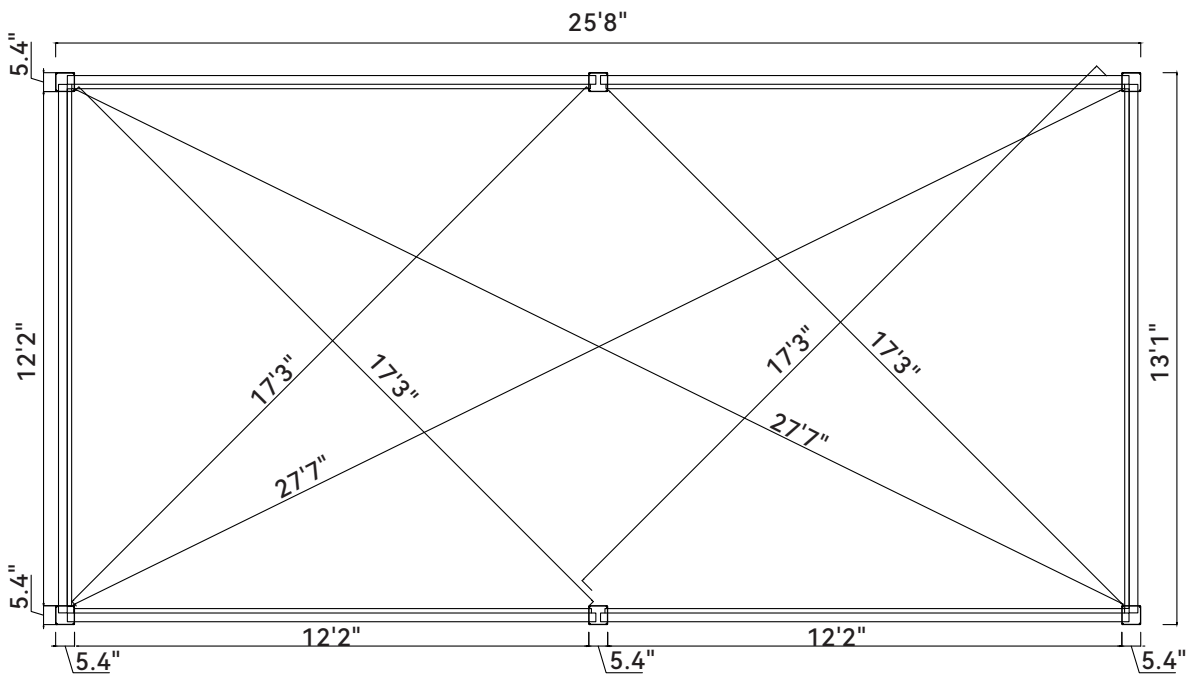
APP SERIES-MOTORIZED WITH LED

Assembly Instructions

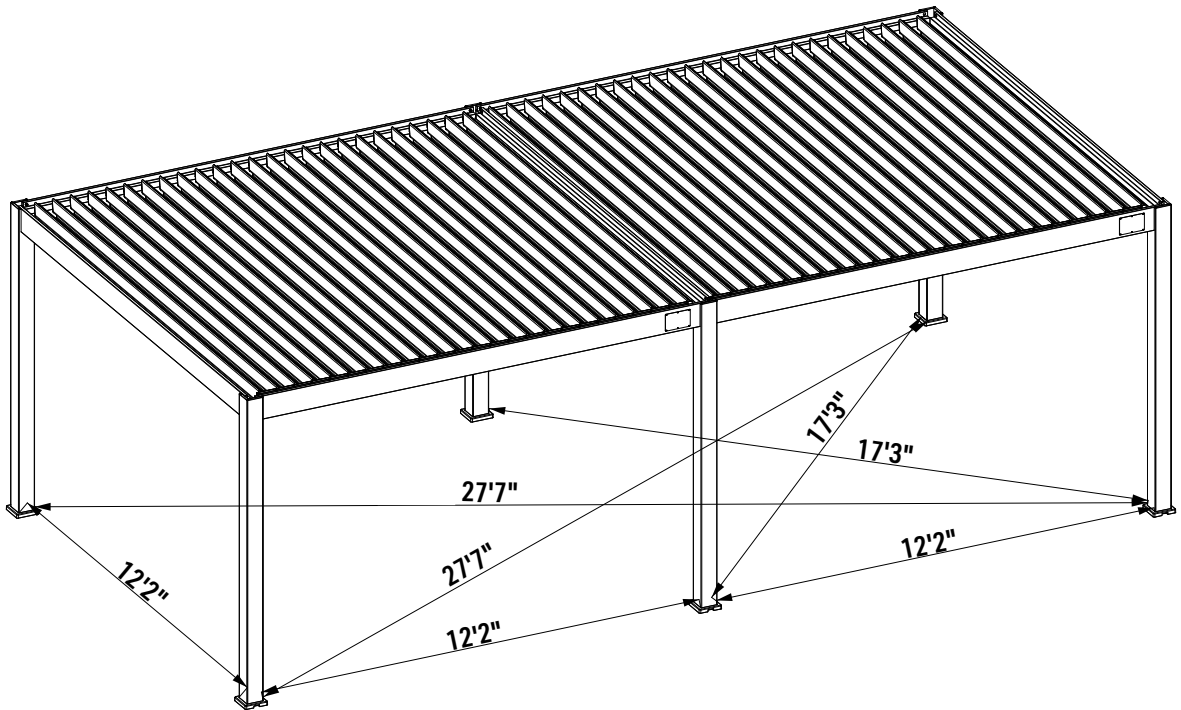
NECESSARY TOOLS AND SAFETY GEAR(NOT SUPPLIED)



2D FOOTING MEASUREMENT (dimensions in feet and inch)



3D FOOTING MEASUREMENT (dimensions in feet and inch)



PRECAUTION OF USE

This product should not be used in extreme weather: storms, violent winds, hail, and snow. We guarantee the resistance of the pergola for winds up to 98 mph and a maximum snow weight of 2373 lbs.

As in the case of strong winds or snow, we highly recommend leaving the louvers open. To maintain good working conditions of your louvers, please clear any snow on them.

Our pergola can withstand heavy rain, but we cannot guarantee it will be 100% waterproof due to some extreme weather conditions.

Exceptional climatic events may compromise the perfect sealing of the product.

To avoid any damages and injuries, we do not recommend climbing on the roof or the structure of the pergola.

TIPS AND SAFETY INSTRUCTIONS

Depending on the location and surface area, construction may be subject to building permits. Make sure you have checked with your local authorities to obtain the needed information before the assembly.

Product assembly :

- At least 2/3 people required
- Remove protective film (around 1 hour needed)
- Do not keep children near the assembly area
- Beware of the risk of pinching
- Do not tighten the screws before assembling the whole product
- All assembly steps must be carefully followed
- Check the level of the structure on all sides
- Do not anchor the pergola before assembling the whole product

No changes can be made to the product. Products tampered with by the user are not covered by the warranty, thus being declared as void.

The location should be chosen carefully. It is recommended to avoid mounting your pergola on a rainy day, facing the prevailing winds, and under an overhanging tree.

The pergola must be mounted on a flat-level foundation. It is recommended to install it on a concrete slab or 10"X10" concrete pads at each post. Please, anchor the pergola properly to the ground using expansion screw.

If you would like to mount your pergola near your house or a building, please check the presence of gutters for water drainage.

Should these instructions not be followed or only partially, the warranty will be voided by the seller.

MAINTENANCE

Regular maintenance is necessary to ensure its longevity and aesthetic appearance.

We recommend to :

- Clean your pergola once or twice a year with fresh water using a sponge or cloth.
- Do not use detergent or an abrasive material.
- Check the tightness of the screws regularly (at least once a year).
- Oil fastening regularly (at least once a year).
- Make sure that nothing hinders the water flow in the gutters (leaves, branches...).
- Remove any water that might stagnate around the legs of the pergola (lift the posts skirts).

WARRANTY

This warranty does not cover :

- Normal wear and tear inherent from the products.
- Loss or breakage of any part during unpacking or installation.
- Lack of care, neglect, vandalism, impact with foreign body, force, contact with a brasures material, product aesthetics, disassembly, rebuilding or relocation.
- Force majeure: hail, high winds, storms, snow, floods, lightning etc...
- Product tampered with by the user.

The warranty only takes in account the replacement of spare parts or the provided product, no refund will be issued.

All warranty claims must be made at the sales outlet (store or website) where the product has been purchased.

PARTS LISTS (PER CARTON)

Before proceeding with the assembly of your louvered pergola, it is necessary to check that all parts listed are supplied and not damaged.

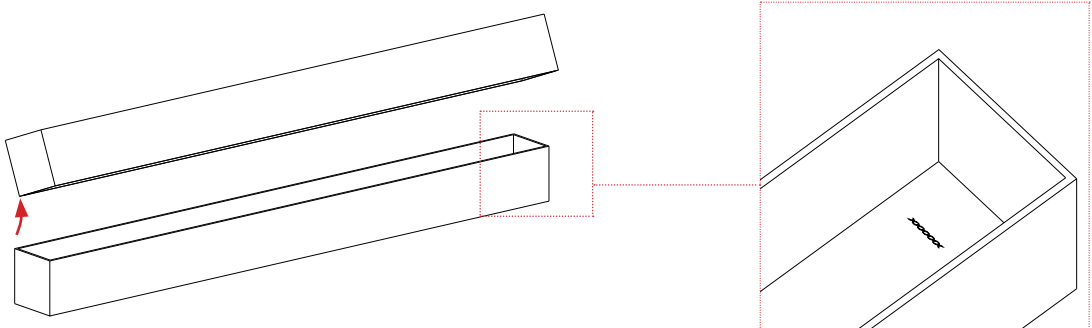
Any missing part must be reported within 10 days of delivery.

You can either go through your local outlet store or make the request directly on our website.




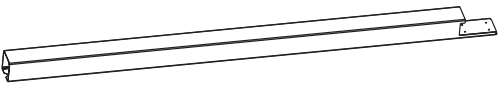
Do not discard the packaging without ensuring that the product is functioning properly.









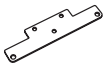


There is a Product Tracking Number in the inner side of the carton(see below diagram). For better and efficient after-sales in the future, when tear down the carton box, please take a photo of the Tracking Number and save the photo.

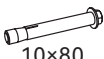












CARTON 1/9

No.	Profile	Diagram	Size	QTY
AO			L=100.4"	1
AO-1			L=100.4"	2



No.	Diagram	QTY
IO		6
JO		6

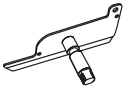
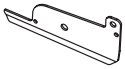



No.	Diagram	QTY
QO	 6mm	12
QO-1	 6mm	12
QO-2		12
QO-3		12
EO-1		2
RO		24
SO		100

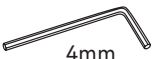

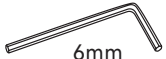
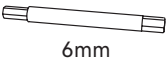



No.	Diagram	QTY
TO	 10×80	24
XO-1	 6×35 4mm	24



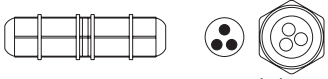


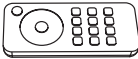
No.	Diagram	QTY
UO	 lock nut	148
UO-1	 plastic nut	50
UO-3	 M14	2
VO		248
WO	 4×16 PH2	200
WO-1	 5×19 8mm	6
XO	 6×40 4mm	98
XO-2	 6×20 4mm	50
XO-3	 6×16 4mm	4

CARTON 2/9










No.	Profile	Diagram	Size	QTY
AO			L=100.4"	3


No.	Diagram	QTY
KO		2
LO		48
LO-1		50
MO		98
MO-1		98

No.	Diagram	L=100.4"	QTY
ZO-1		4mm	1
ZO-2		4mm	1
ZO-3		6mm	1
ZO-4		6mm	1
ZO-5		10mm	1
ZO-6		PH2	1
ZO-7			1

No.	Diagram	QTY
E-C	 Controller	1
E-R	 Remote control	1
E-W3	 Waterproof joint(3)	1
E-P1	 Motor connection cable(M12)	1
L-C1	 LED Controller	1
L-LC	 LED control	1

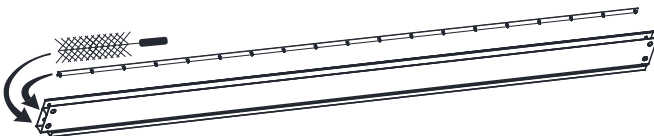
CARTON 3/9

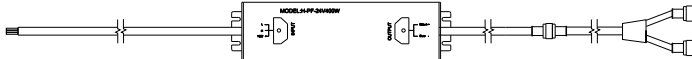
No.	Profile	Diagram	Size	QTY
CO			L=150"	1
CO-1			L=150"	1
EO			L=148.4"	1
FO			L=108"	2
HO			L=51.2"	2


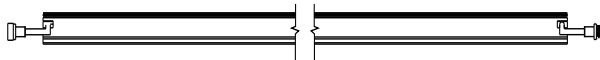


ATTENTION!






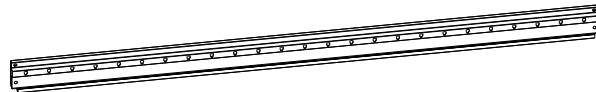
Connecting Bar(FO) & Brush Inside!





No.	Diagram	QTY
E-T	 <p>Transformer</p>	1

No.	Profile	Diagram	Size	QTY
LED1			L=145.9"	6



CARTON 4/9

No.	Profile	Diagram	Size	QTY
B1			L=150"	1
B2			L=150"	1
BO-1			L=150"	2



CARTON 5/9

No.	Profile	Diagram	Size	QTY
GO			L=148.4"	10



CARTON 6/9

No.	Profile	Diagram	Size	QTY
GO			L=148.4"	10



CARTON 7/9

No.	Profile	Diagram	Size	QTY
GO			L=148.4"	10

CARTON 8/9

No.	Profile	Diagram	Size	QTY
GO			L=148.4"	10

CARTON 9/9

No.	Profile	Diagram	Size	QTY
GO			L=148.4"	10

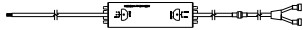
ASSEMBLY GUIDELINES

Step 1: Frame & Electric

Step 2: Assembling louvers

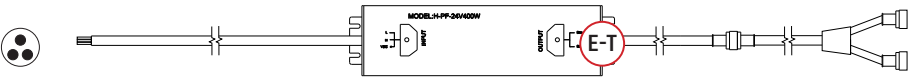
Step 3: Install louvers & Connection

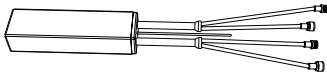
- Notes:
1. Please put the transformer into the side beam where is close to the motor.
 2. Put the input wire of the transformer through the post, then pull the line from the notch at the base of post, to connect the power.
 3. Please connect wiring in accordance with the diagram below.

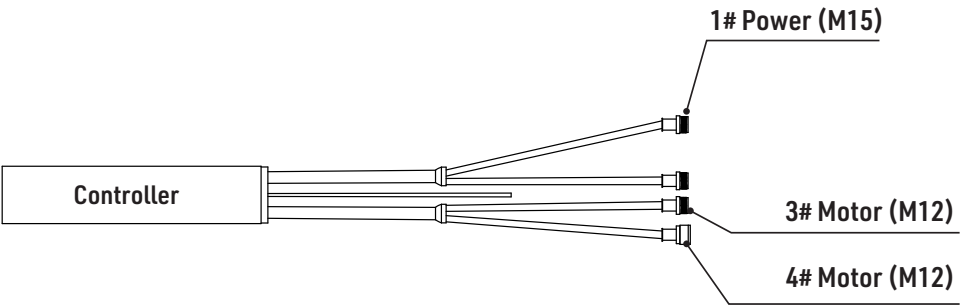
E-T		1
Transformer		

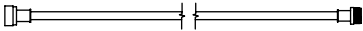

INPUT:100-260V

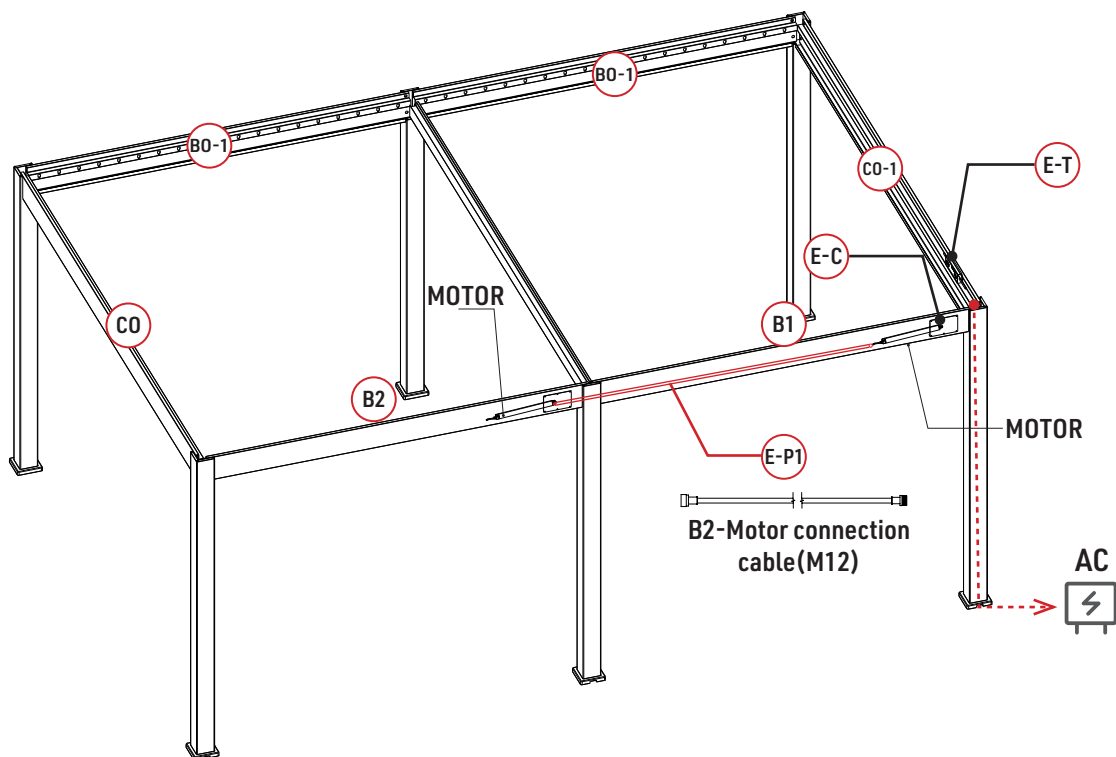
OUTPUT:24V



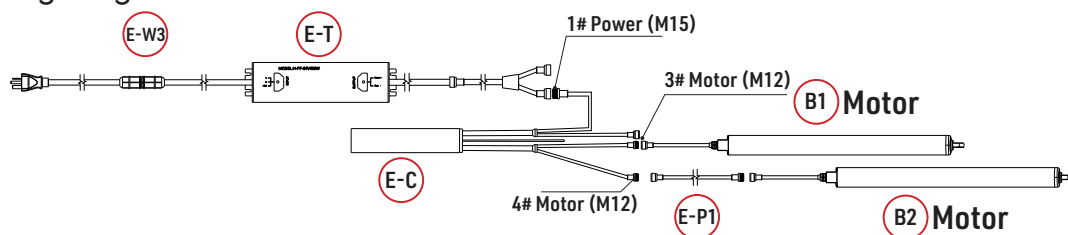
E-C		1
Controller		





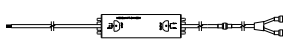




E-P1		1
E-W3		1

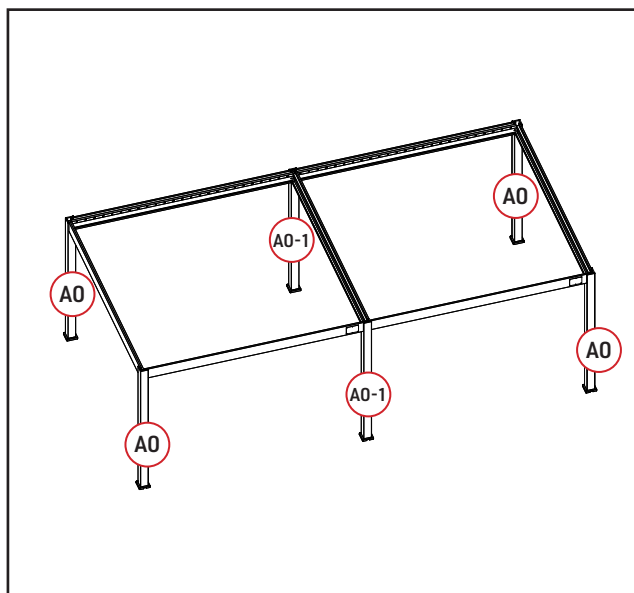


Wiring Diagram

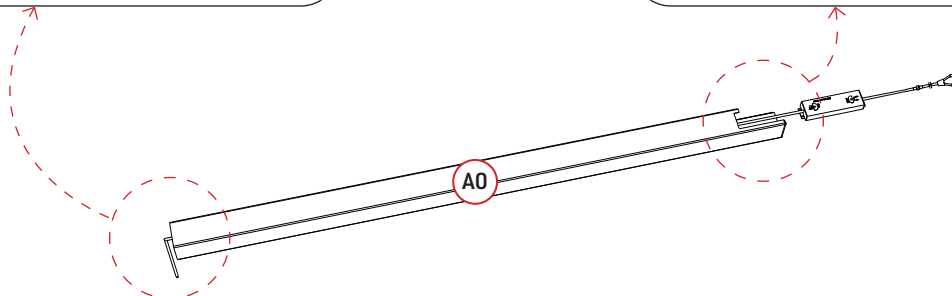
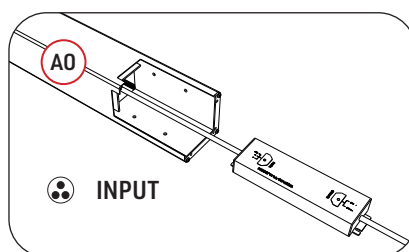
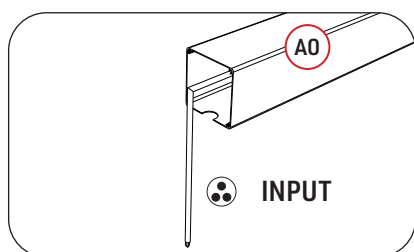


A0		4
A0-1		2
I0		6
J0		6
E-T		1

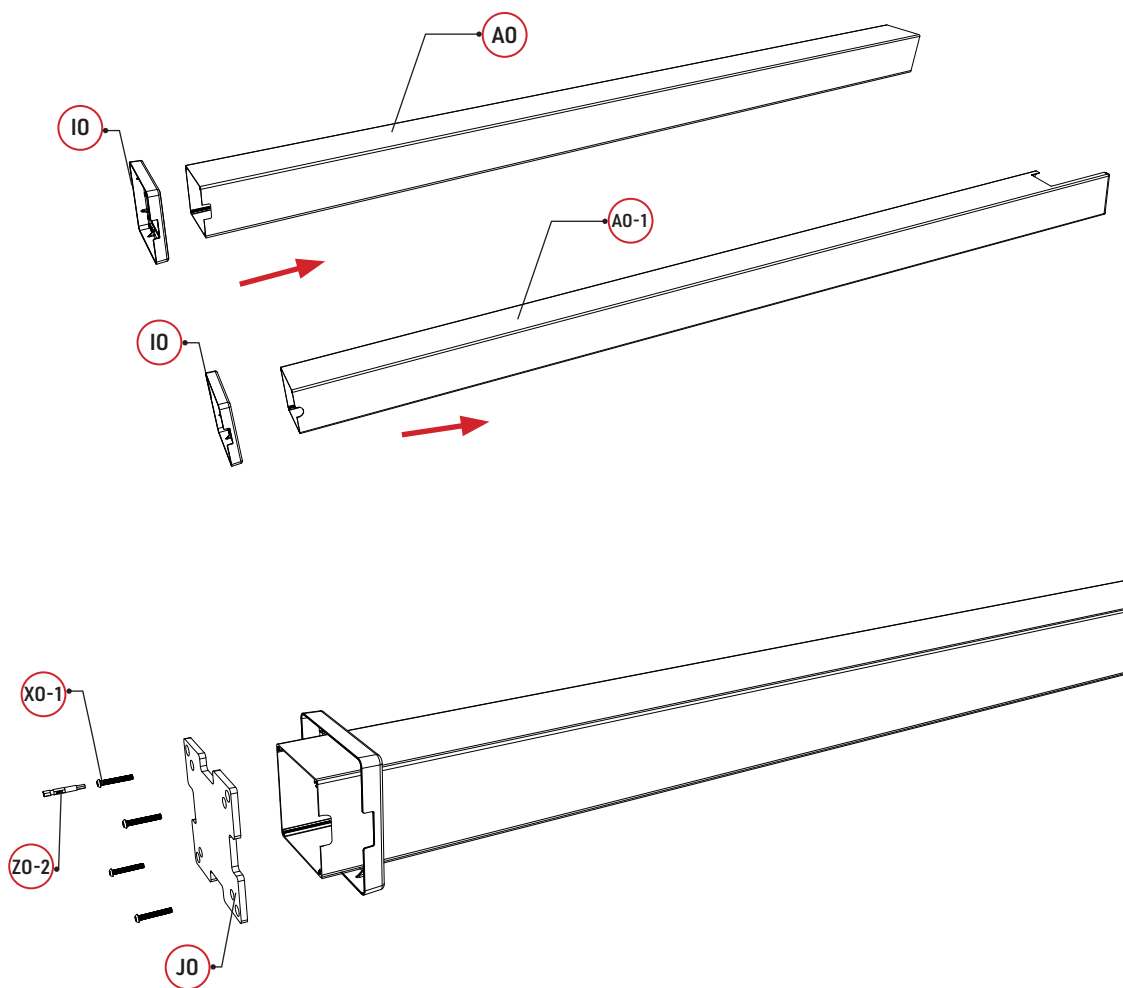
Z0-1		1
Z0-2		1



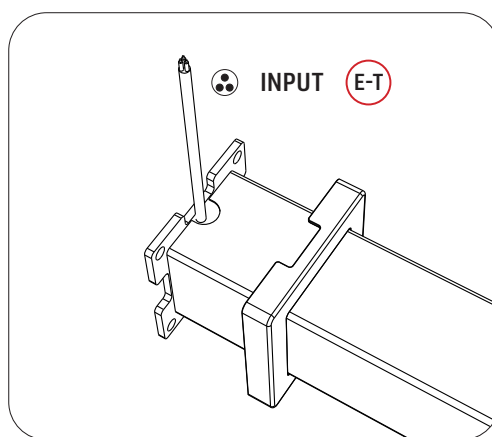
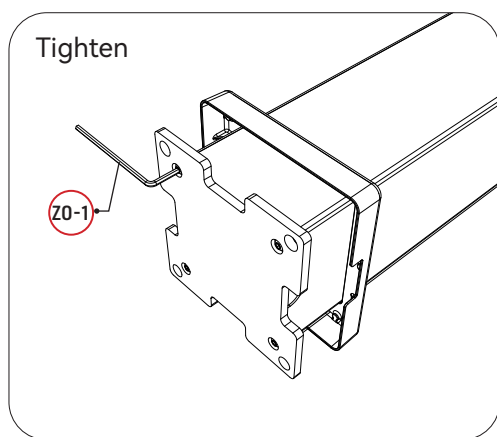
- Please insert the input line of the transformer into the cavity of the post
- Pull the input line from the drainage outlet of the post
- Install the plate and skirt of the post after pulling out the input line



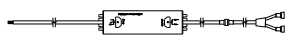
Put the skirt(IO) on the post(AO), please note that notch on the skirt and the drainage outlet of the post should be align as the diagram shows below.



Using the pistol drill to fix screws on the plate,
please tighten screws with the spanner.



C0		1
C0-1		1


E-T	 Transformer	1
-----	--	---


Q0		4
----	---	---

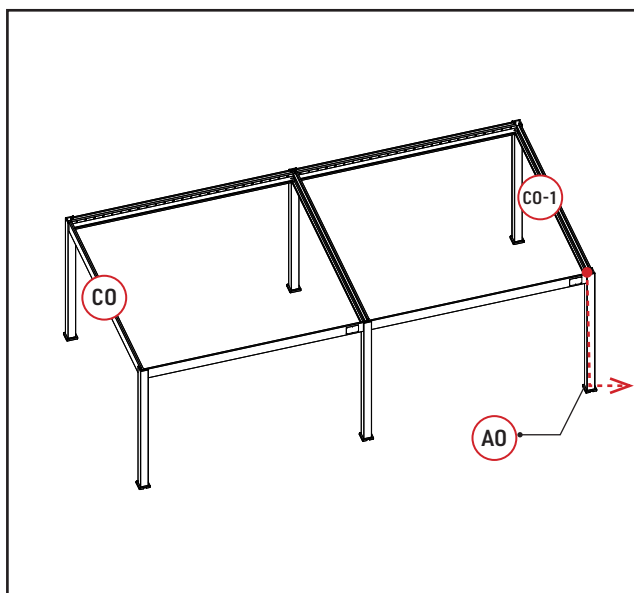
Q0-1		4
------	---	---

Q0-2		4
------	---	---

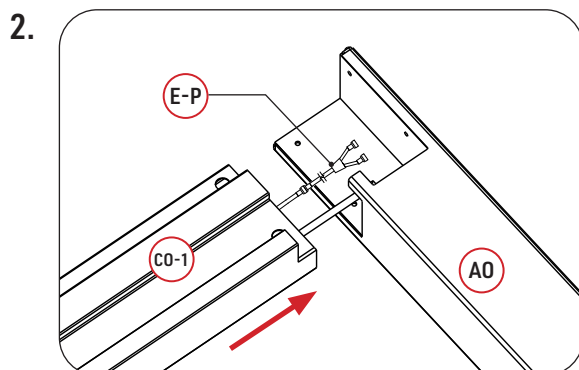
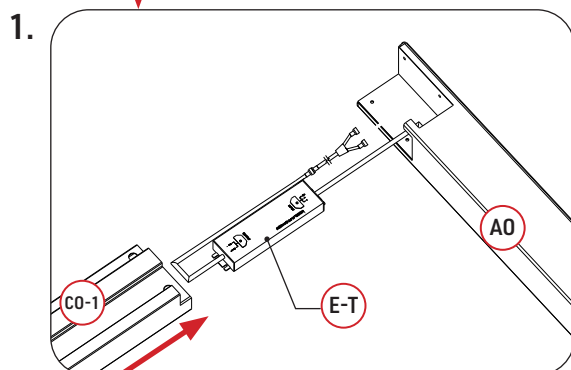
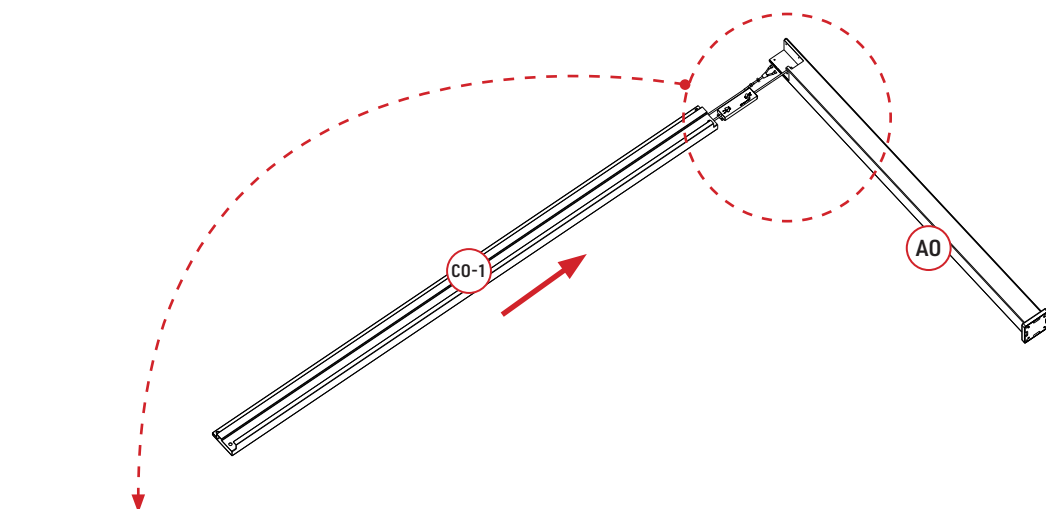
Q0-3		4
------	---	---

Z0-3		1
------	---	---

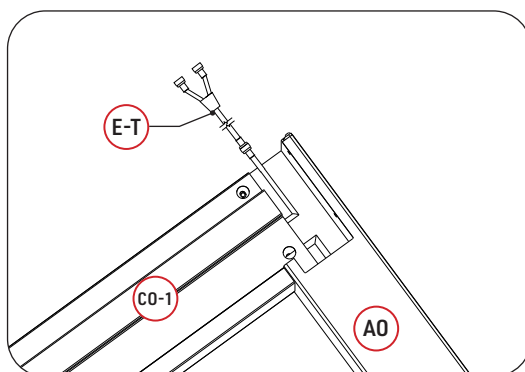
Z0-4		1
------	---	---



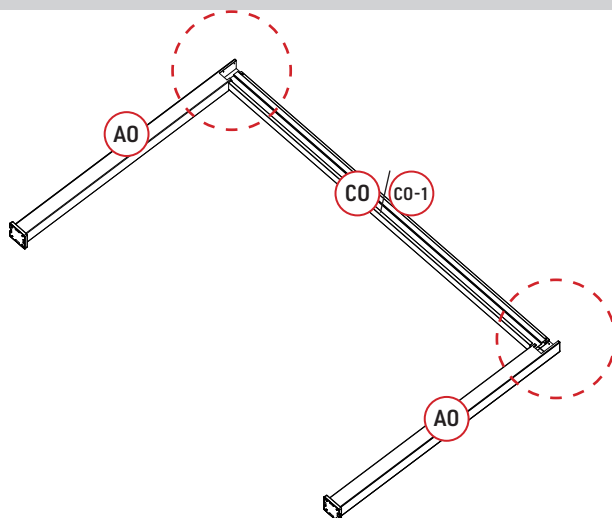
Insert the transformer into the cavity of C0-1, please note to reserve enough length of the power cable



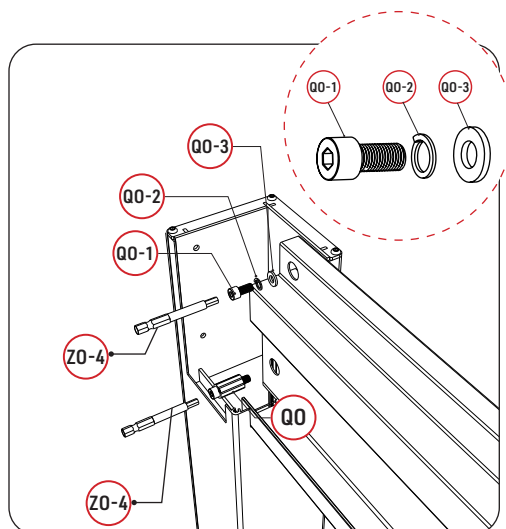
Connect the beam(CO-1) with the post(AO) as the diagram shown below.
Please remember to keep the transformer "OUTPUT" outside of beam



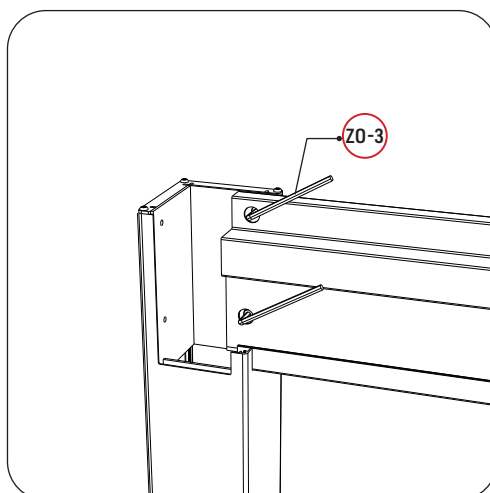
Using the pistol drill to fix screws on the post, then tighten screws with the spanner.










1.





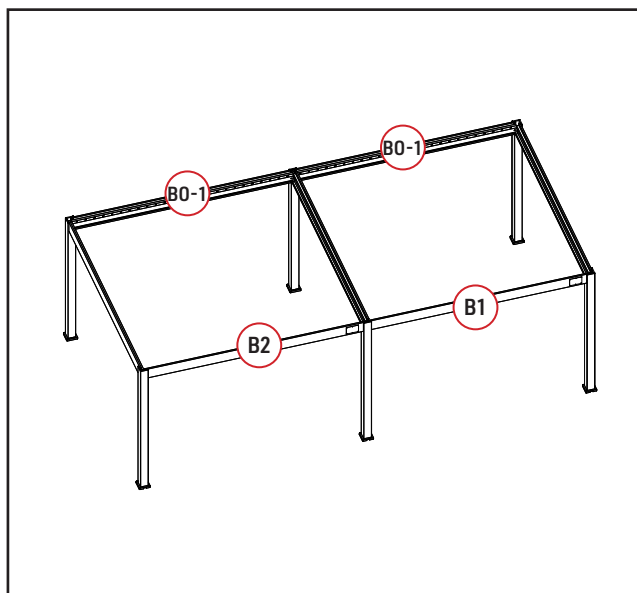
2.



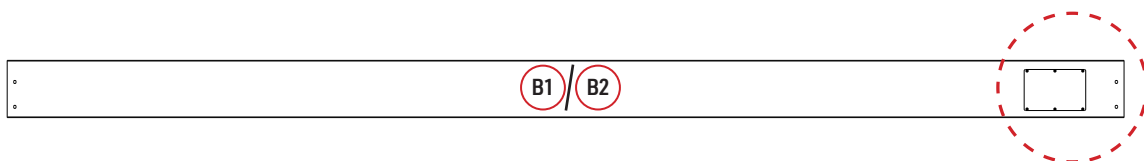
B1		1
B2		1
B0-1		2

Q0		8	Q0-1		8
			Q0-2		8
			Q0-3		8

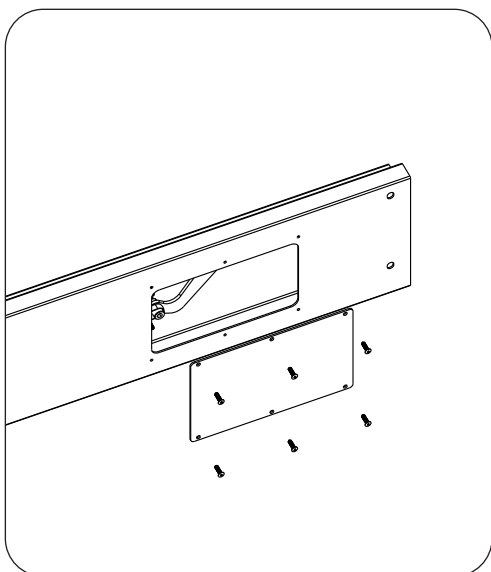
Z0-3		1
Z0-4		1



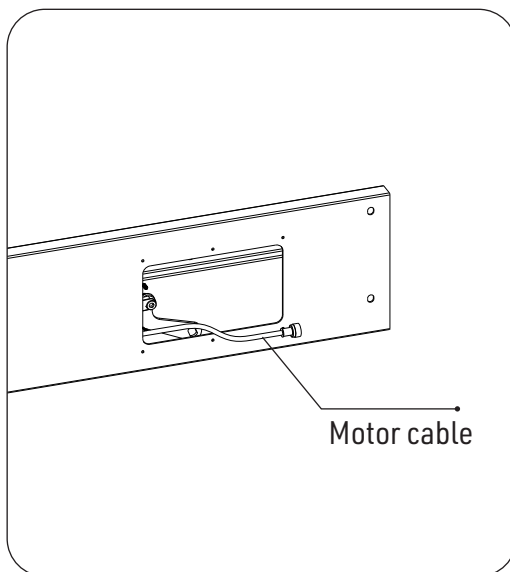
Take down the cover from the beam with the motor, then pull out the cable of the motor, and connect it to the controller



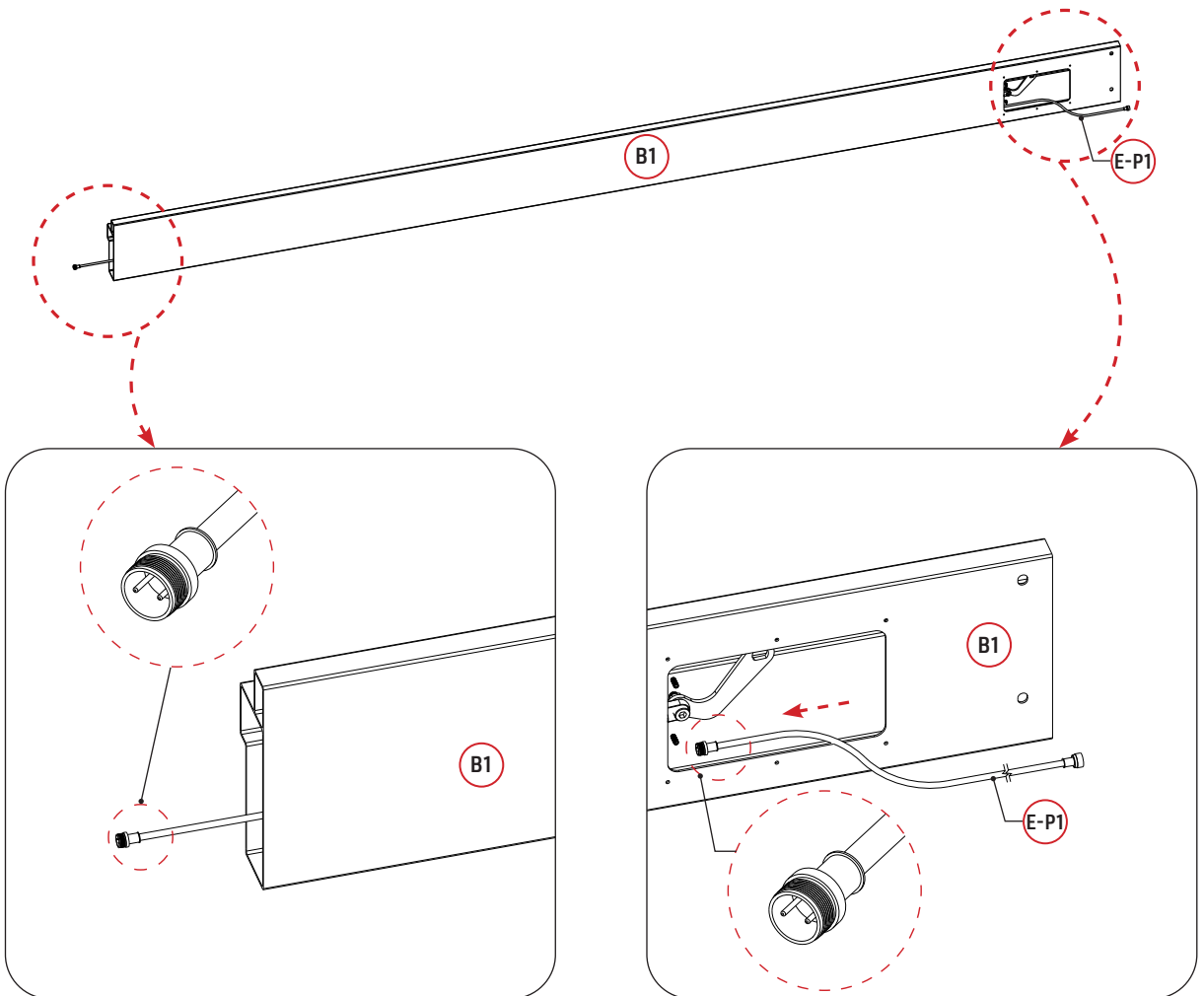
1.

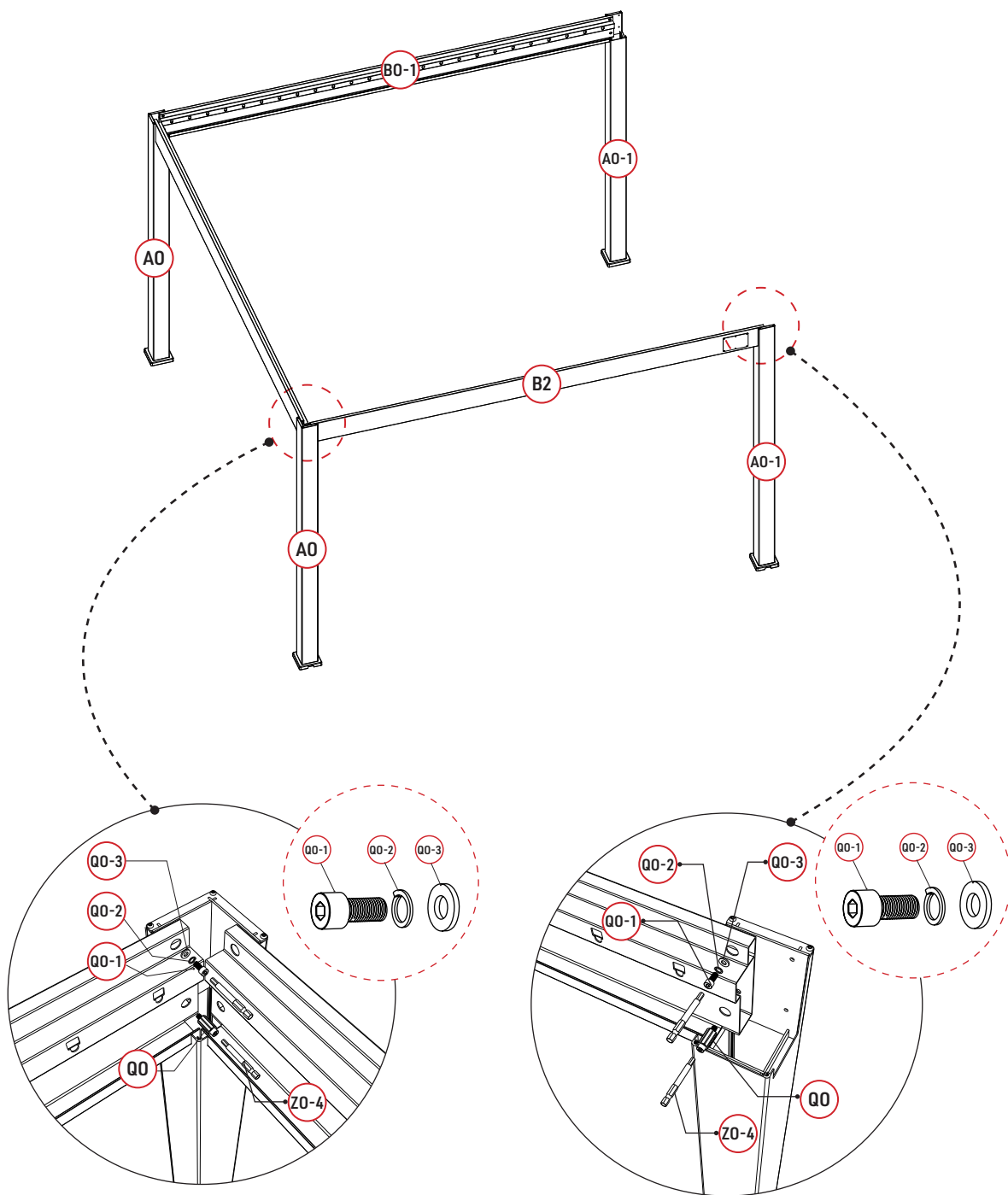


2.

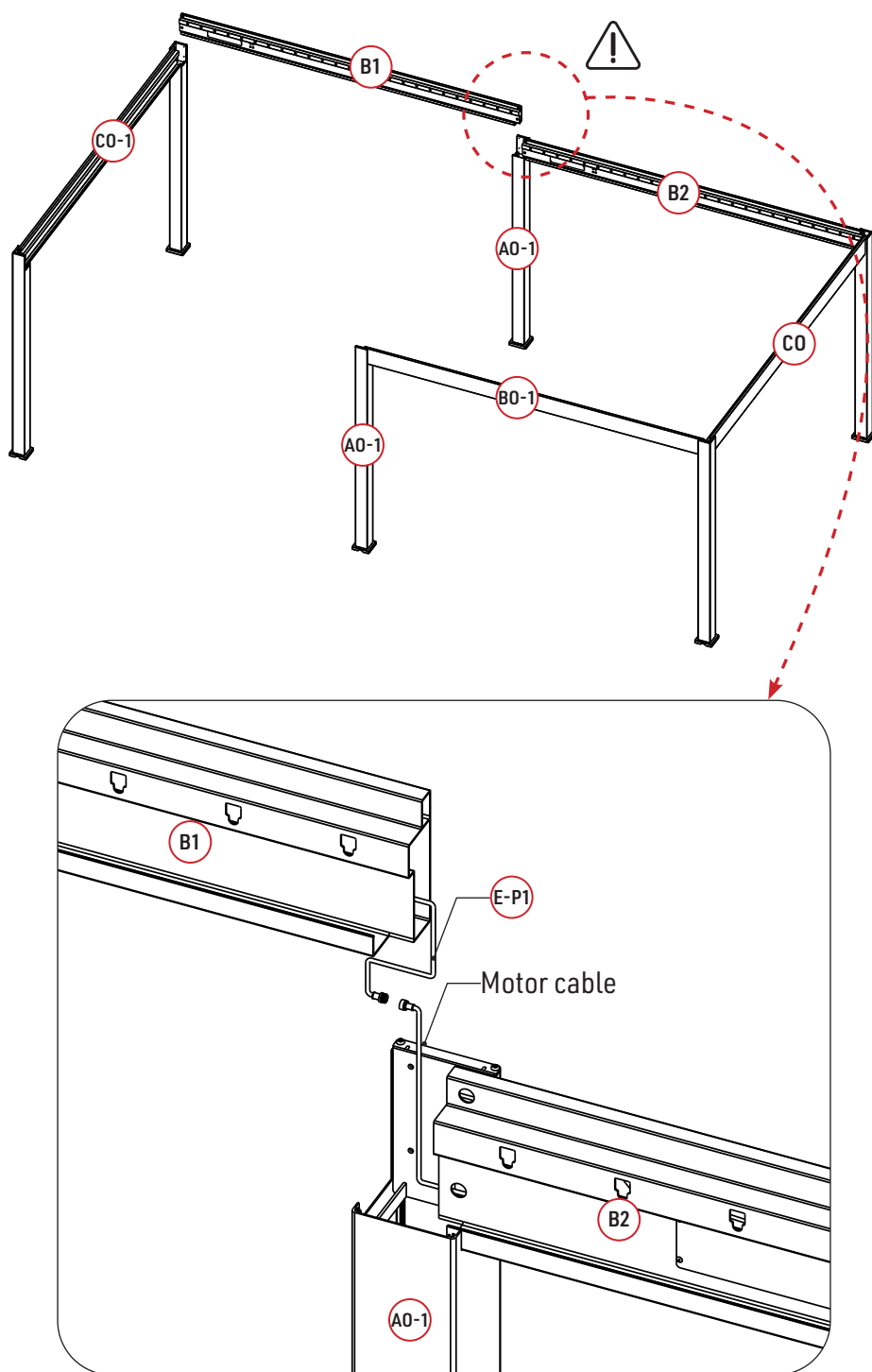


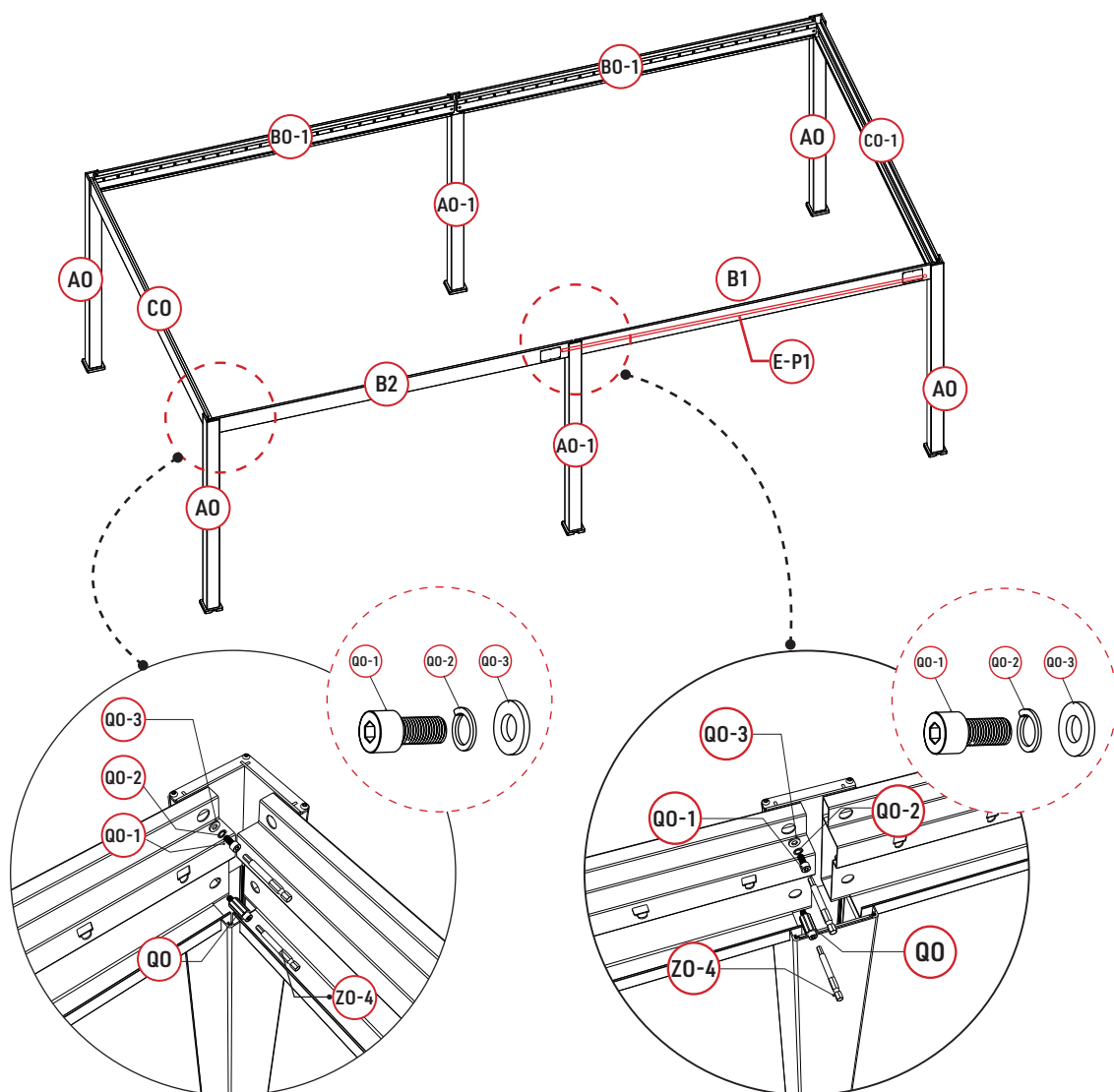
Route cable E-P1 through B1.



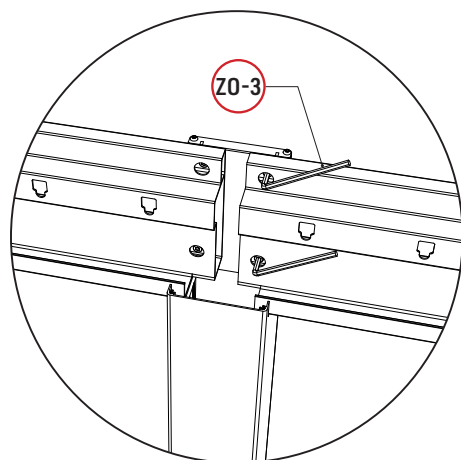


When placing B1, connect the EP-1 cable to the motor cable of B2

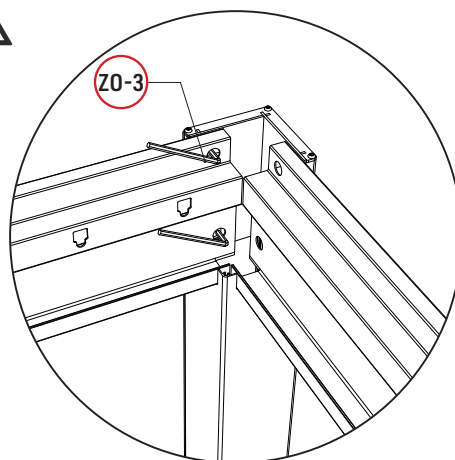










Tighten



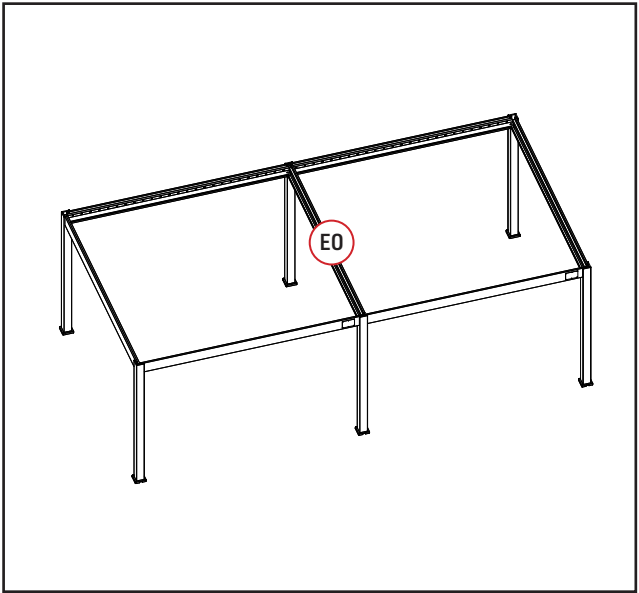
Tighten



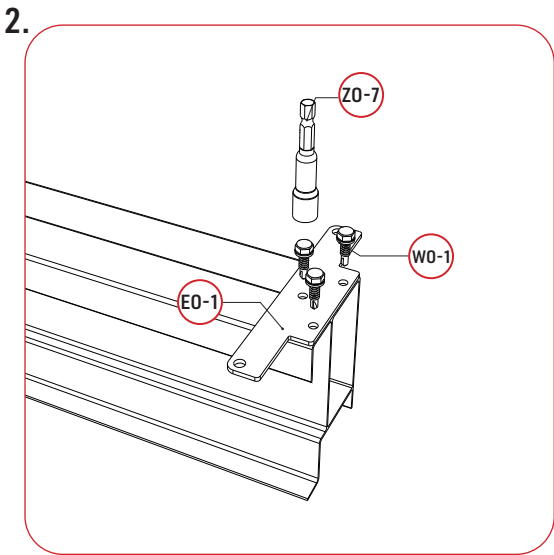
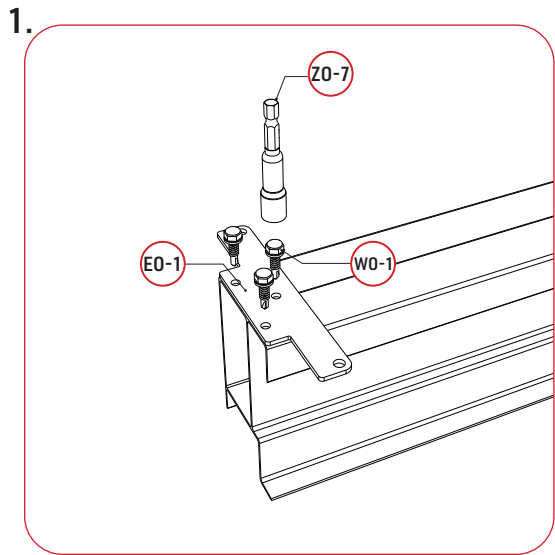
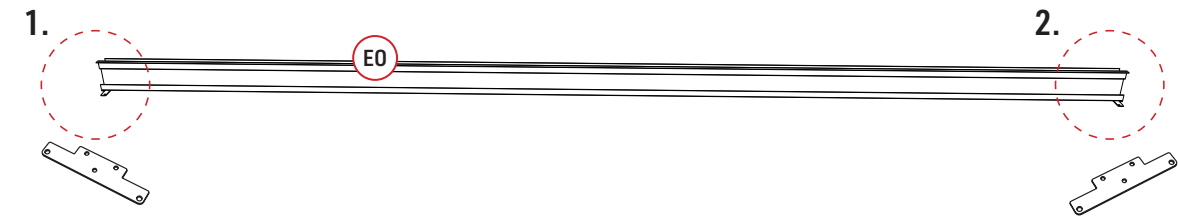
E0		1
----	--	---

E0-1		2
W0-1	 	6
X0-3	 	4

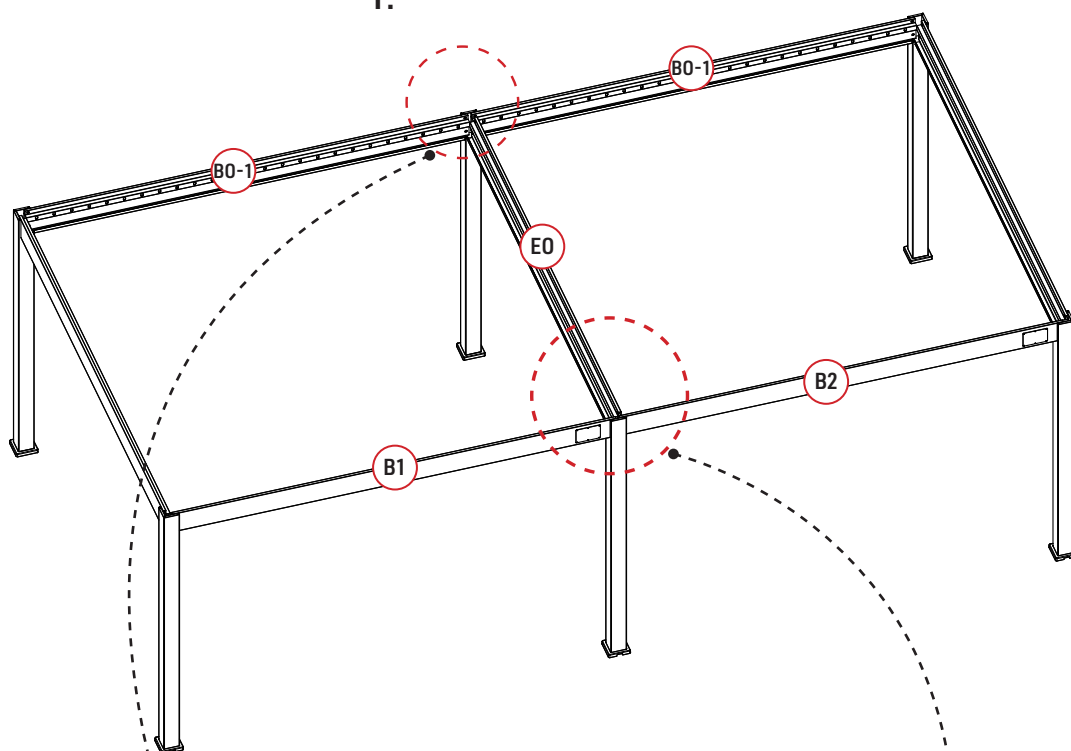
Z0-1		1
Z0-2		1
Z0-7		1



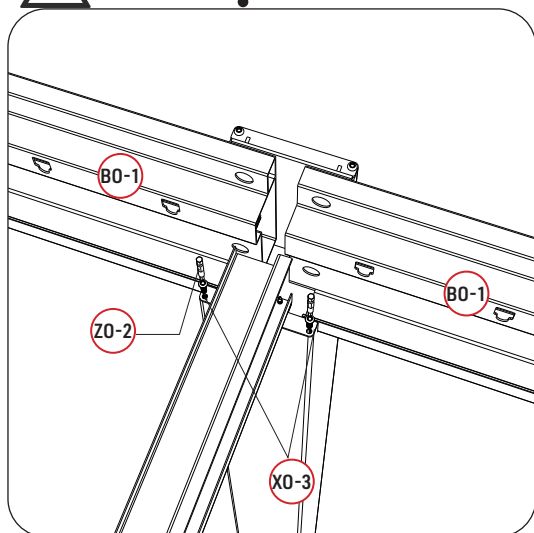
Connect beams to columns



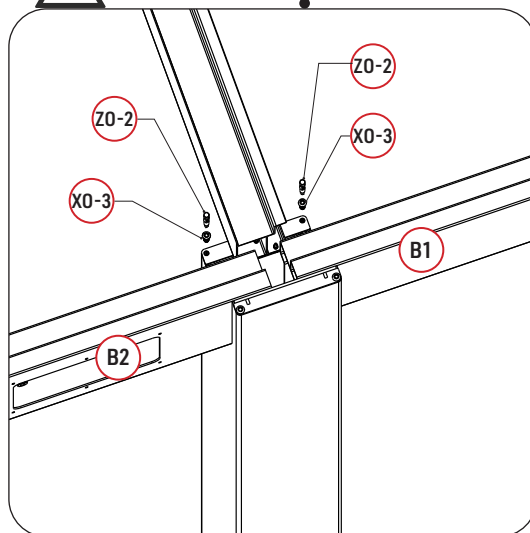
1.










1.



2.

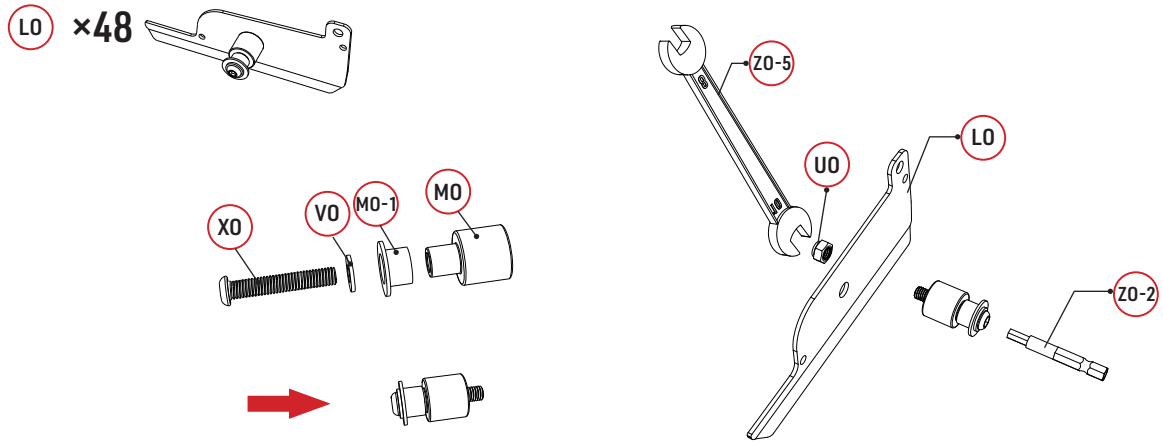


L0		48	M0-1		98	V0		98
L0-1		50	X0		98			
M0		98	U0		98			
				lock nut				

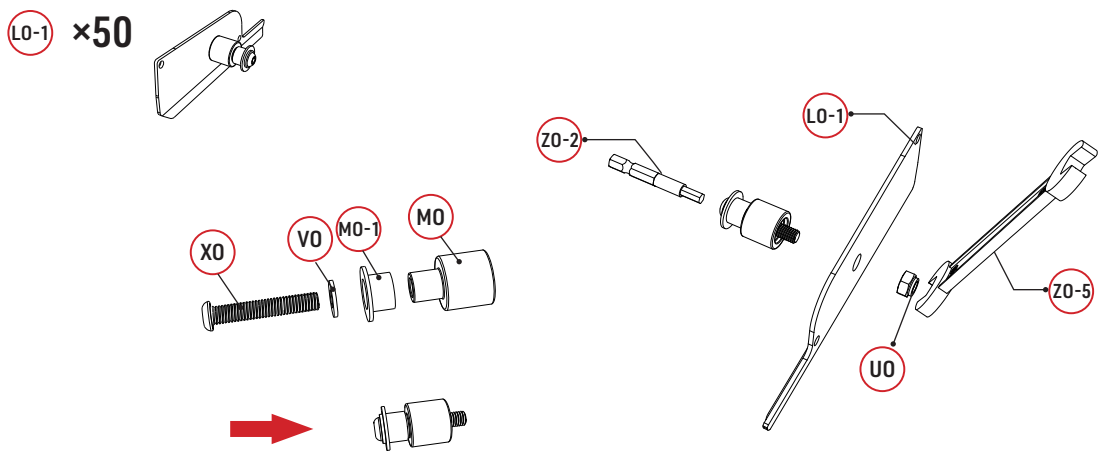
Z0-1		1	Z0-5		1
Z0-2		1			


Note: To avoid any broken of the plastic parts(M0), when use the pistol drill, please reduce the twisting force of it .






Louver sealing plate






Louver sealing plate



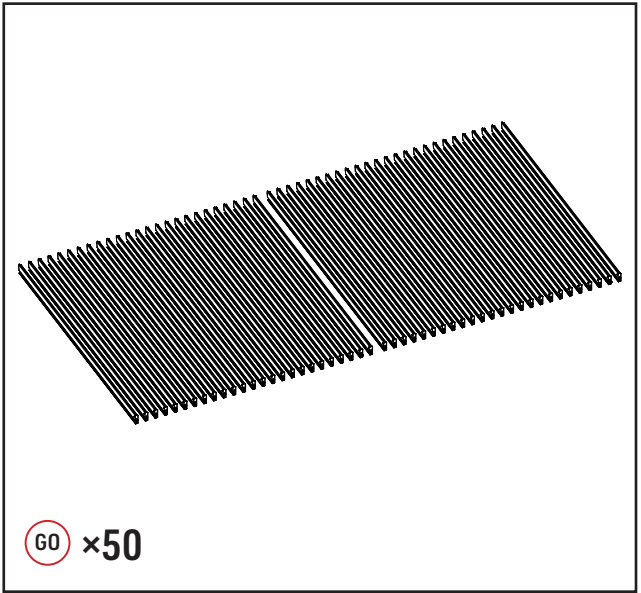
G0		50
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K0		2
L0		48
L0-1		50
W0	 	200

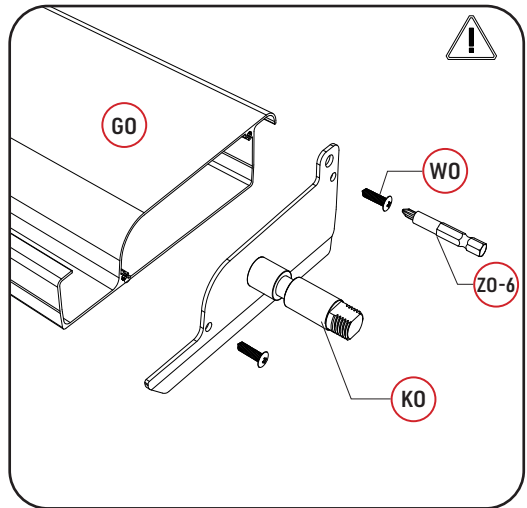
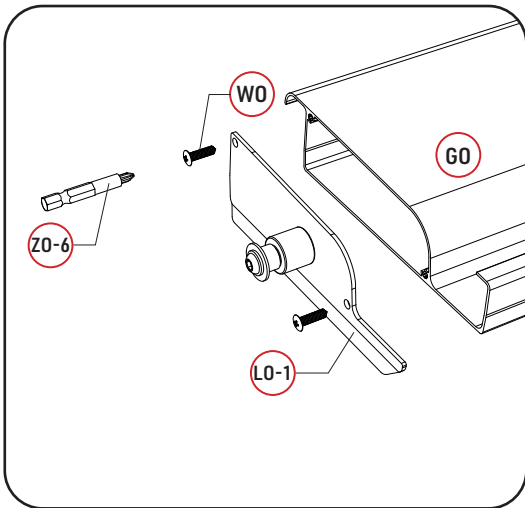
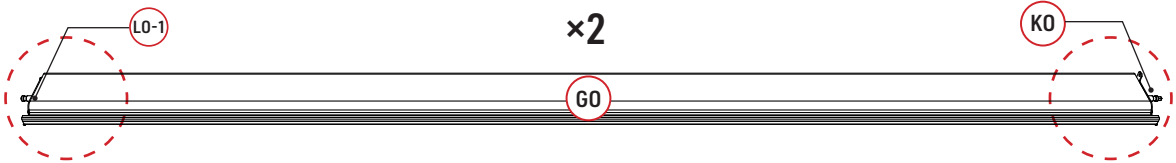
Z0-1	 4mm	1
Z0-2	 4mm	1
Z0-6	 PH2	1



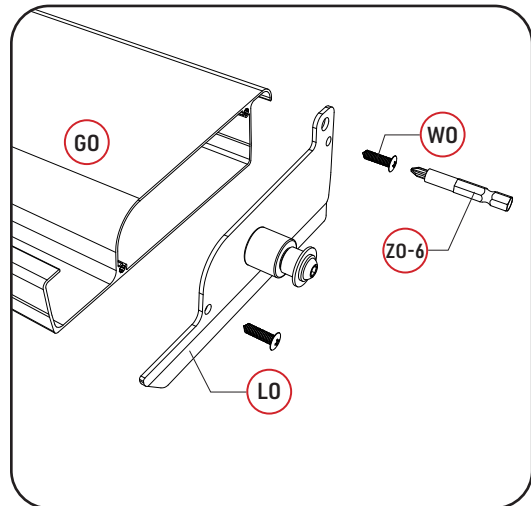
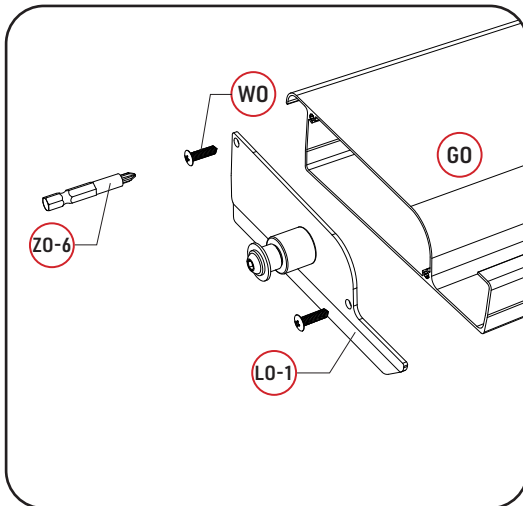
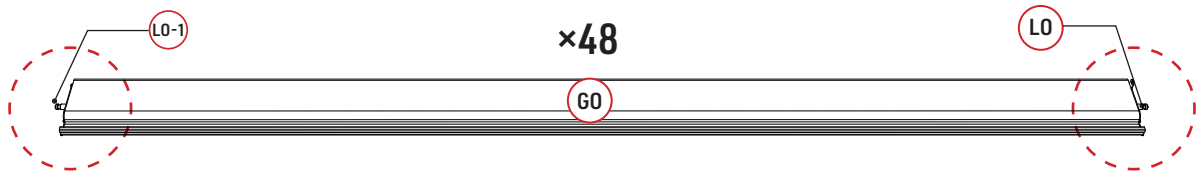
G0 ×50

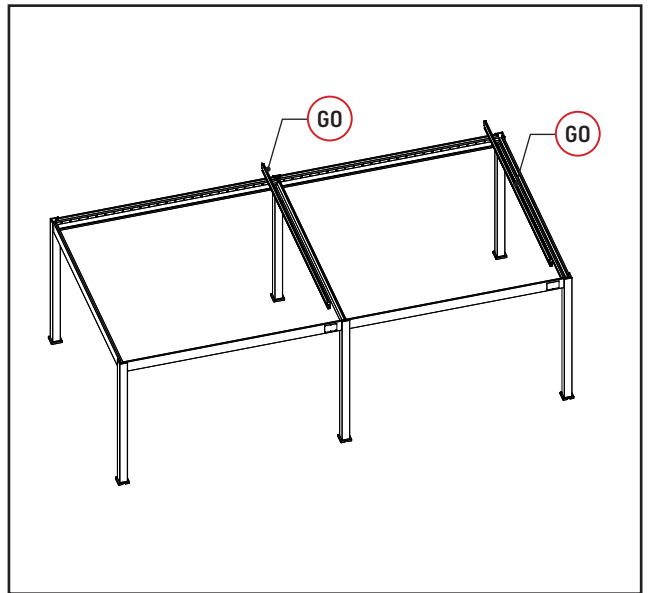


Connect end caps with the MAIN louvre

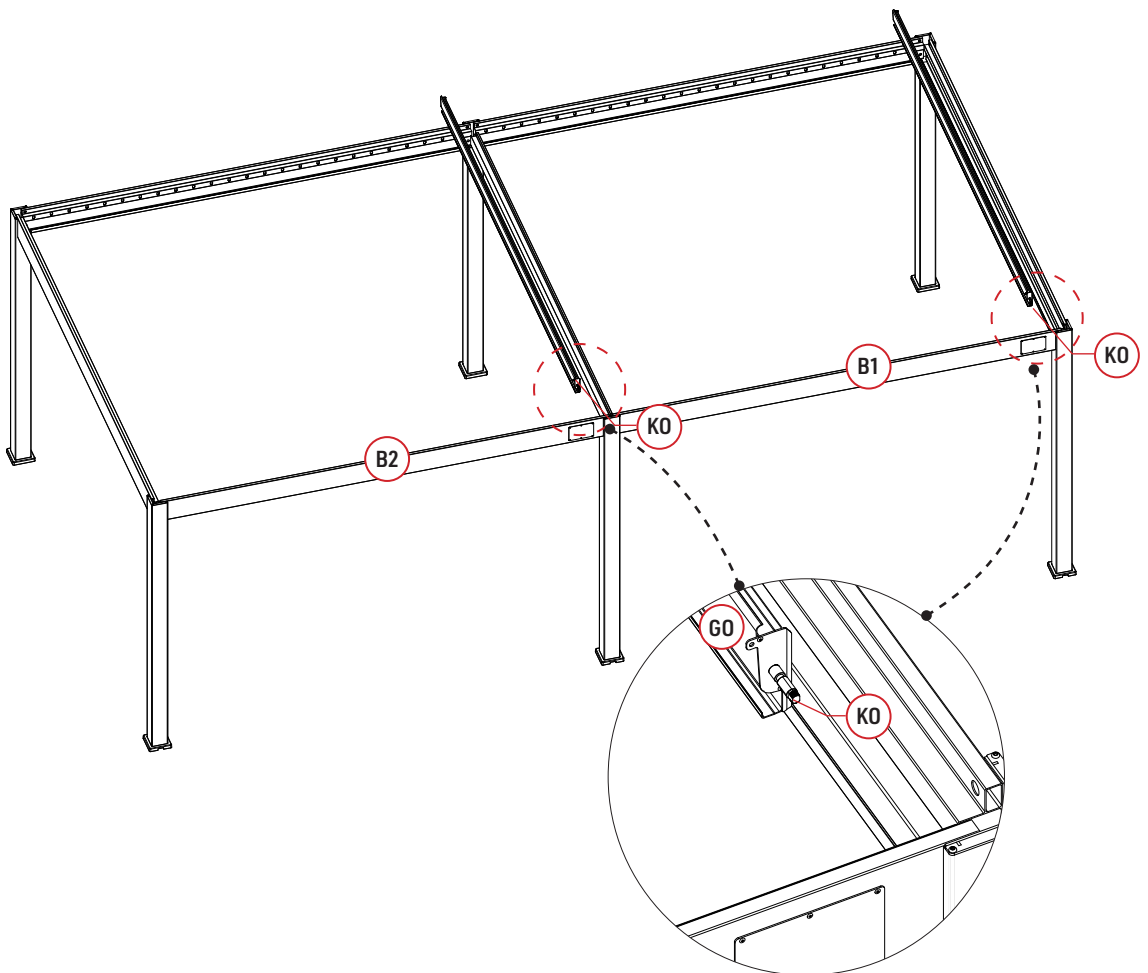


Connect end caps with the rest louvers

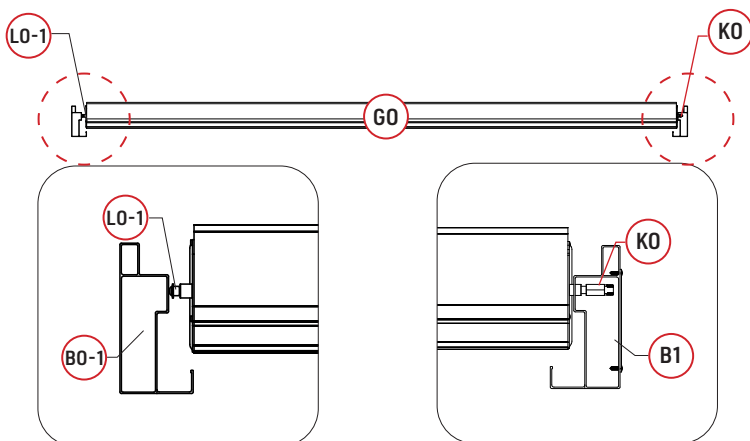
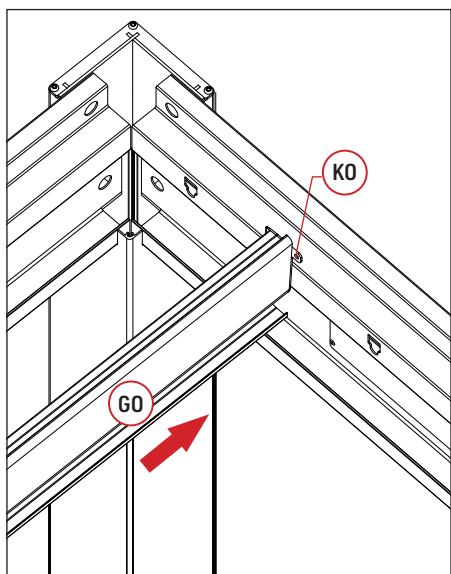




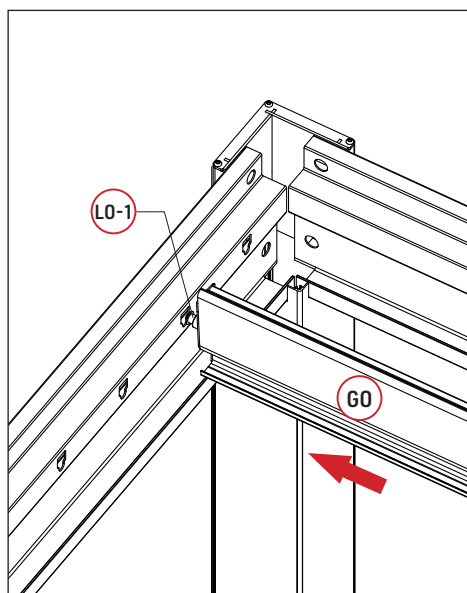
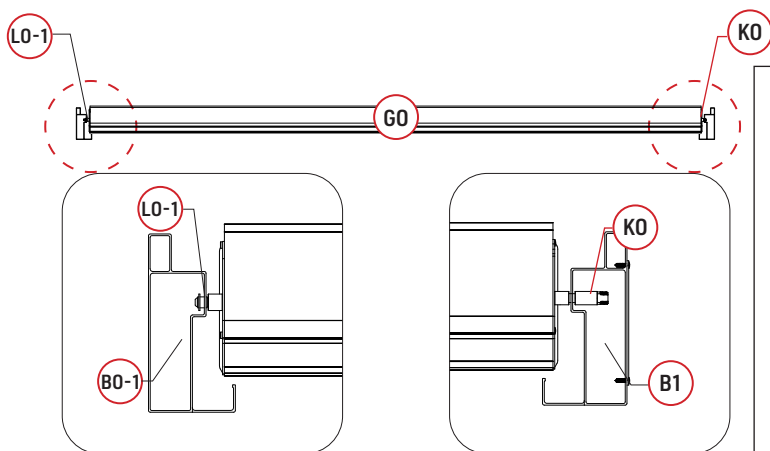
Fasten rubber plugs on both ends of the louvers

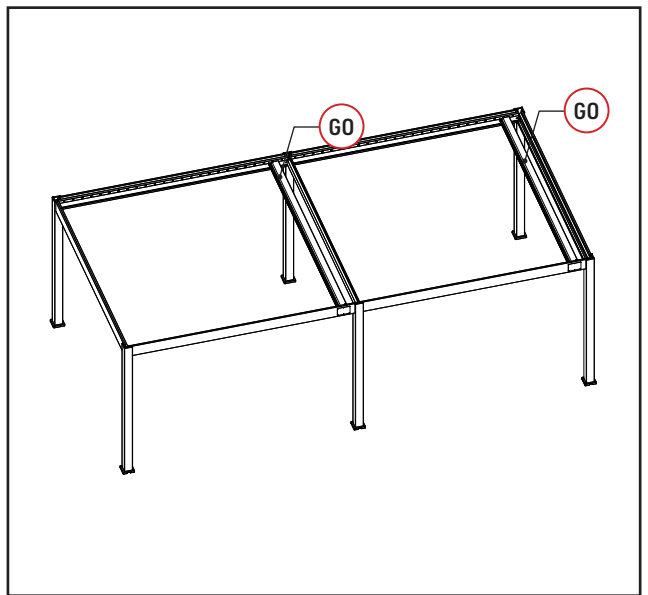


1

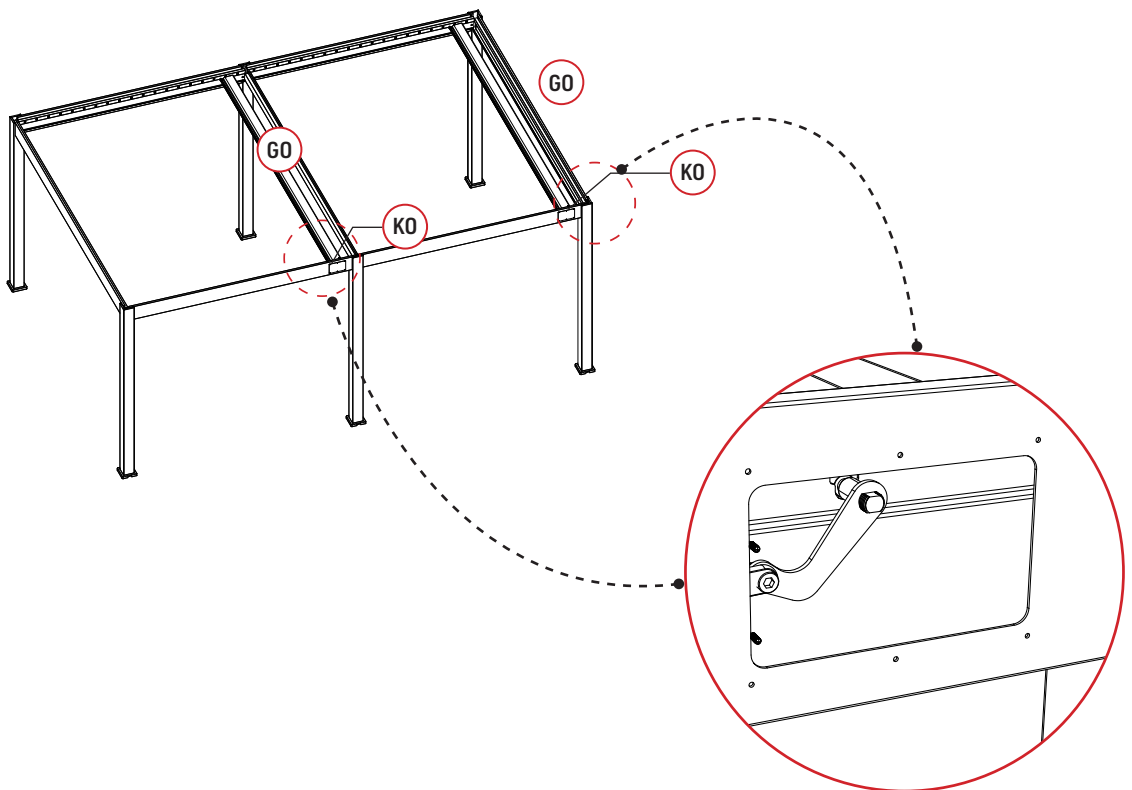


2

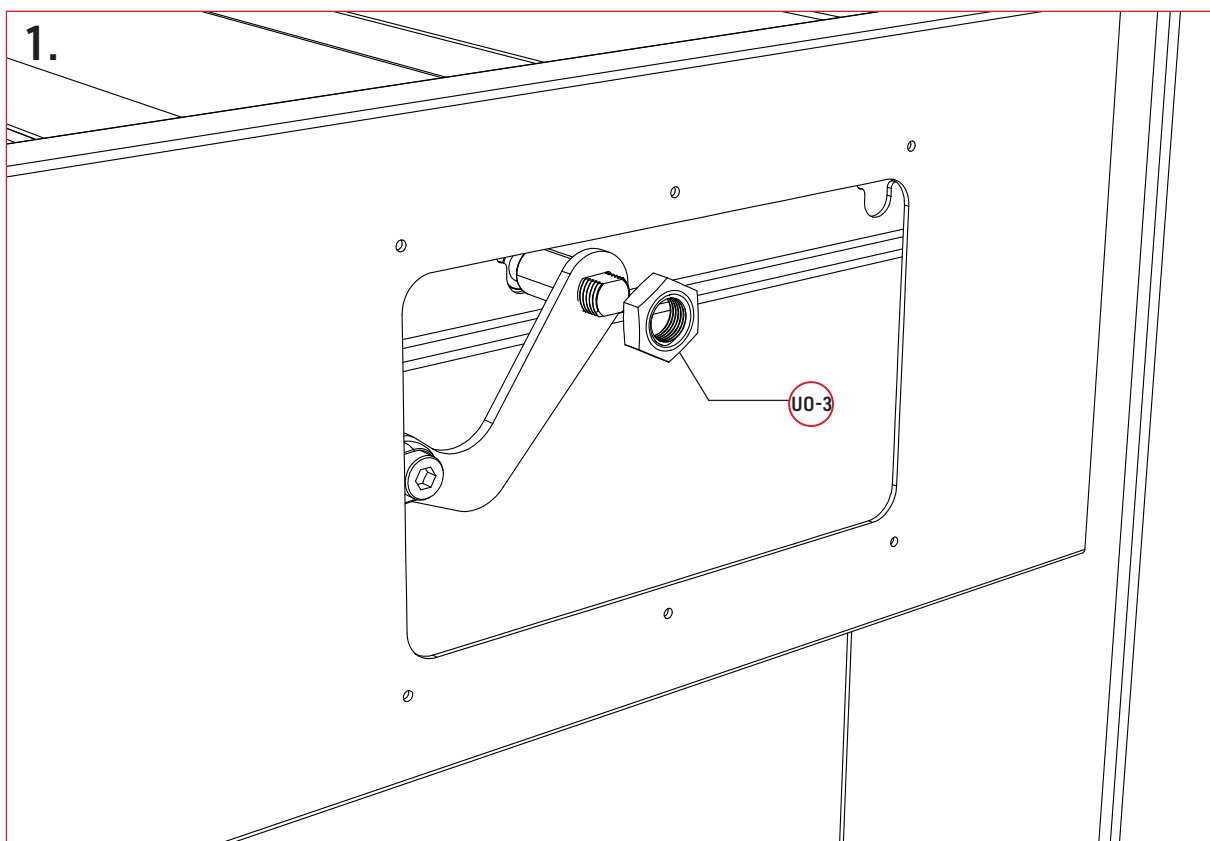




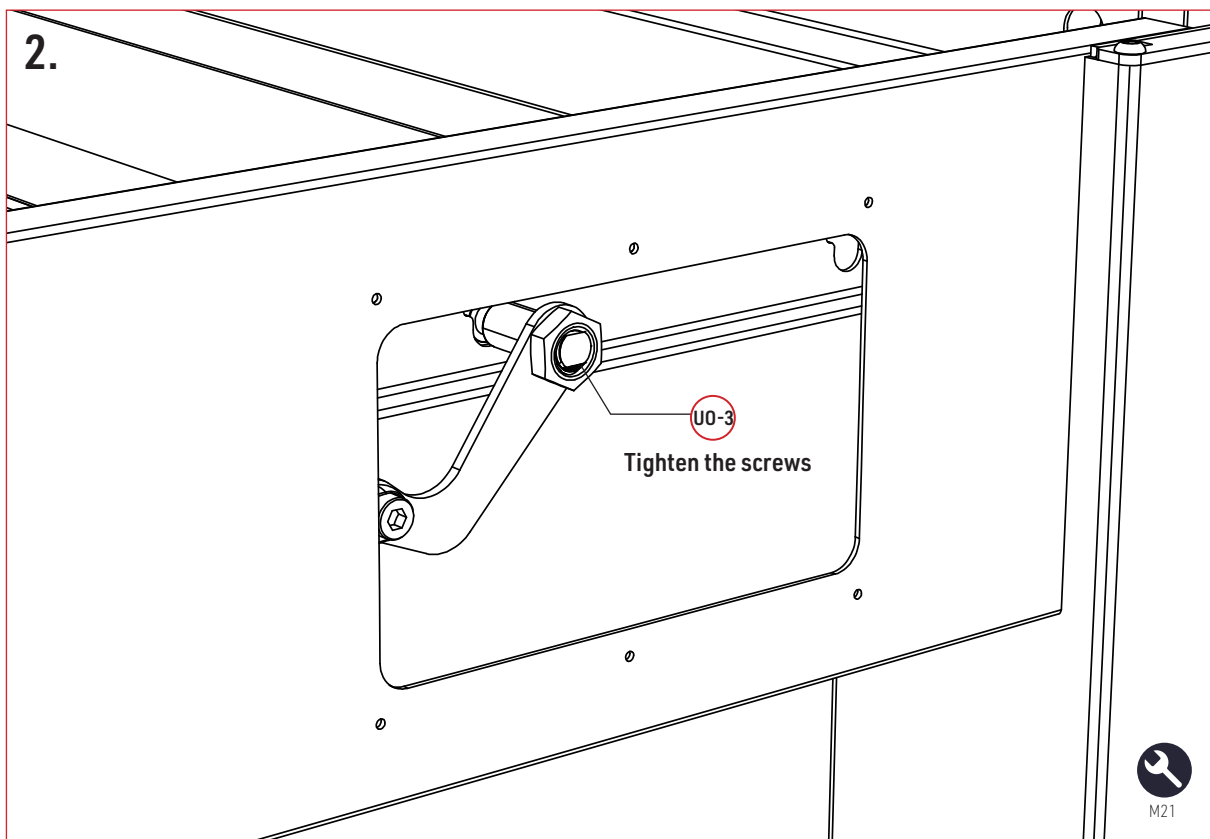
Make the louver flat, then connect the motor rocker arm to the spindle



1.

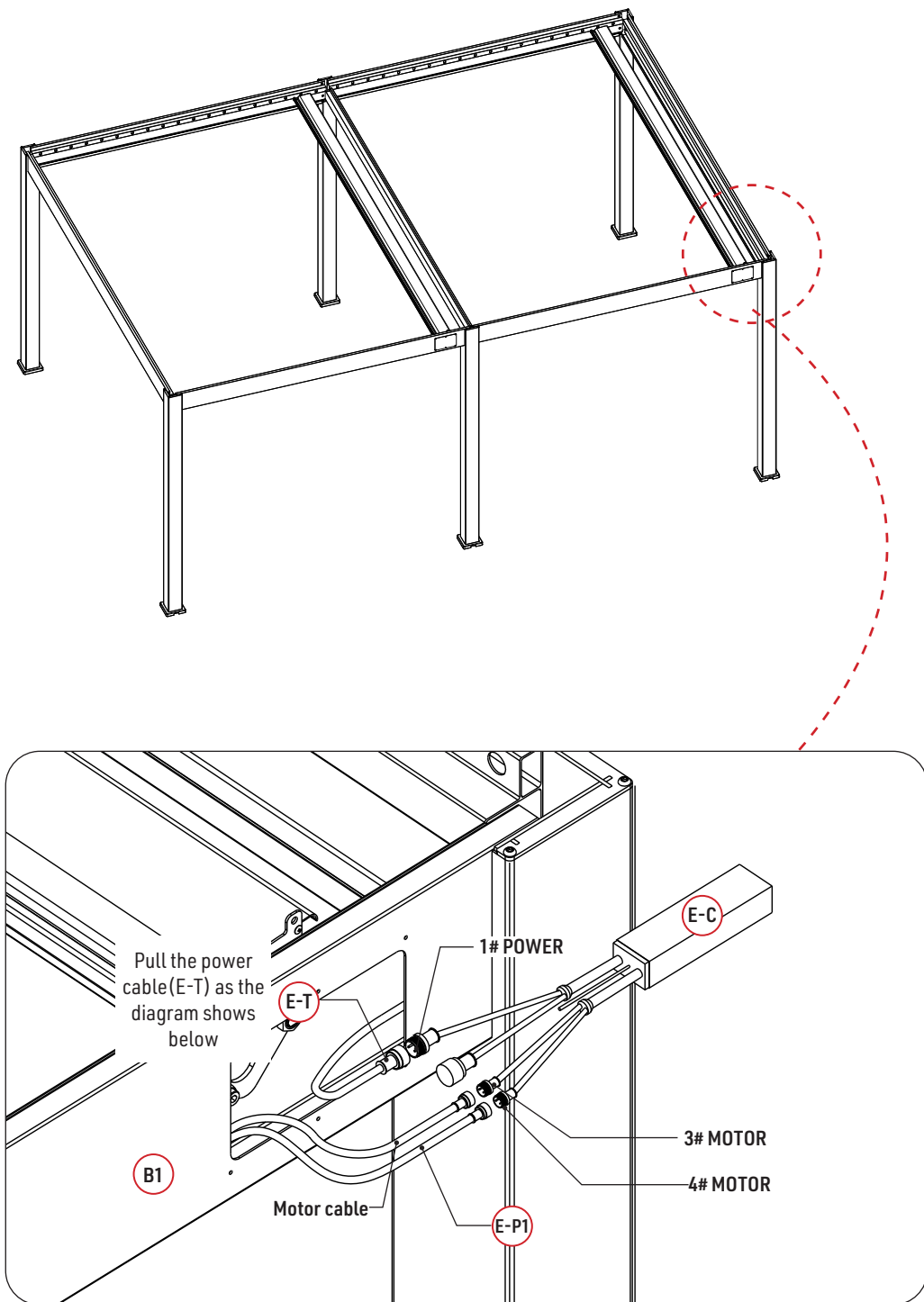


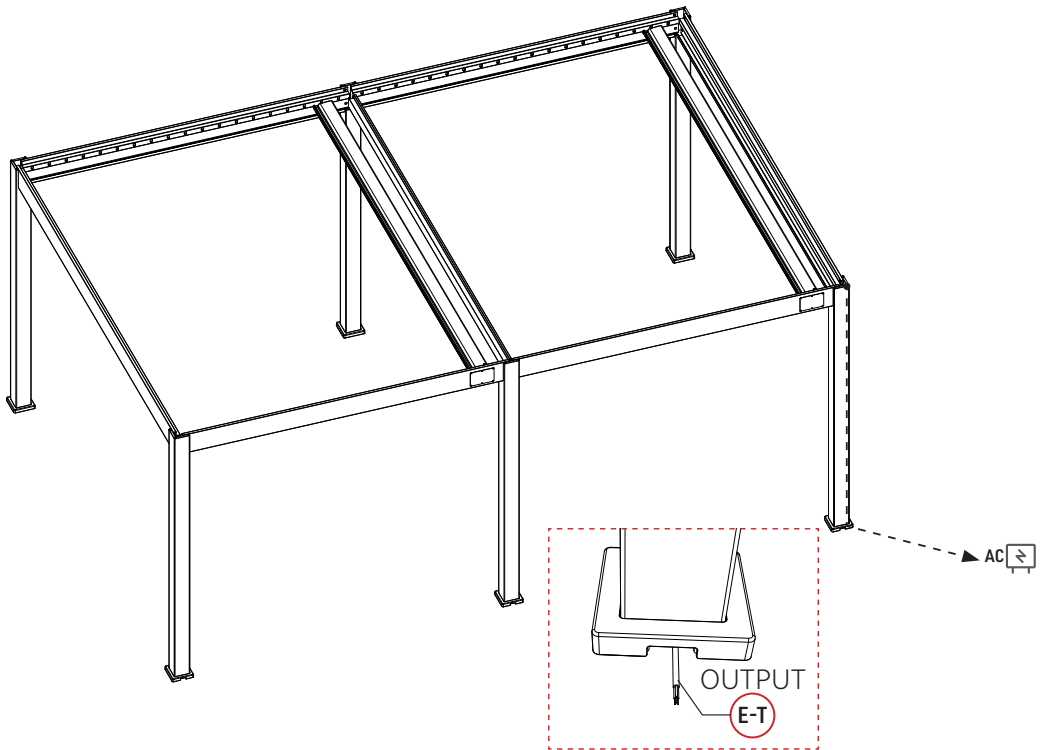
2.



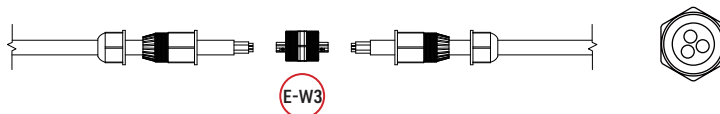
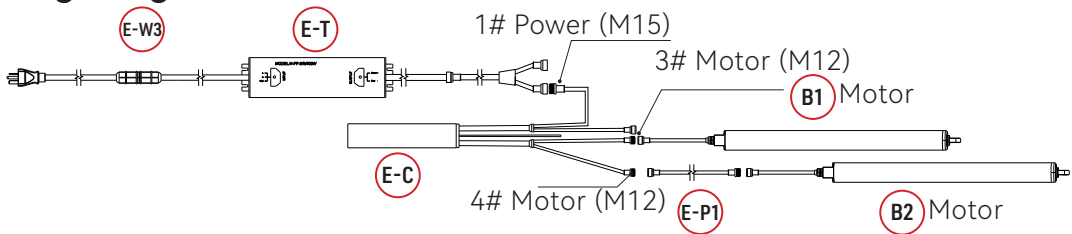
Pull the E-T extension line as the diagram shows below, then connect the extension line with the 1# line of the E-C.

Connect the 3# line of the E-C with cable of the motor
Connect the extension line(E-P1) with the 4# line of the E-C

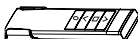




Wiring Diagram

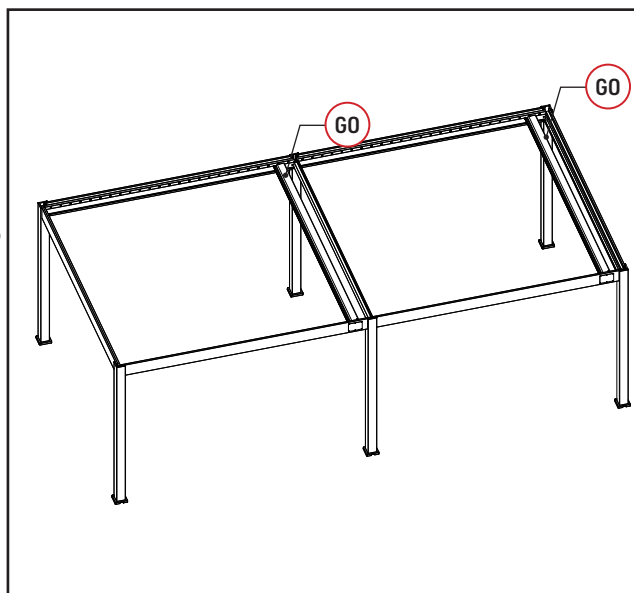


There are 3 cables at the input end of the power, namely:
 Brown: LIVE WIRE
 Blue: NEUTRAL WIRE
 Yellow & Green: EARTH WIRE

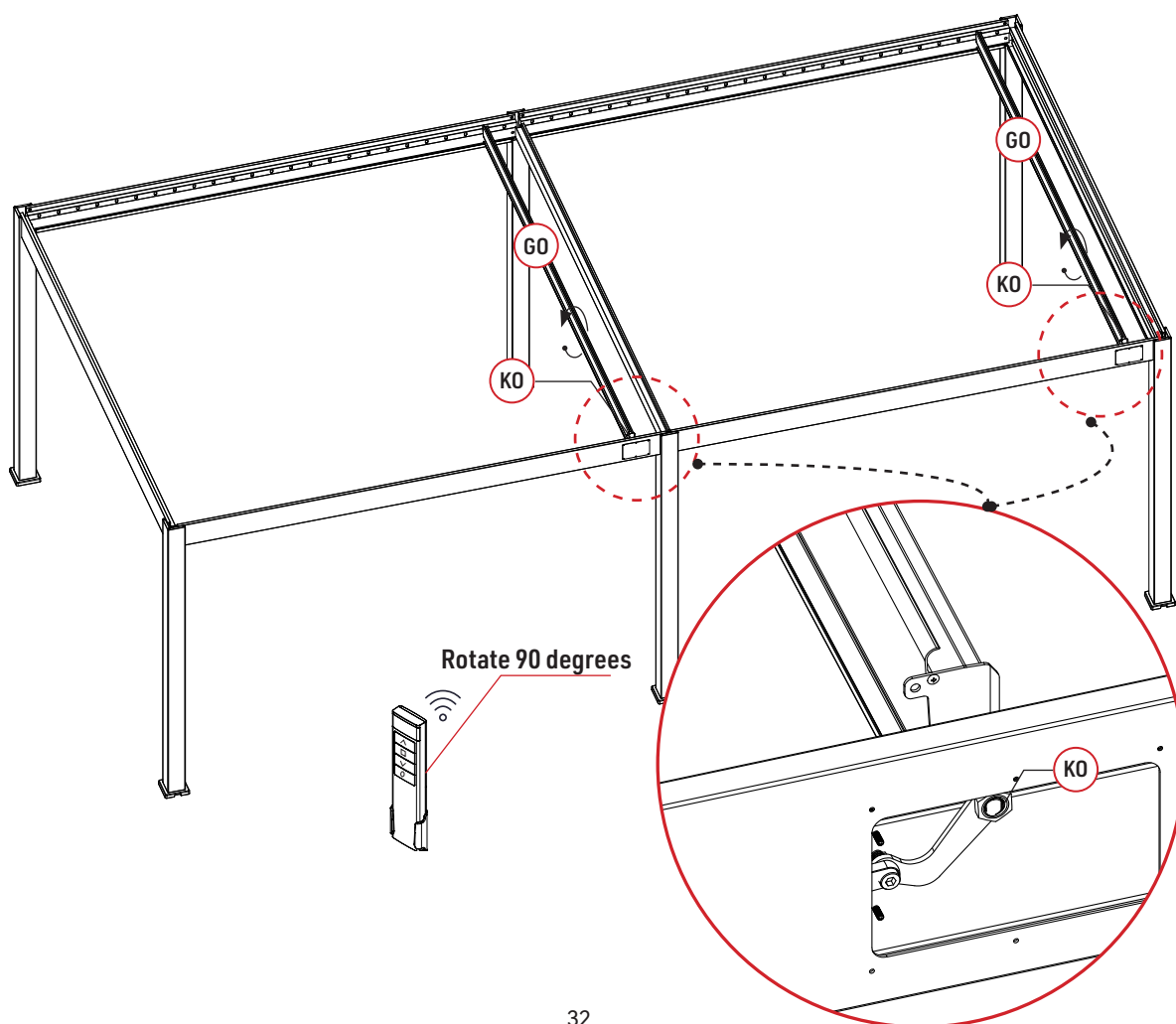
E-R		1
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Install the battery(purchase seperately) into the remote control(E-R)

Tip. The battery modle we suggest is CR2032.



1. Check if the motor can work well, if not, please firstly check if the wiring in previous steps is correct.
2. When the motor works well, please rotate the main louvre to 90 degree, then install the rest louvres.



If the remote control cannot work, please first check whether the power is turned on and whether the indicator light of the remote control can light up.

There is no problem with the above check, please re-match the remote control.

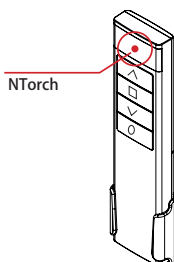
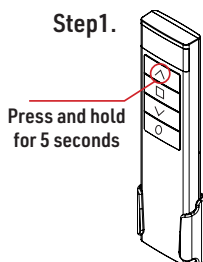
1.Plug in the power, then press 'UP' and 'DOWN' bottom on the controller to see if the main louver move well.

2.If the main louver doesn't move, check the connection – if all connection are done well, it might because the remote controller didn't paired to remote well , then try 'paring' process.

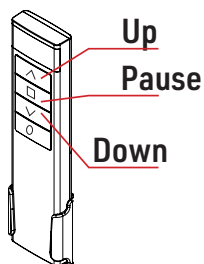
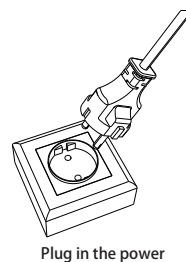
3.'Paring' process:

1) Press the 'UP' bottom on the controller, hold the bottom for 3-5 seconds until the indicator light turn solid.

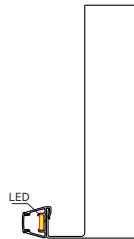
2) Plug in the power while press the 'UP' bottom, when a slight vibration appears on the main louver, press again 'UP' bottom then you get them paired.



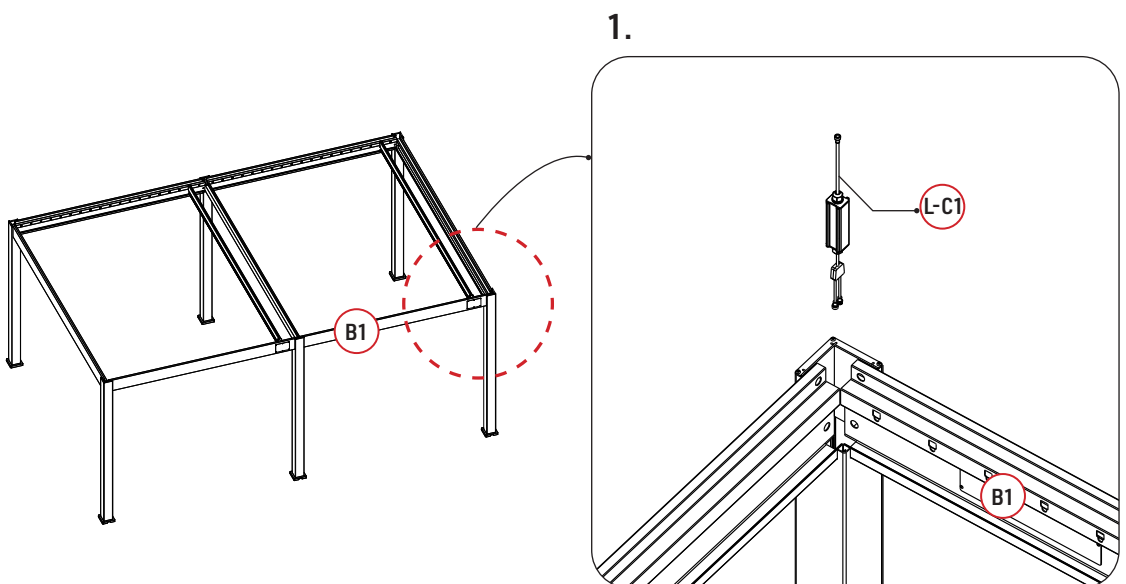
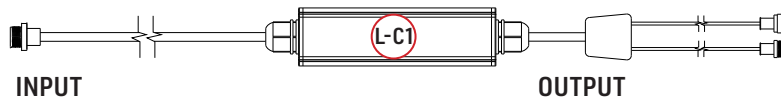
Step2.



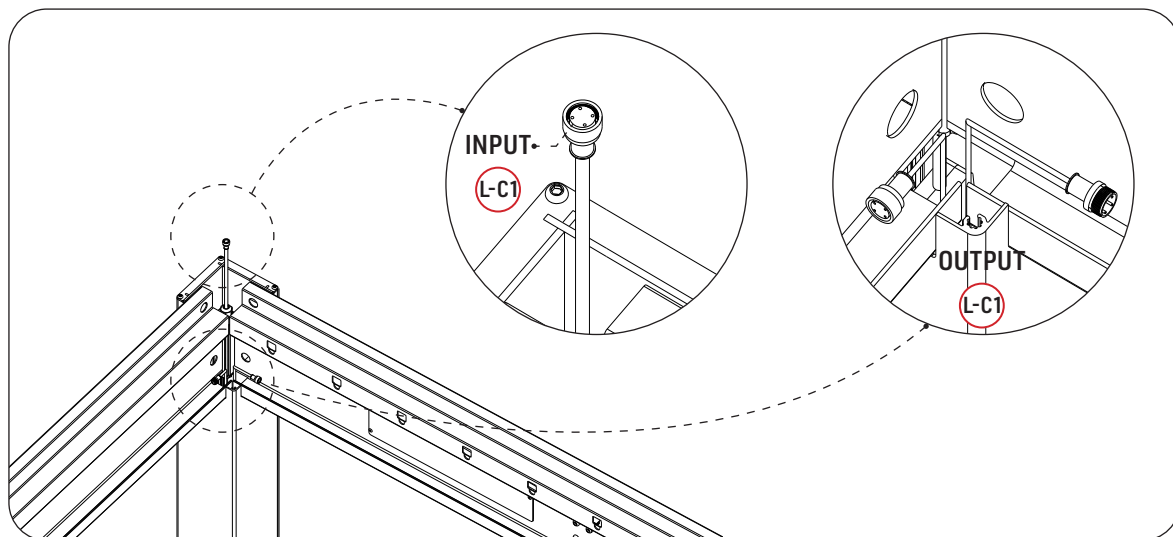
Insert the LED strip into the gutter



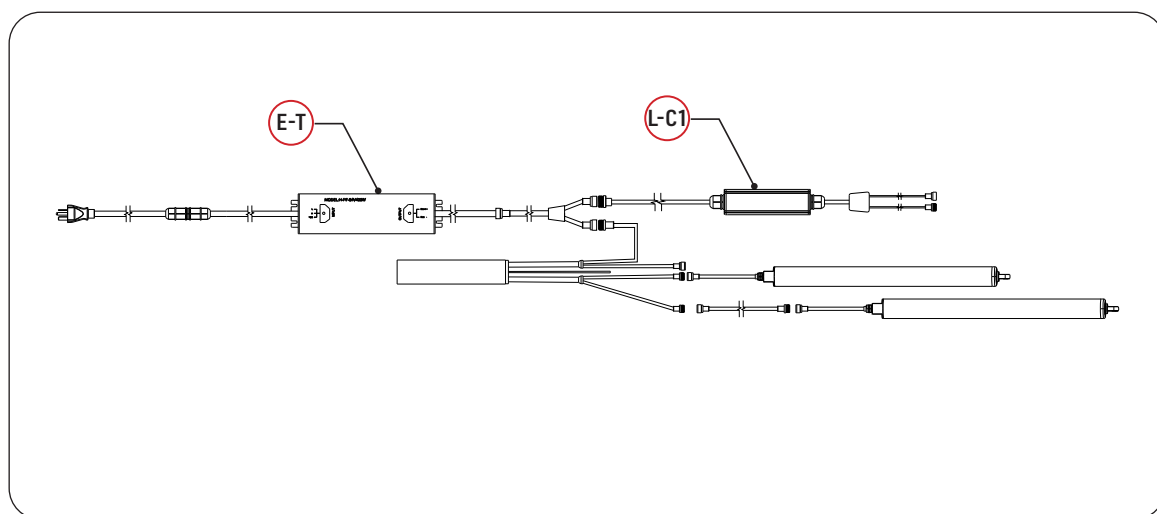
Put the output line of the LED controller(L-C1) into the cavity of the post.



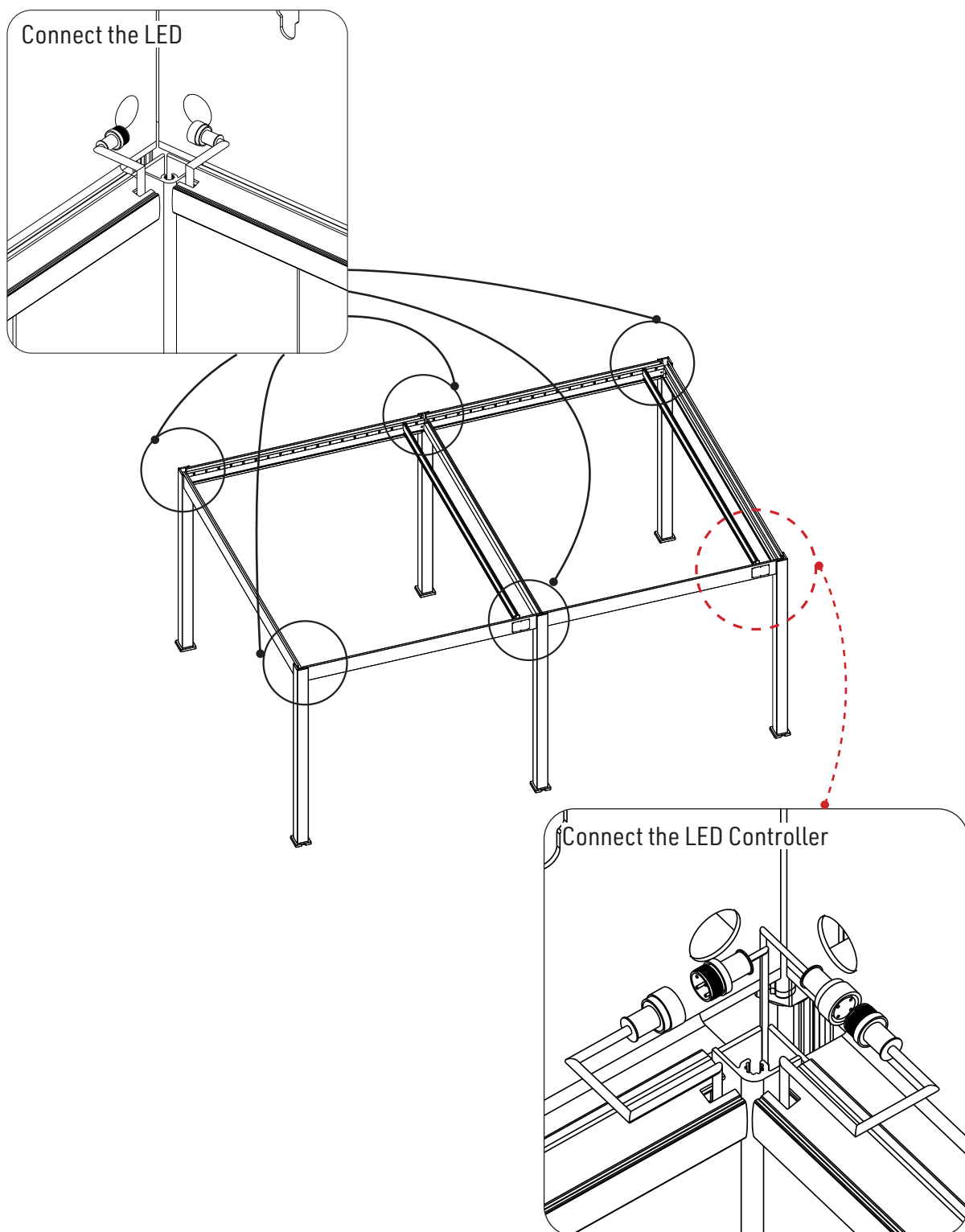
Please note that the Input End of the LED controller should be in the upward direction while the Input End should be in the downward direction.
For the two cable of the Output End, please pull them from the drainage notch by using the supplied brush.

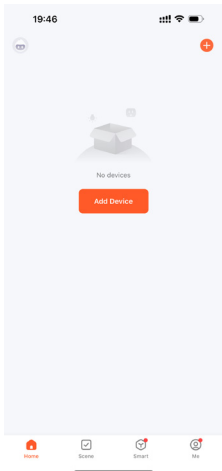


Connect the Input line of the LED controller(L-C1) with the LED of the E-T.

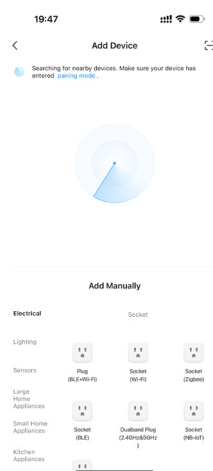


Install all LED strip in series, then connect the two ends of the LED strip with the two output line of the LED Controller(L-C1)

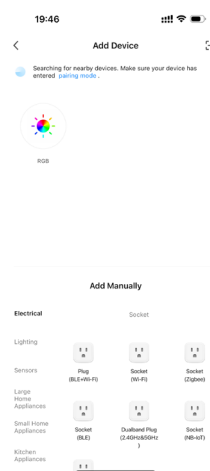




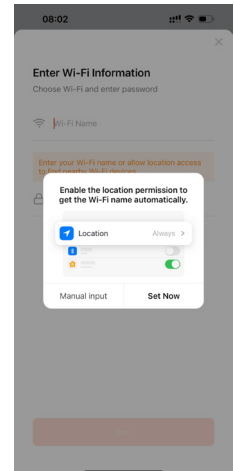
Press 'Add Device'



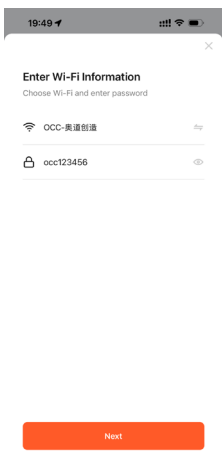
The program start searching for nearby applications automatically which will take for a while.



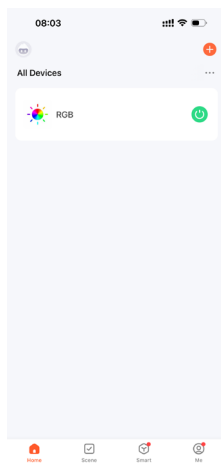
You will find the RGB light icon, press.



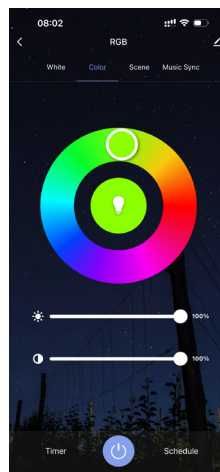
Press 'Set Now' and 'Always allowed'



Select your WIFI and input Password.



You will see the RGB light connected to your app.



Press the Icon then you will be able to change the color and strength of lights.

In case we have to deliver a RGB remote controller, please follow below process to set up:

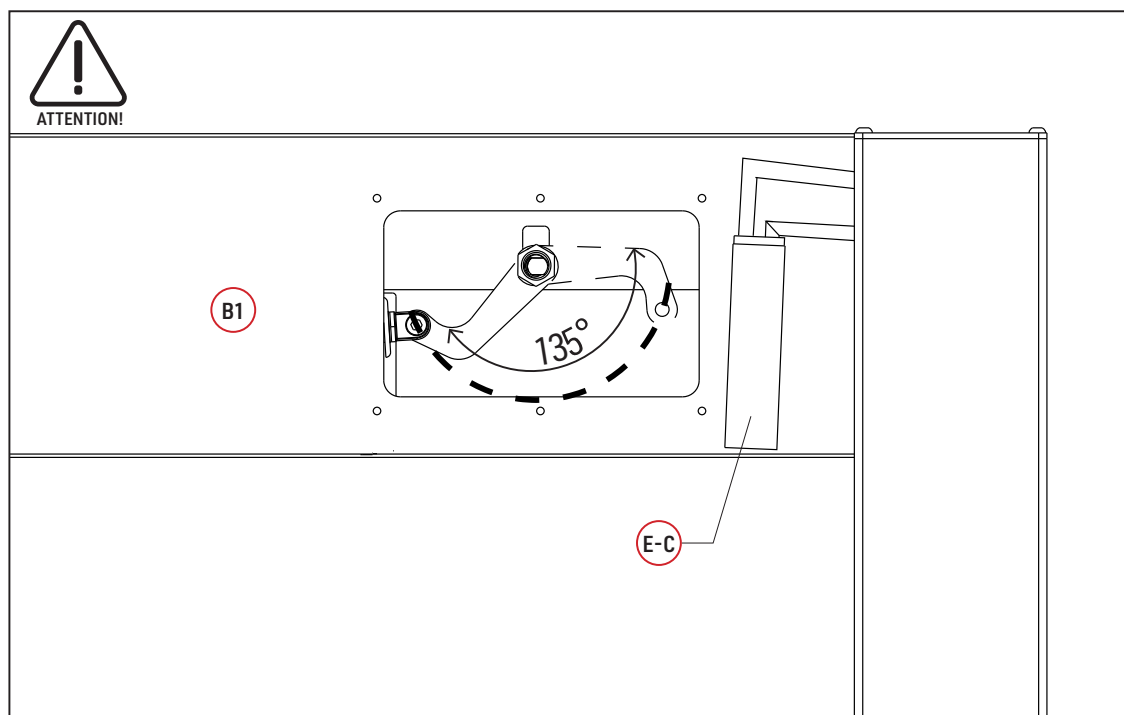
1. Check if there are battery inside the controller. Keep your general remote controller (white one) with you.
2. Plug in power, then press bottom ' LED switch' on general remote controller for 3 times (1s between click).
3. Press the on/off button on the RGB light controller (black one) for 3 times (0.5s between click), after 2-3 seconds you will see a flashing of RGB lights, which means pairing completed. If it doesn't work, try above progress again – sometimes you need to repeat 3-4 times.



RGB remote controller

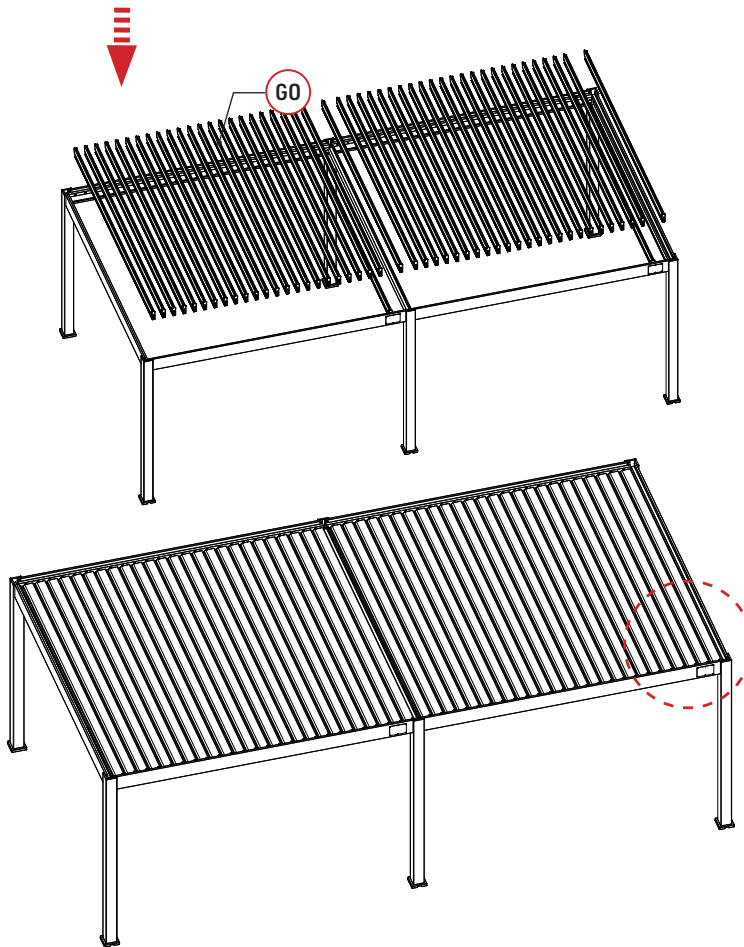
After connecting all cables and adjusting of LED strip, louver rotation, please put the Controller(E-C) into the cavity of the beam(B1) as the diagram shows below.

To avoid any struck of cables, please note that the Controller(E-C) and all cables should be keep away from the movement range of the Motor's swing arm.

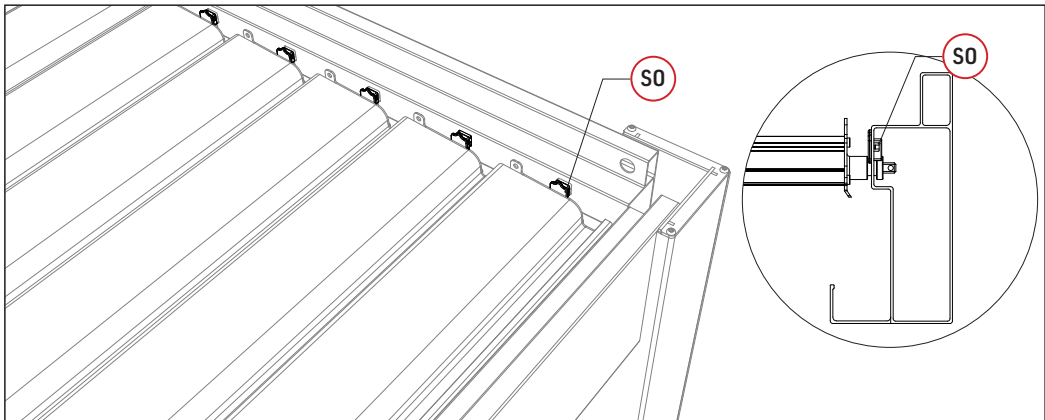


1. Install other louvers on the beam and make the louver flat
2. Cover the screw head with plastic caps






1






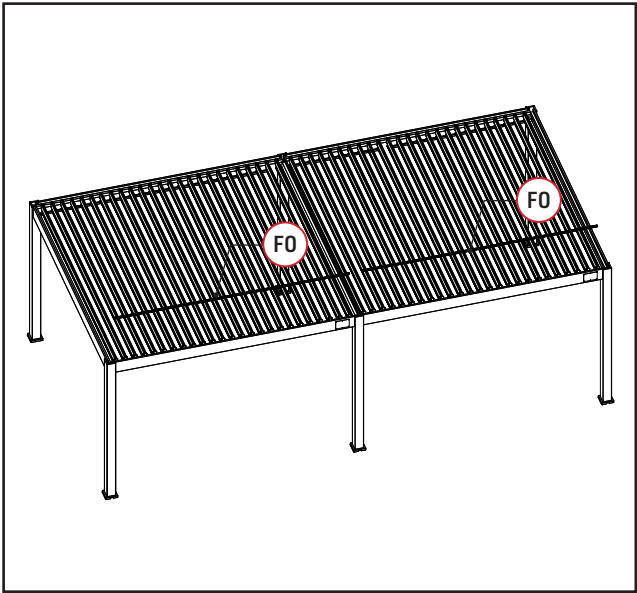
2



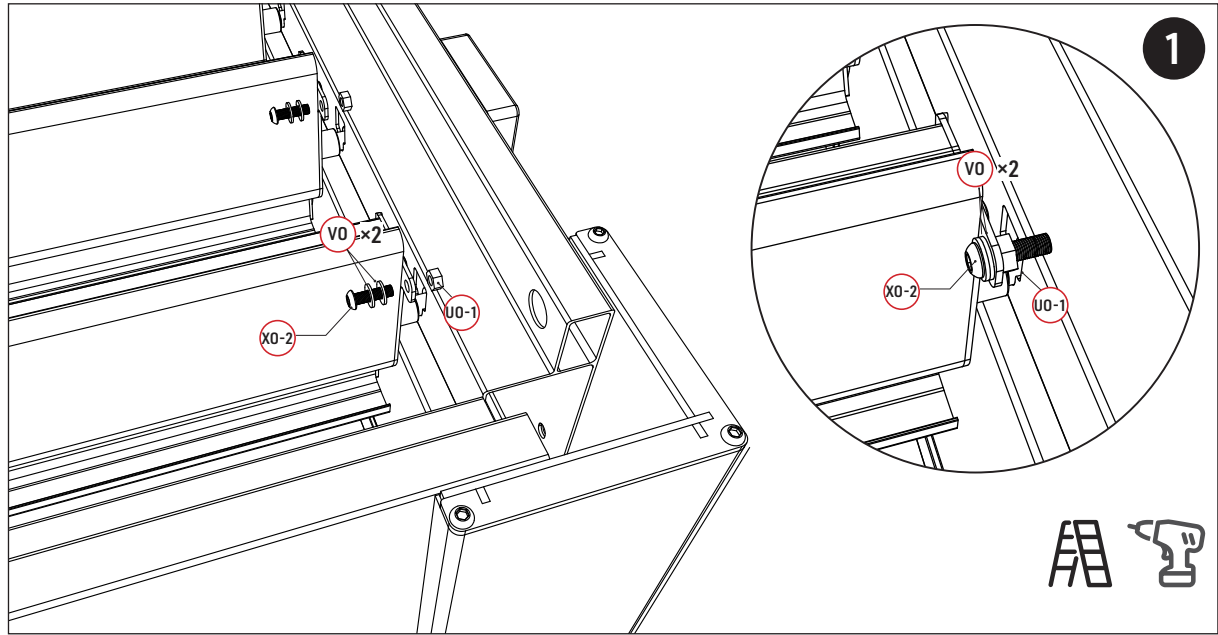
F0		2
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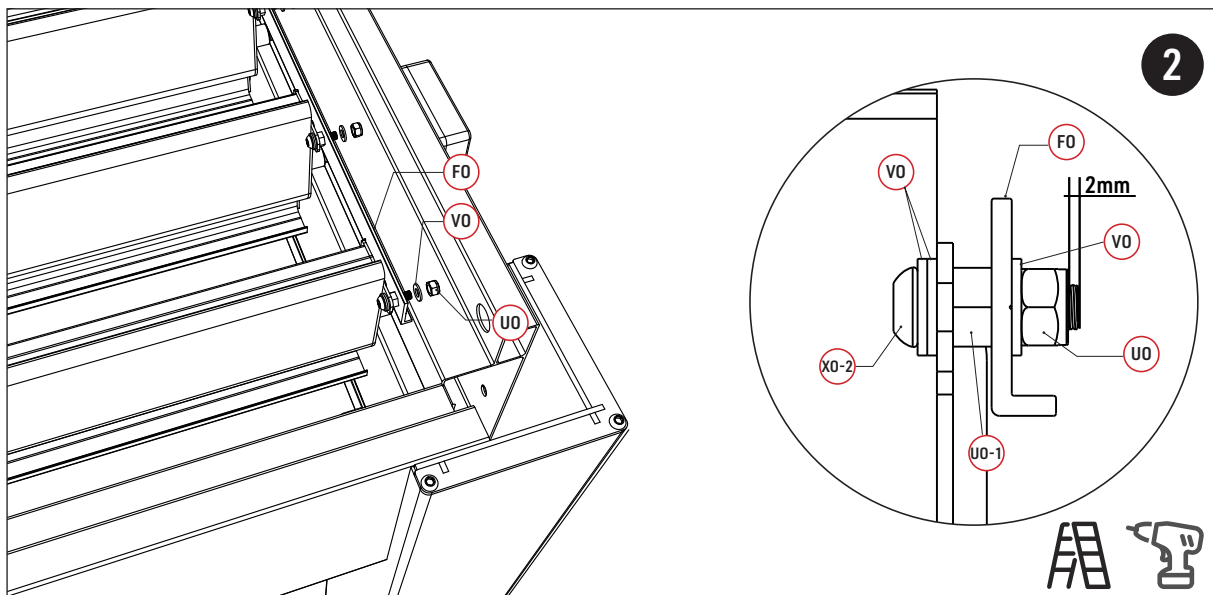
X0-2	 6x20  4mm	50
V0		150
U0	 lock nut	50
U0-1	 plastic nut	50



Z0-1	 4mm	1
Z0-2	 4mm	1
Z0-5	 10mm	1

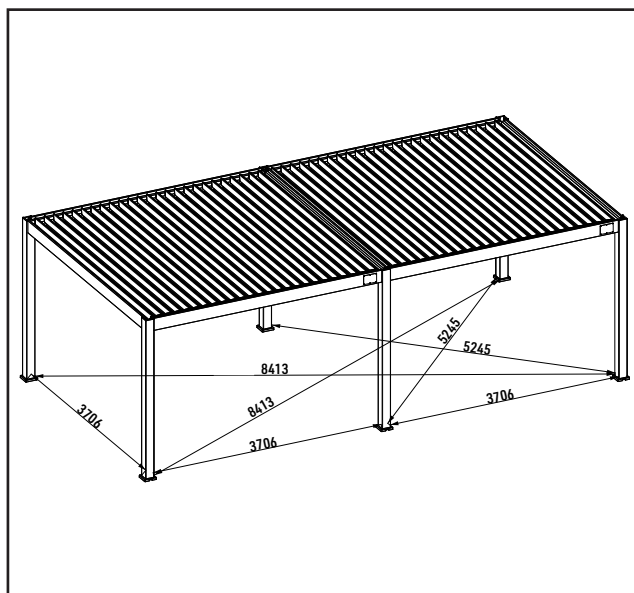


Install the connecting bar



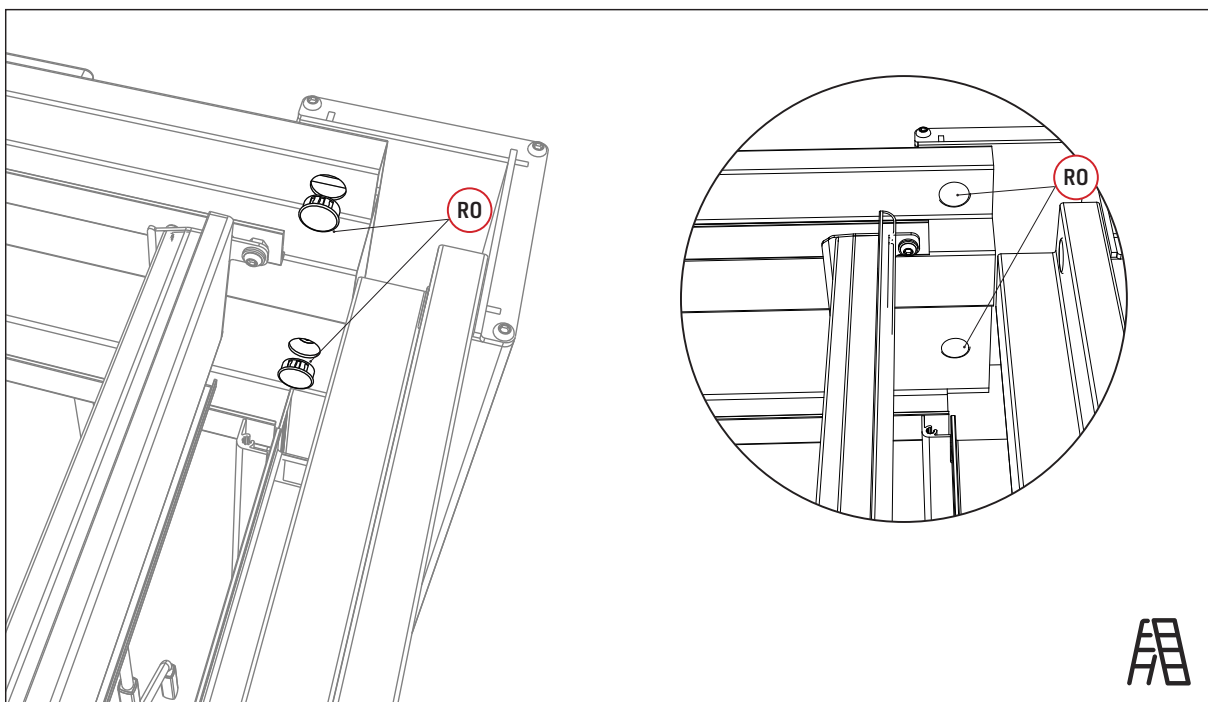


R0		24
T0		24

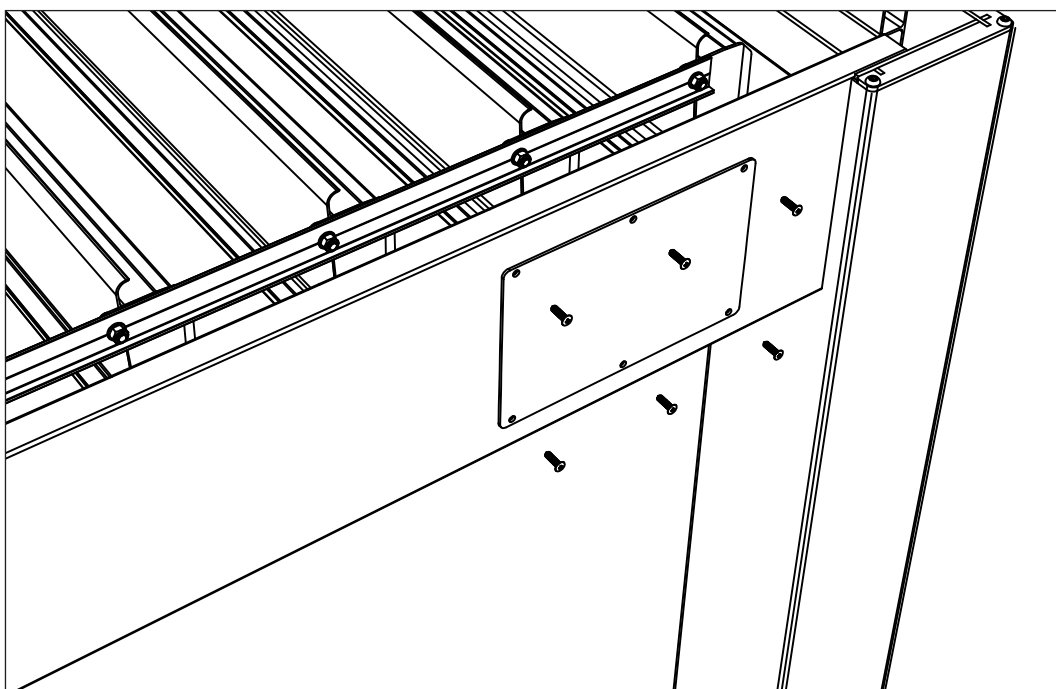


Cover the screw head with plastic caps

1



2



3



Please check all footing dimension are correct, then fix all base plates.

