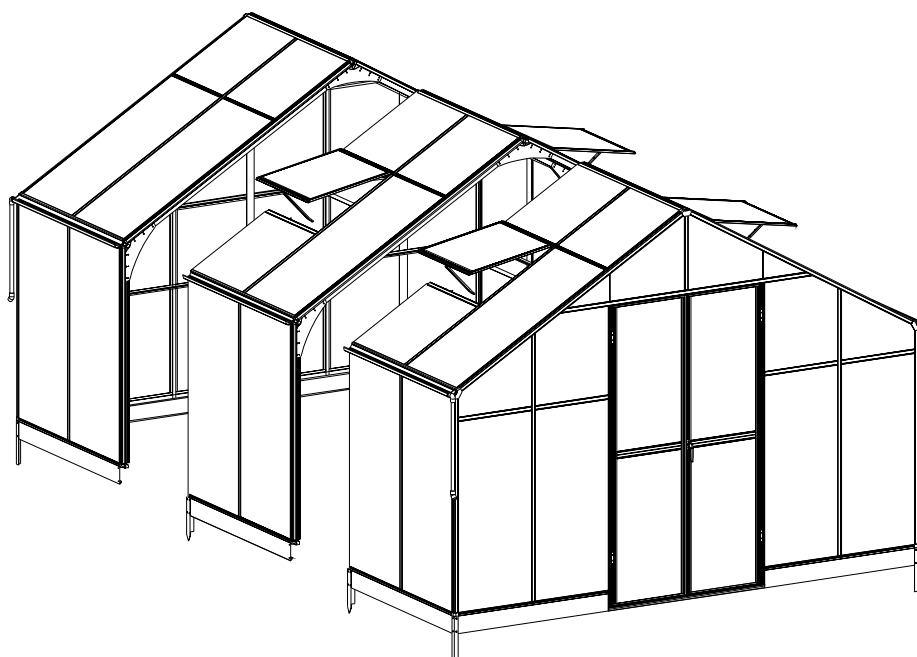


4.5' EXTENSION FOR 12' X 12' GREENHOUSE, 9' HEIGHT , ALPINE SERIES



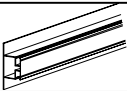
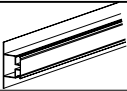
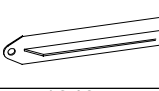
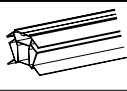
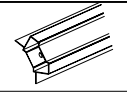
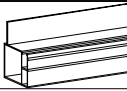
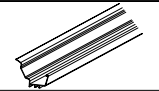
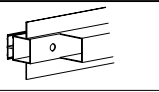
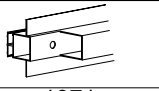
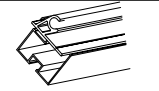
⚠ WARNING



- Please read and understand the product manual completely before assembly
- Check against the parts list to make sure all parts are received
- Wear proper safety goggles or other protective gears while in assembly
- Do not return the product to dealer. They are not equipped to handle your requests.

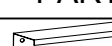
Missing parts or have questions on assembly?

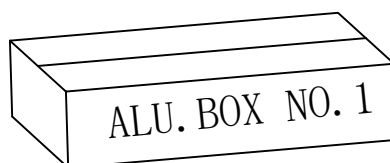
Please call: 1-877-761-2819 or email: cs@tmgindustrial.com

	PART	NO	QTY
1	 1475mm	L02A	2
2	 1971mm	L02B	2
3	 657mm	L04B	4
4	 1343mm	L05B	4
5	 1344mm	L06B	1
6	 1344mm	L07B	2
7	 1344mm	L08B	2
8	 1368mm	L09B	2
9	 1475mm	L10A	2
10	 1971mm	L10B	2
11	 680mm	L11A	2
		L12A	2
12	 648mm	L19	4
13	 680mm	L20	2
14	 680mm	L21	2

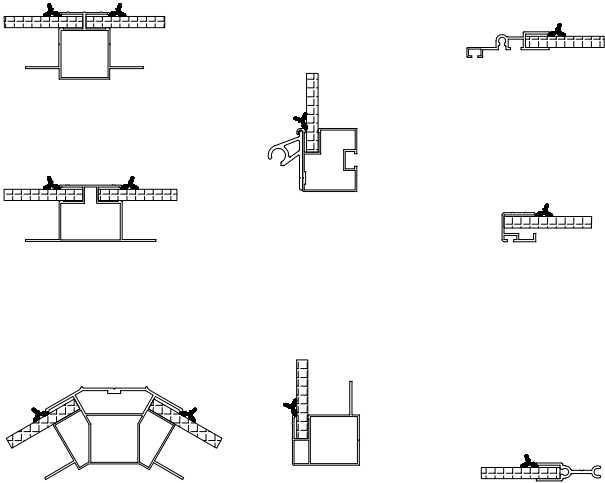
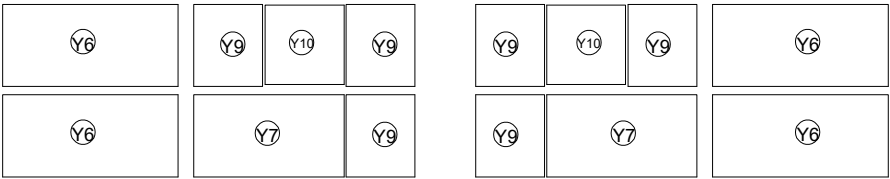
PART	NO	QTY
	S05 M6X12	12
	S105 M5X10	44
	S26 M5X12	18
	S28 M4X10	4
	S69 M6X60	4
	M03	12
	M6	
	M02 M4	4
	M05 M5	44
	Z02 Ø4X16D	12
	Z08 M4.2X16	2

PART	NO	QTY
	A03	2
	A79	2
	D05	4
	D25	2
	D26	1
	D114	4
	D329	6
	A96	2
	J169	
	A98	3
	J171	

PART	NO	QTY
 B2:1368	B2	2
	D307	2



PART	NO	QTY
	Y6	4
	Y7	2
	Y9	6
	Y10	2

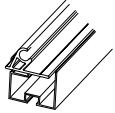
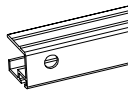
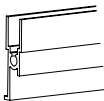


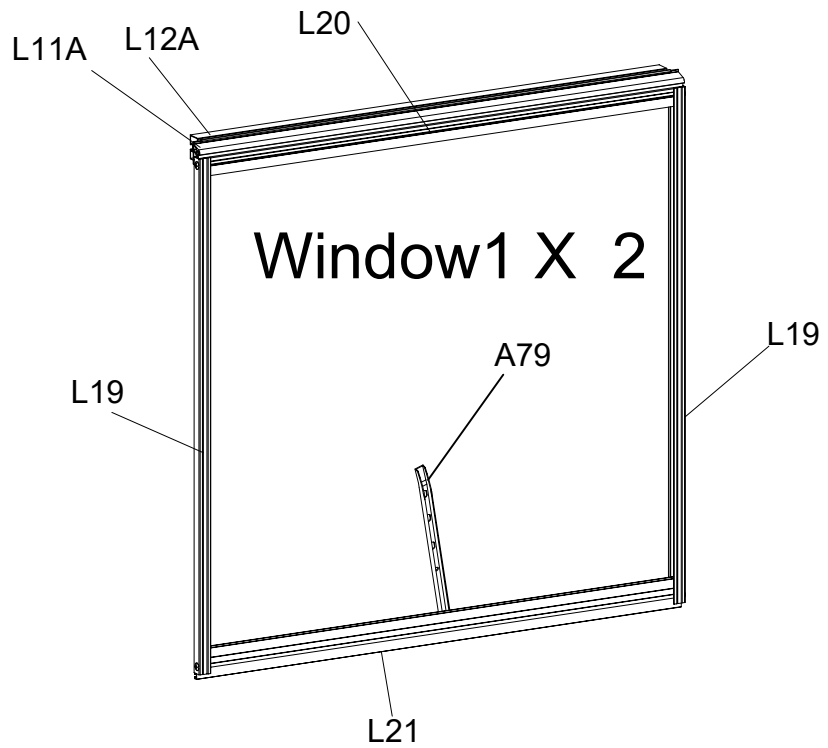
Rubber for walls & roof
(Provided for glass only)

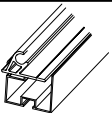
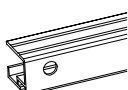
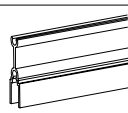
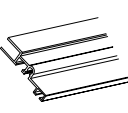
PART	NO	QTY
	J107	53M

PART	NO	QTY
	J107	16M

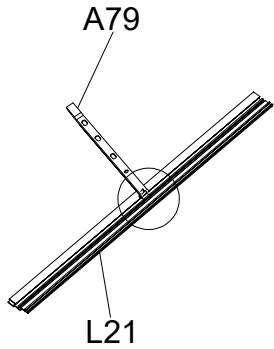
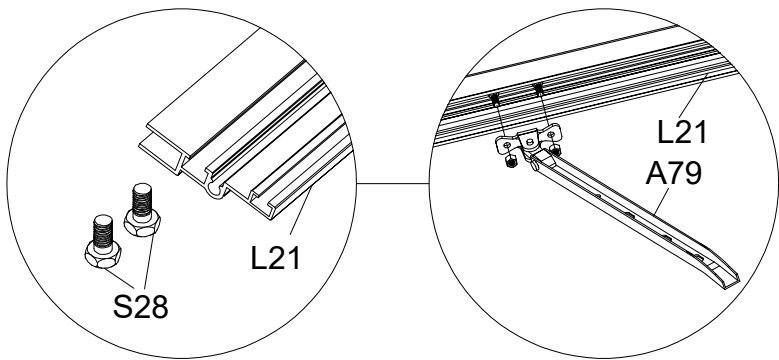
Rubber for walls only
(Provided for glass only)

PART	NO.	QTY.
	L11A	2
	L12A	2
	L19	4
	L20	2
	L21	2
	Y10	2
	A79	2
	Z02 Ø4X16D	12
	S28 M4X10	4
	M02 M4	4



PART	NO.	QTY.
	L11A	1
	L12A	1
	L19	2
	L20	1
	L21	1

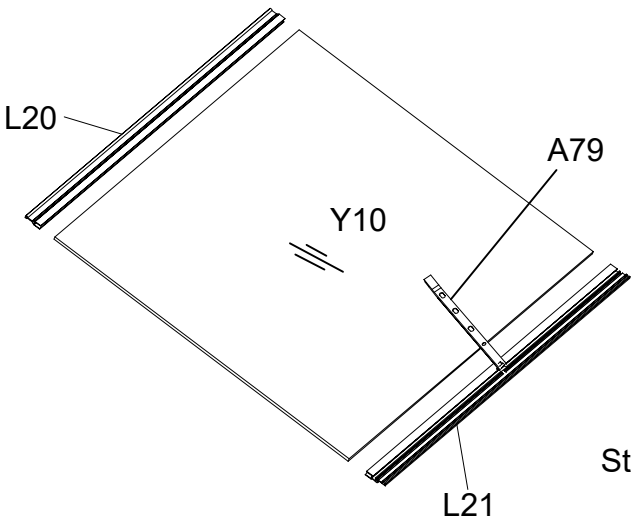
Part	NO.	QTY.
	Y10	1
	A79	1
	Z02 Ø4X16D	6
	S28 M4X10	2
	M02 M4	2



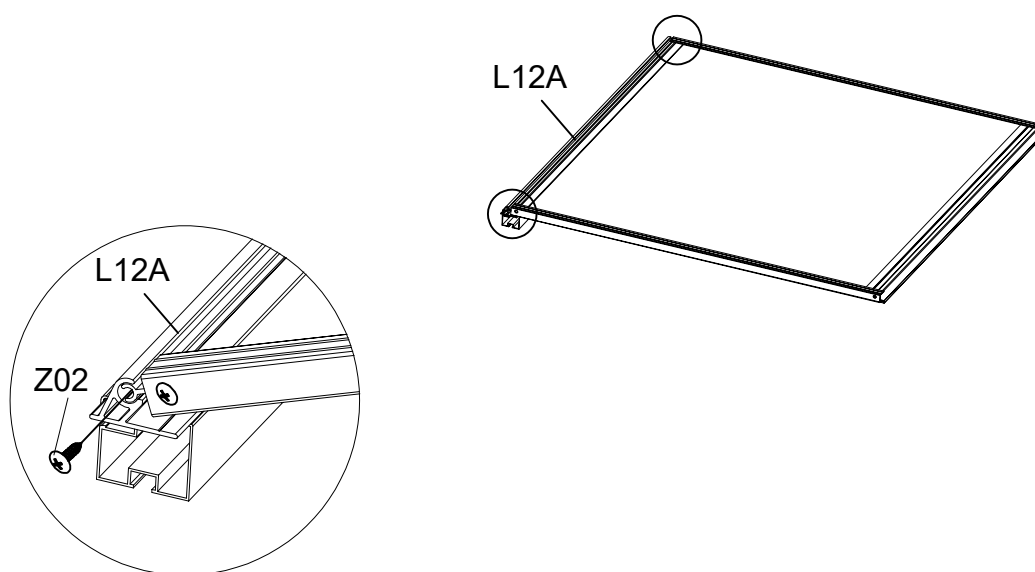
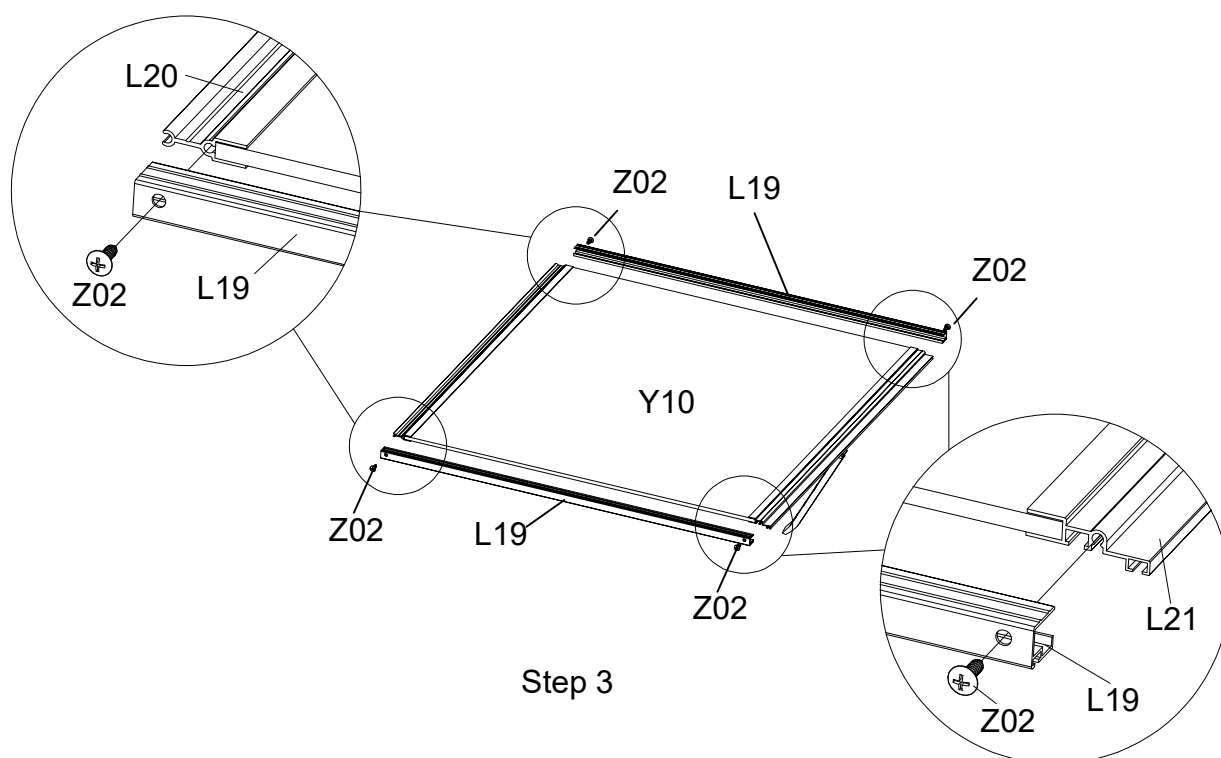
Step 1



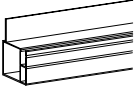
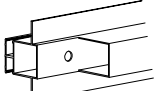
! Attention: Remove the protective films from both sides of each polycarbonate panel, before inserting into aluminum channels. Ensure the milky white film faces towards the Sun.

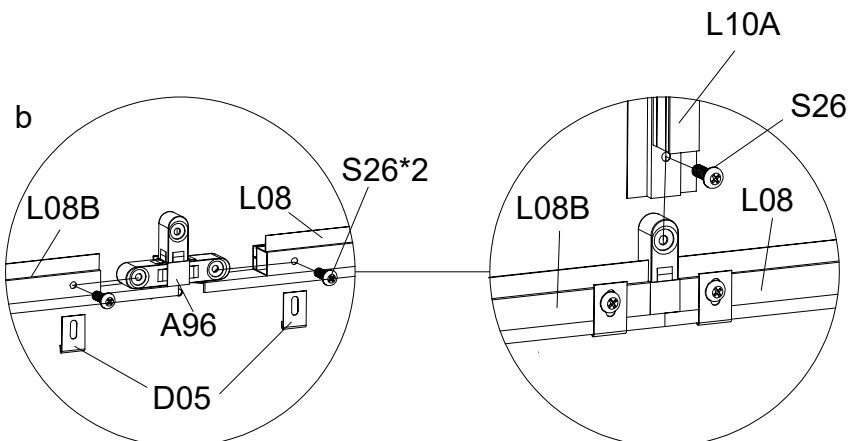
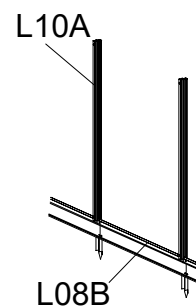
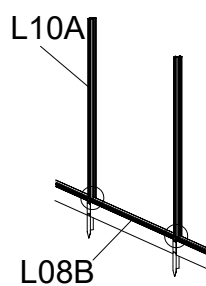
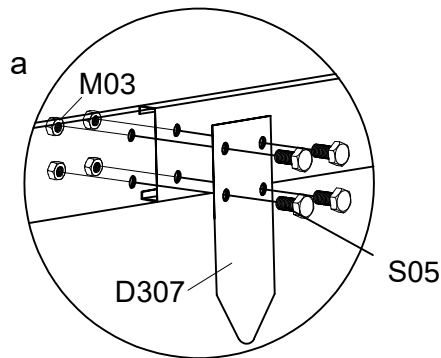
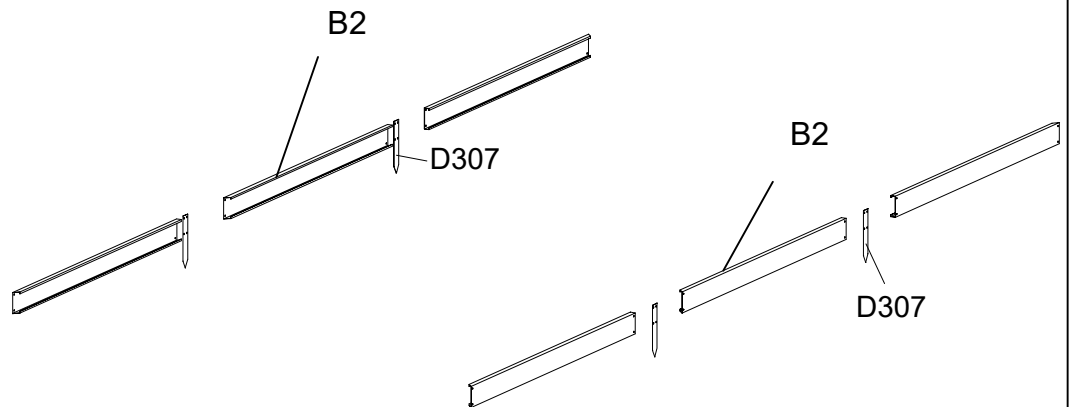


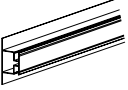
Step 2

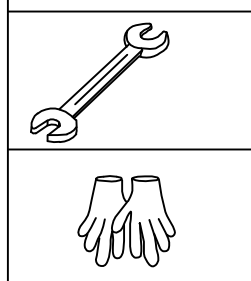
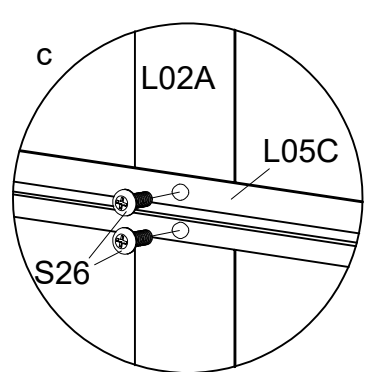
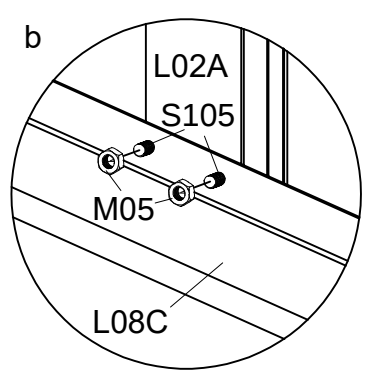
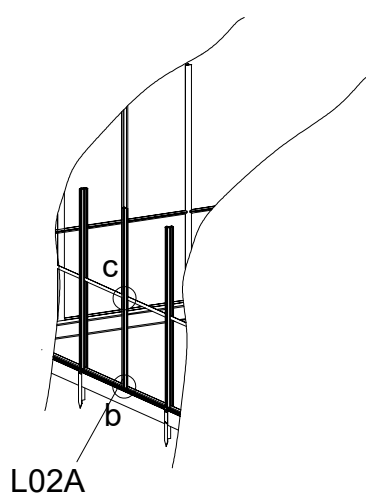
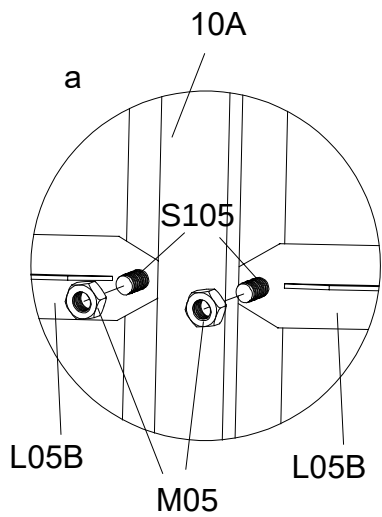
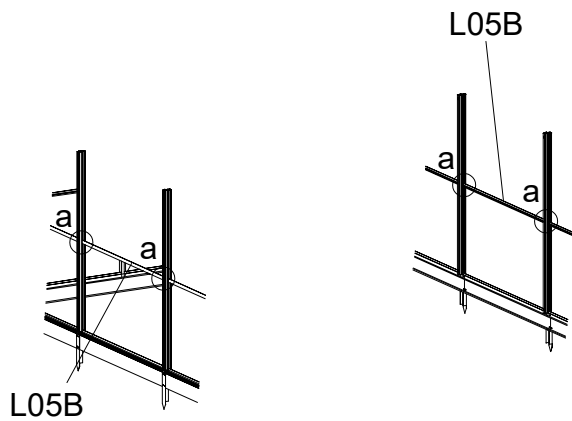


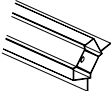
Four windows are standard

PART	NO	QTY
	L08B	2
	L10A	2
	B2	2
	A96	2
	J169	
	D05	4
	D307	2
	S05	8
	M6X12	
	M03	8
	M6	
	S26	6
	M6X12	

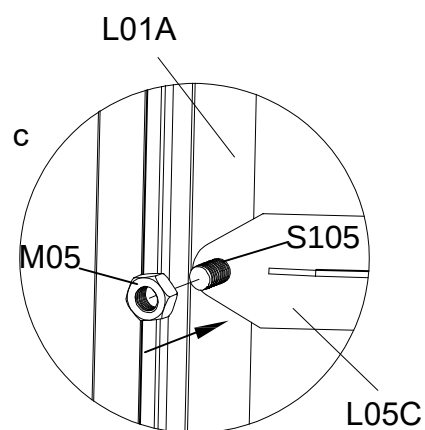
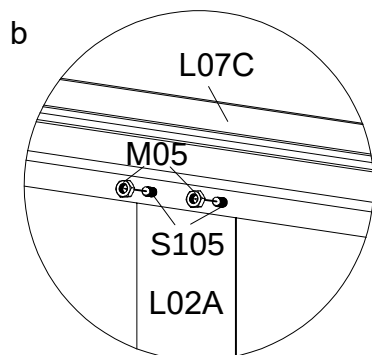
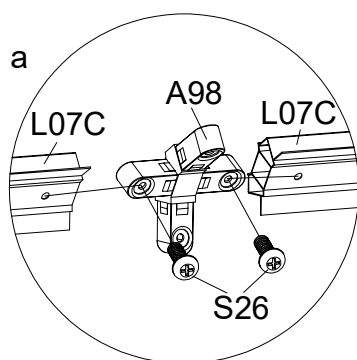
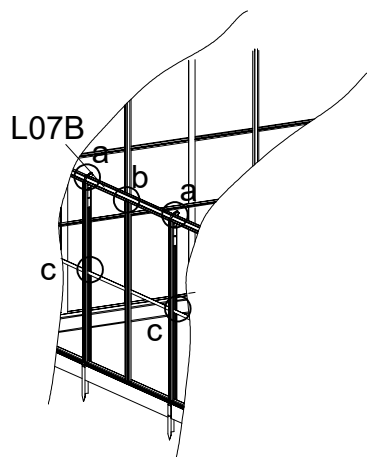


PART	NO	QTY
	L02A	2
	L05B	2
	S105 M5X10	8
	M05 M5	8
	S26 M5X12	4

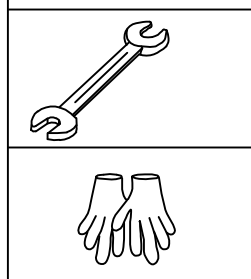
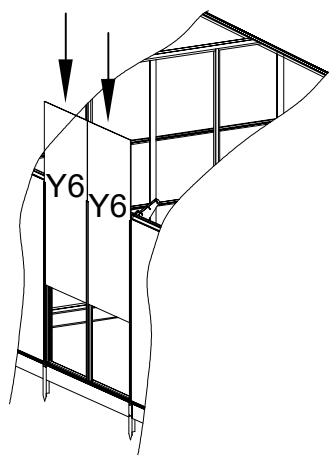


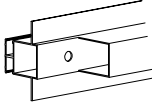
PART	NO	QTY
	L07B	2
	A98	2
	J171	
	S26	2
	M5X12	
	S105	4
	M5X10	
	M05	4
	M5	
	Y6	4

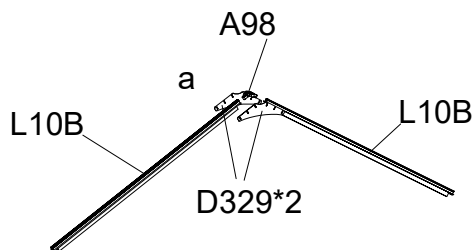
Put the panels into positions



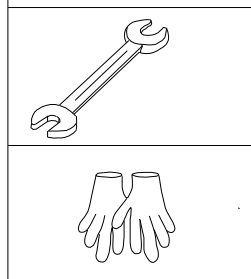
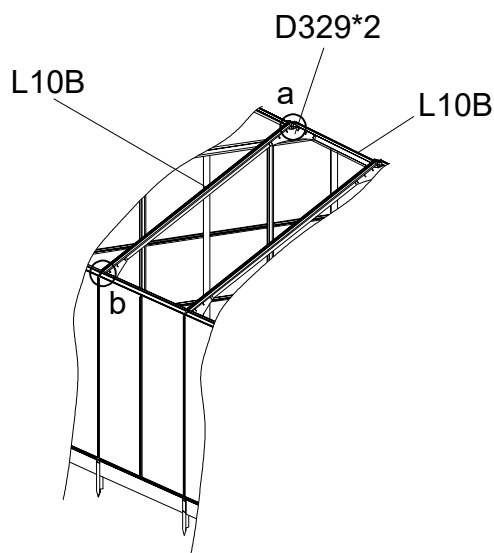
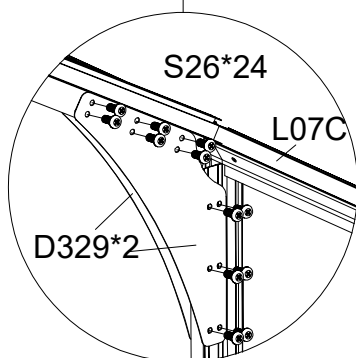
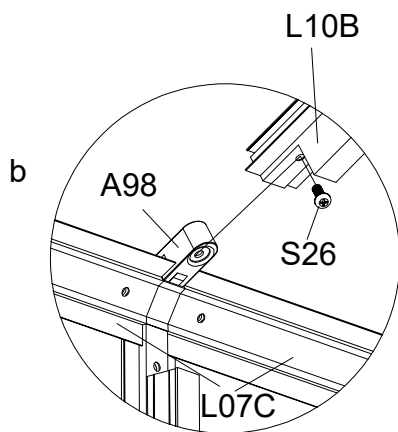
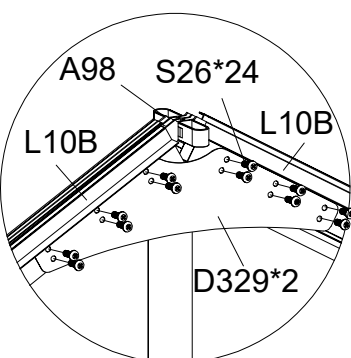
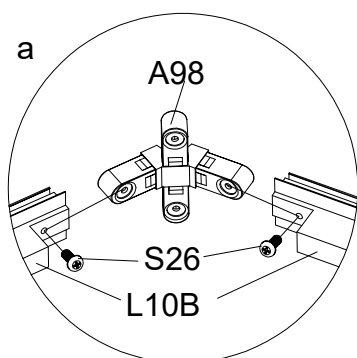
After installing L07C, fix L01A and L05C again

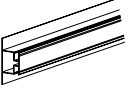
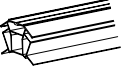


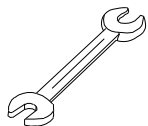
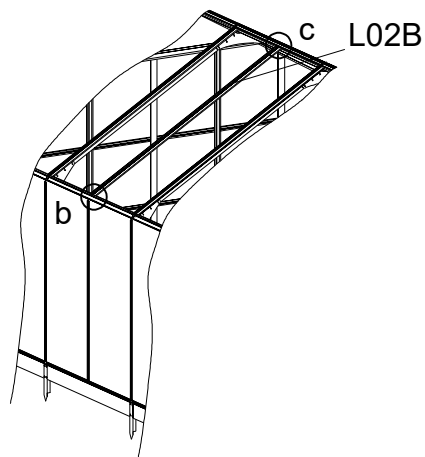
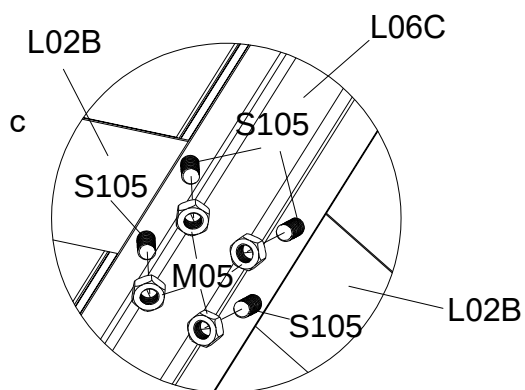
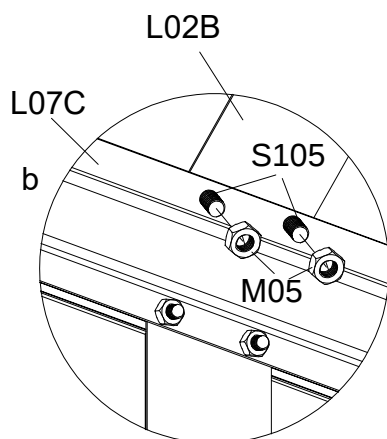
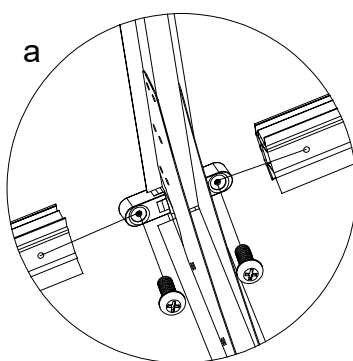
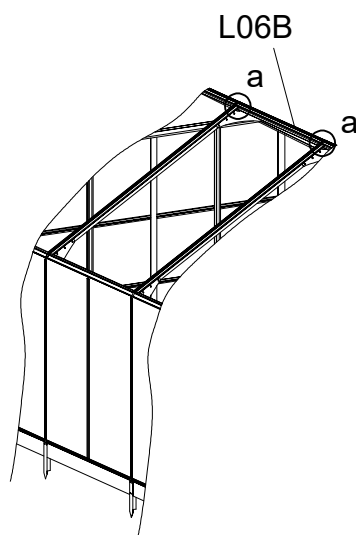
PART	NO	QTY
	L10B	2
	A98 J171	1
	D329	6
	S26 M5X12	72



First, connect the two L10Bs with A98, and then fix the two L10Bs with D329 and S26 (installed on the ground first)

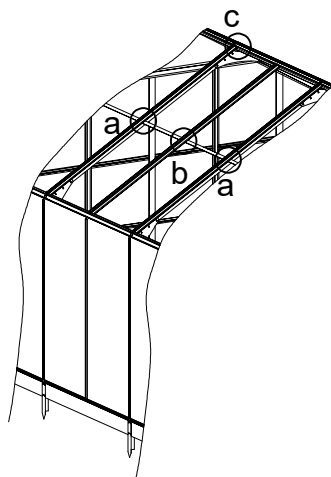


PART	NO	QTY
	L02B	2
	L06B	1
	S105 M5X10	8
	M05 M5	8
	S26 M5X12	2

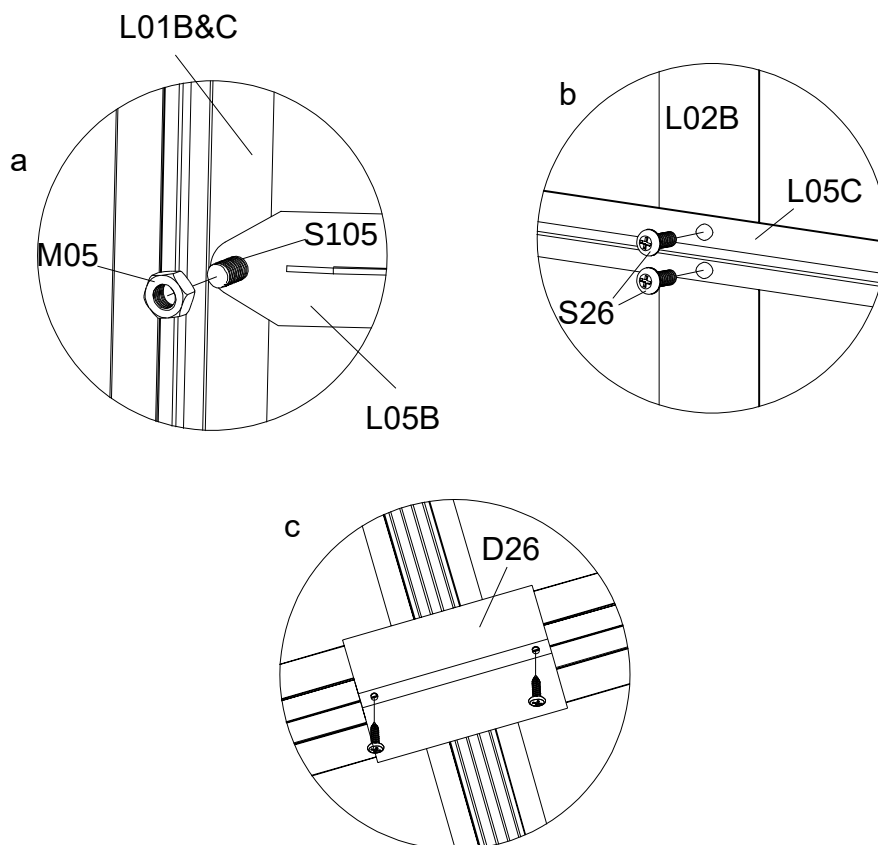


Fix glazing bars L02B (8pcs)
to the eaves and the ridge
profiles with S105 & M05

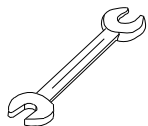
PART	NO	QTY
	L05B	2
	D26	1
	S105 M5X10	4
	M05 M5	8
	Z08 M4.2X16	2
	S26 M5X12	4



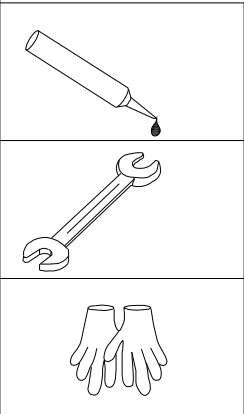
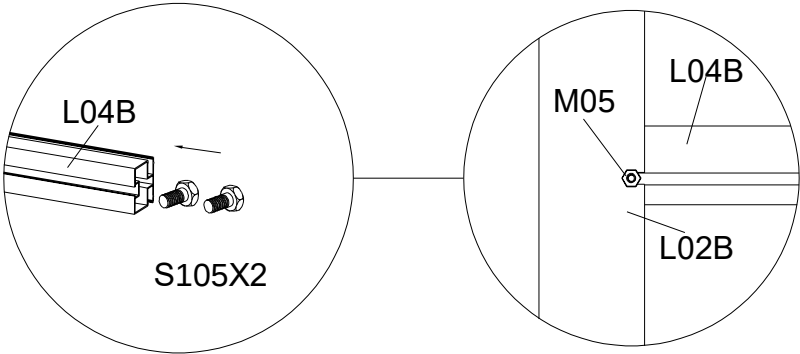
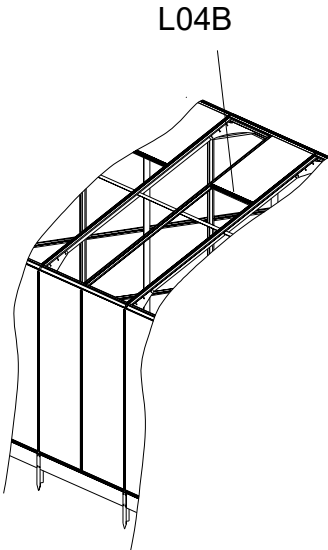
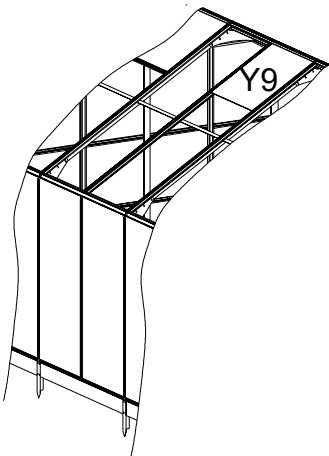
L05B with the extra reinforced edge in the middle should face inside.



Fix D26 to L06C
from outside with
self-tapping screws Z08,
using a powered screwdriver.

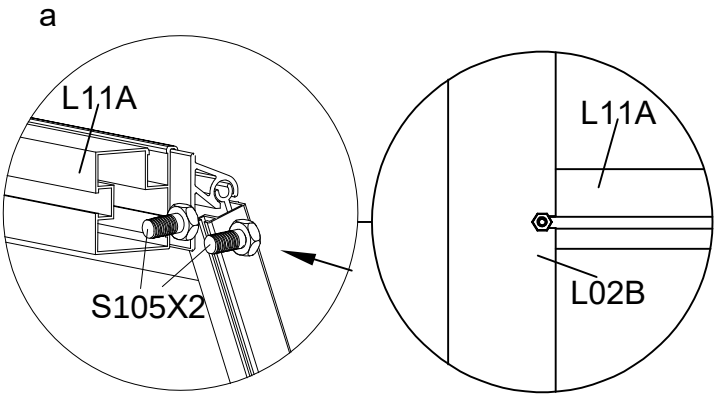
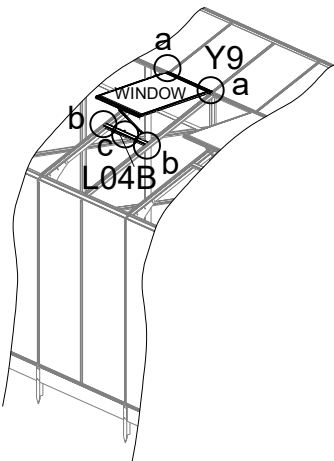


PART	NO	QTY
	L04B	2
	S105 M5X10	4
	M05 M5	4
	Y9	2

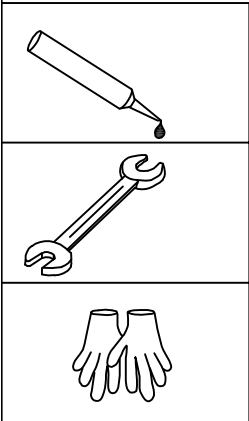
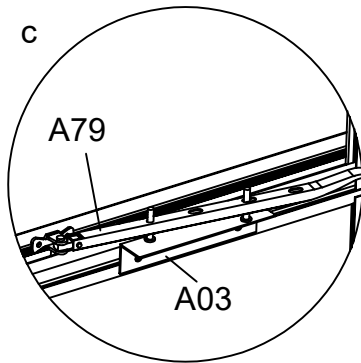
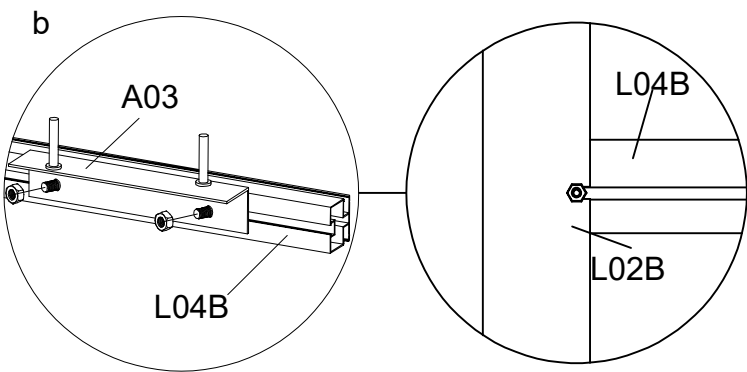
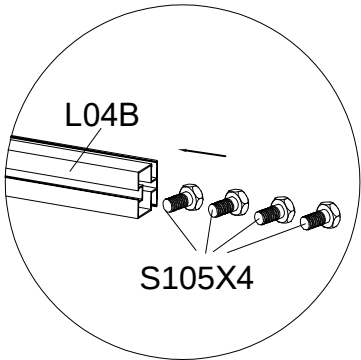


PART	NO	QTY
	L04B	2
	A03	2
	WINDOW1	2
	Y9	2
	S105 M5X10	12
	M05 M5	12

Top Assembly

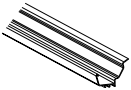


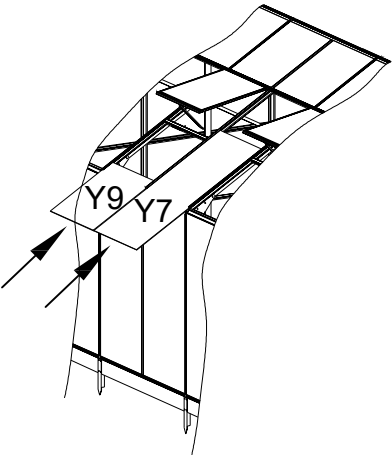
Slide 2 bolts (S105) into each L11A, and bolt it to L02B, using the S105 & M05.



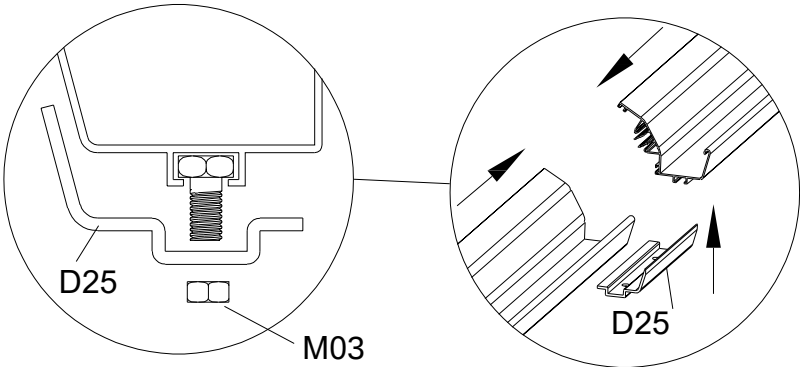
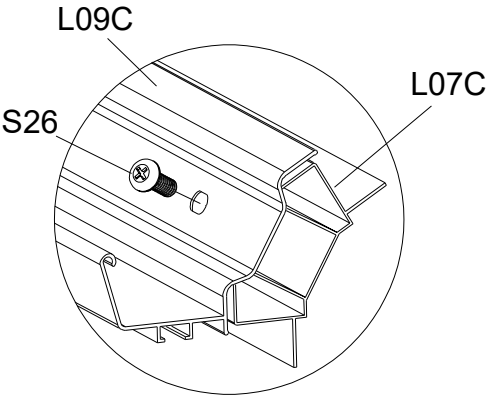
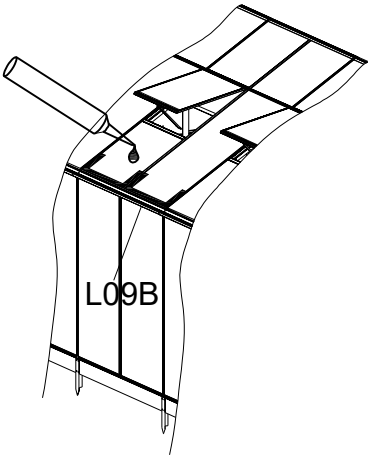
When installing L04B, the window needs to be lifted up to avoid the window not opening after the installation is complete

Before fixing A03, first close the window. Adjust the position of A03 according to A79 on the window, so that the window can be securely closed, and then fix S05 and M03 on A03.

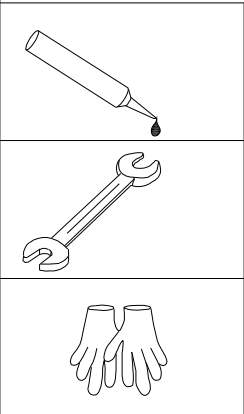
PART	NO	QTY
	L09B	2
	D25	2
	S26 M5X12	4
	S05 M6X12	4
	M03 M6	4
	Y7	2
	Y9	2



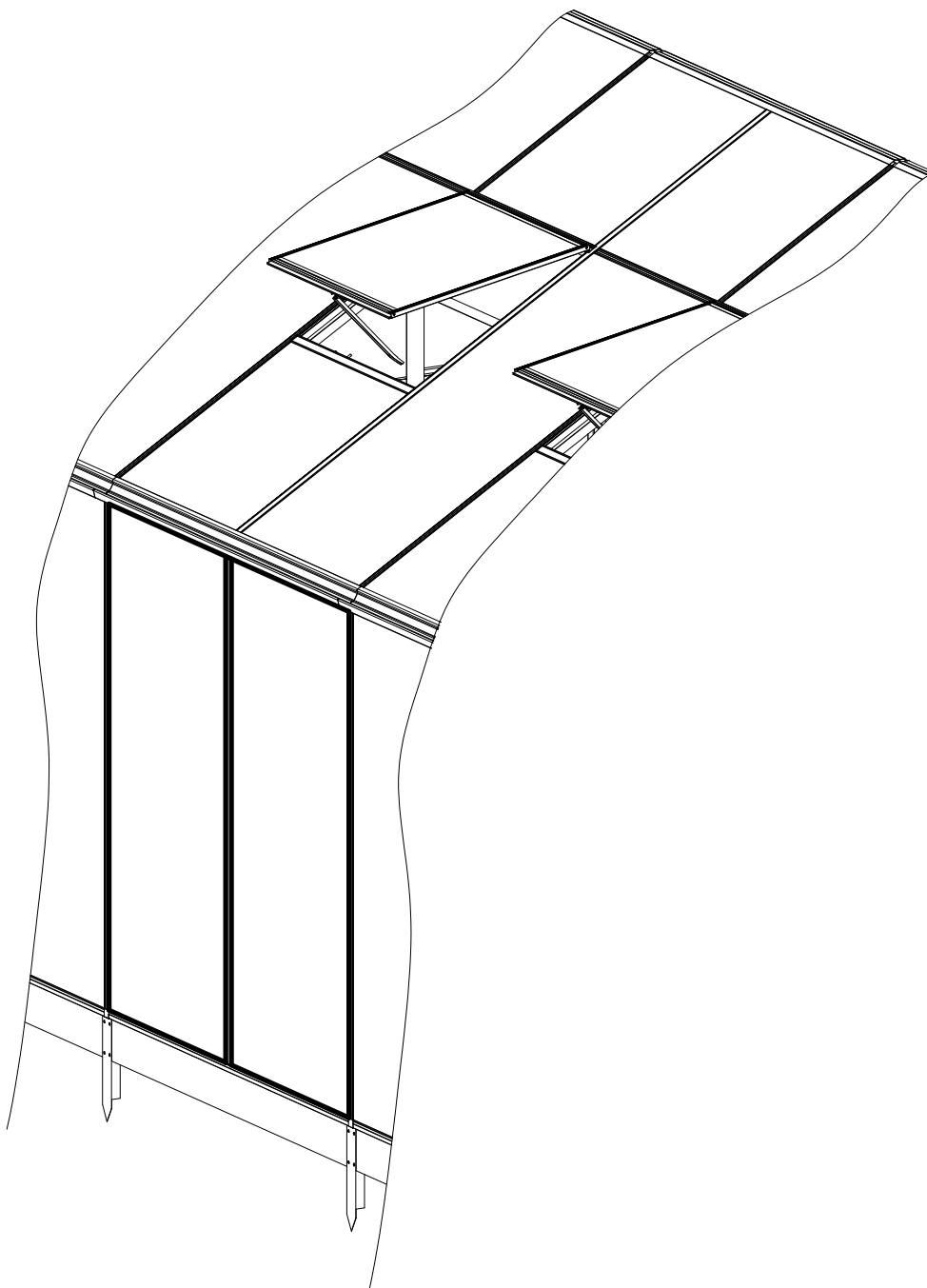
After the panels and windows are in position,
put some silicone sealant around to avoid leaking water.



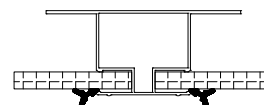
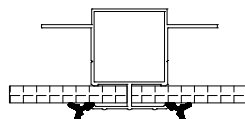
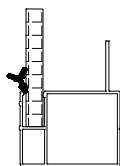
Slide 1*S05 into the bolt channel of both L09B,
fix D25 to L09B using S05 & M03



PART	NO	QTY
	J107	1



If the panel is glass, install the rubber strip before tightening and securing.



WARRANTY INFORMATION:

Please refer to our website for detailed warranty conditions and coverage.
For the most up-to-date and comprehensive warranty information, visit www.tmgindustrial.com