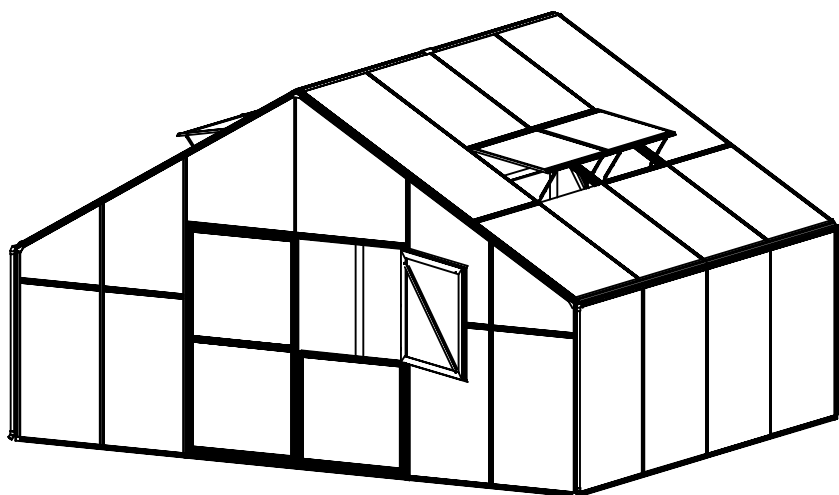


16.5' X 13.5' GREENHOUSE, 10' HEIGHT, NORDIC SERIES



⚠ 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

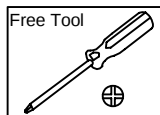
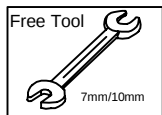
CONTENTS

1. Assembly Advice	Page 1
2. Product Features	Page 1 - 3
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5. Door Assembly	Page 15 - 18
6. Roof Vent Assembly	Page 19- 20
7. Framework & Panel Assembly	Page 21 - 35

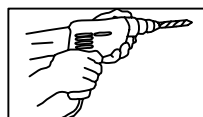
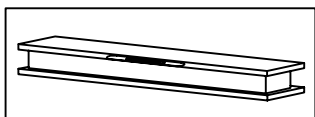
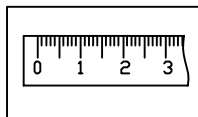
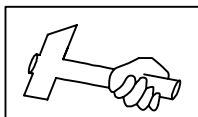
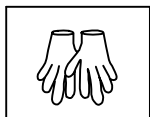
Assembly and Maintenance Advice

1. For safety purposes, we strongly recommend that this product is assembled by at least two people.
2. Some components have sharp metal edges. Please be careful when handling metal components.
Please wear gloves, shoes and safety goggles during assembly.
3. Lay all of the components on a soft carpet or blanket to avoid any scratches or damages.
4. DO NOT climb or stand on the roof. Heavy articles should not be leaned against the greenhouse.
5. Keep the roof and gutter clear of snow, dirt & leaves. Allowing snow to build up on the roof may damage the product.
6. Unlike steel, if the paint finish is scratched this will not harm the aluminium underneath.
7. When your product needs cleaning, use a mild detergent solution and rinse with cold clean water.
Do not use acetone, abrasive cleaners or strong detergents to clean the panels.

Provided Tools for Free:



Additional Tools for Assembly (Not Provided):

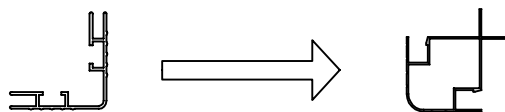


2 Persons at Least:

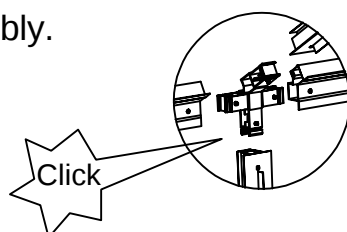


Functions and Features:

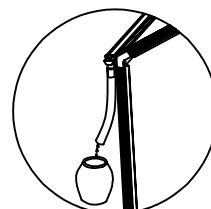
1. Compared with traditional greenhouses this exciting product features many significant improvements. The hollow box profile aluminium framing is much stronger than other greenhouses and it can withstand much greater pressure.



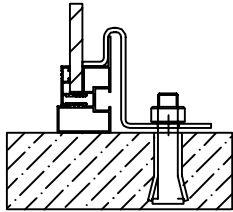
2. Easy and fast assembly.



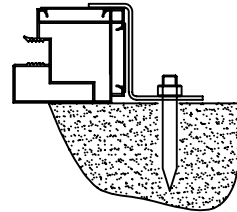
3. The strong two part eaves beam includes an integral gutter. Downpipes are also included as standard so you can collect rainwater.



5. Base anchor brackets are included as standard with expanding bolts to ensure a secure fixing into concrete or paving. Alternatively, you can use the brackets to fix into a timber base with wood screws (not provided).

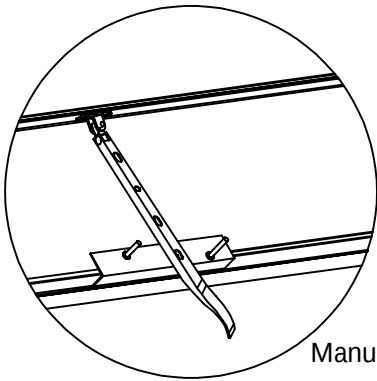


Expansion bolt
in concrete

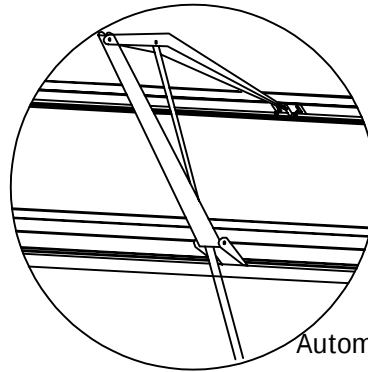


Steel bar/Lawn land

6. Manual window handles are included as standard with the roof vents. If required, automatic roof vent openers are available as an inexpensive optional extra.

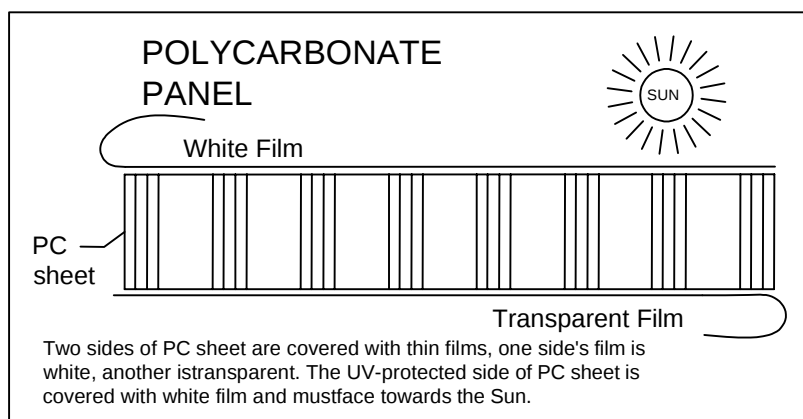


Manual opener



Automatic opener

7. Each Polycarbonate Panel comes with UV protected properties. Please ensure the white film is facing outward towards the Sun. Remove both films before installation of the panels.

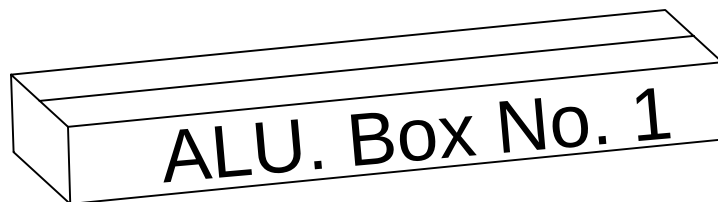


IMPORTANT:

*Rubbery sealings is ONLY provided for Glass Glazing.

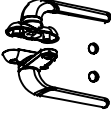
GT504 (ALU. Box No. 1)

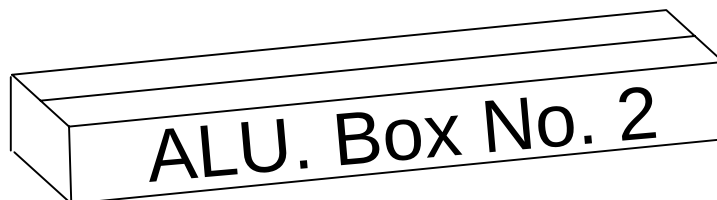
	PART	NO	QTY
1		L01B	2
		L01C	2
2		L02B	2
		L02D	1
3		L02E	2
		L02F	2
4		L03B	1
5		L03C	1
		L03D	1
6		L03E	1
		L03F	1
7		L05C	2



GT504 (ALU. Box No. 2)

	PART	NO	QTY
1		L05A	2
2		L05B	4
3		L06B	1
4		L07B	2
5		L08A	4
6		L08B	4
7		L09B	2
8		L16A	1
		L18C	1
9		L16B	1
		L16C	1
		L16D	1
10		L16E	1
		L16F	1
		L17	1
11		L16G	1
		L16H	1
		L23A	4
12		L18A	2
		L18B	1

PART	NO	QTY
	H152	1
	D47-1	1
	S77 M4X50	2

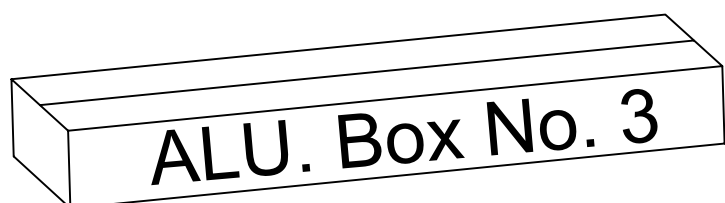
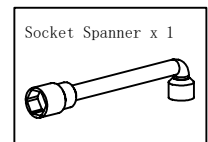
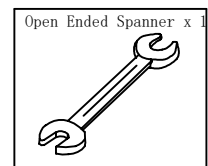
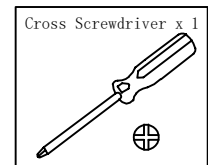


GT504 (ALU. Box No. 3)

	PART	NO	QTY
1		L01A	4
2		L02A	2
3		L02C	1
		L04B	2
4		L04A	4
5		L04C	6
6		L04D	1
		L04E	1
7		L10	2
8		L19A	4
		L20	2
		L21	2

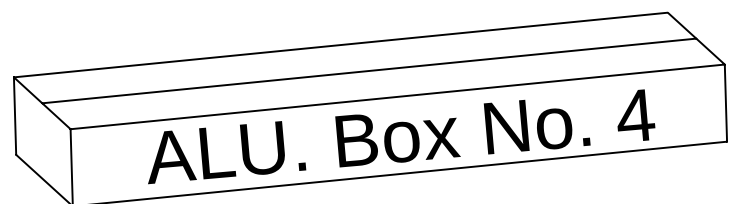
PART	NO	QTY
	A52	2
	A53	2
	A54	4
	A55	6
	D77	12
	D07	14
	A01	4
	A03	2
	A04	2
	H63	9
	S05 M6X12	149
	M03 M6	149
	S28 M4X10	8
	M02 M4	8
	S08 M8X60	14
	Z08 M4.2X16	56
	Z02 Ø4X14D	24
	Z17 M4.8X16	18

PART	NO	QTY
	J42	4
	J53R	2
	J53L	2
	J52	2
	J54	4
	J94	4
	L30	4
	J93	4
	J166	4
	J95	4



GT504 / GT5-2EXT (ALU. Box No. 4)

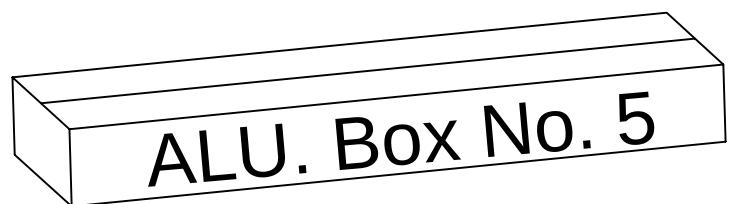
	PART	NO	QTY
1		L02B	2
		L11B	2
2		L05B	4
3		L05E	3
4		L08B	2



GT504 / GT5-2EXT (ALU. Box No. 5)

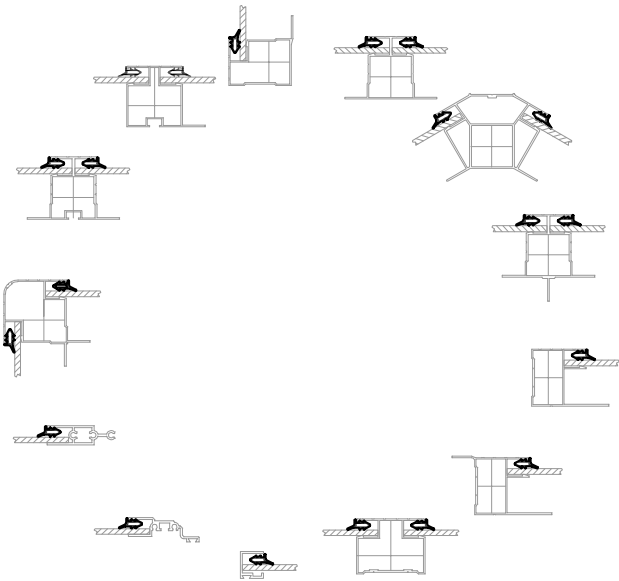
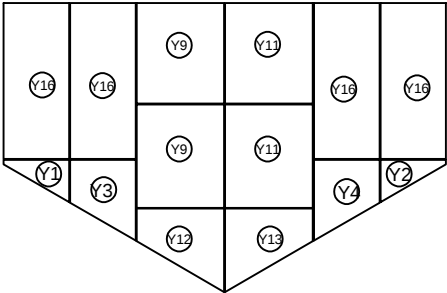
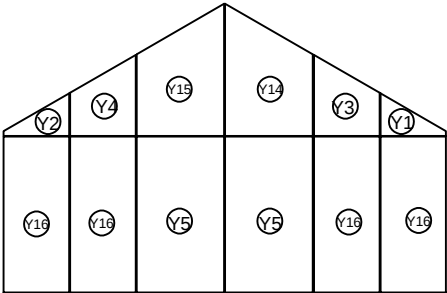
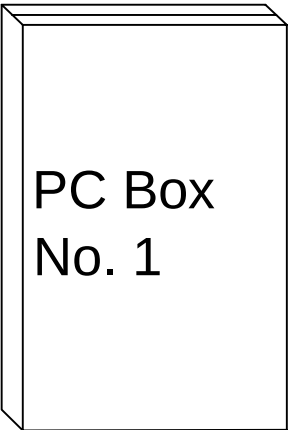
	PART	NO	QTY
1		L02A	2
		L11A	2
2		L04A	4
3		L06B	1
4		L07B	2
5		L09B	2
6		L10	2
7		L19A	4
		L20	2
		L21	2

PART	NO	QTY
	A54	2
	A56	3
	D07	4
	A01	4
	A03	2
	A04	2
	D26	1
	D25	2
	D129	6
	S05 M6X12	136
	M03 M6	112
	S28 M4X10	8
	M02 M4	8
	S08 M8X60	4
	Z08 M4.2X16	6
	Z02 Ø4X16D	20
	J54	2
	J95	8



GT504 (PC Box No. 1)

PART	NO	QTY
	Y1	2
	Y2	2
	Y3	2
	Y4	2
	Y5	2
	Y9	2
	Y11	2
	Y12	1
	Y13	1
	Y14	1
	Y15	1
	Y16	8



PART	NO	QTY
	J108	112.7M

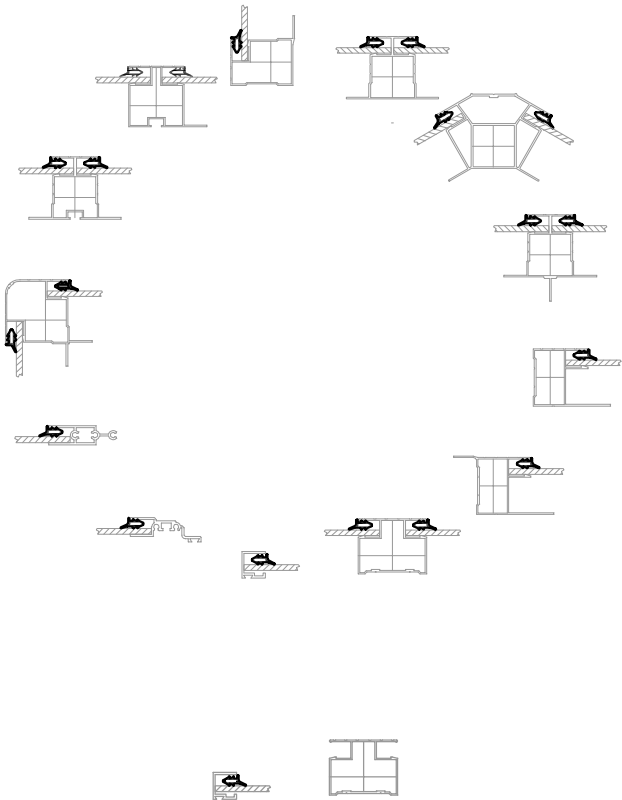
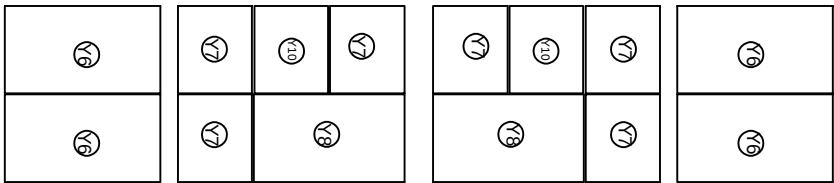
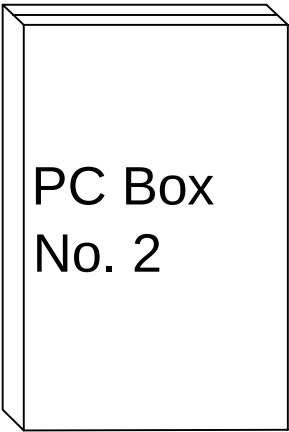
(Provided for Glass Panels only)

GT504 / GT5-2EXT. KIT (PC Box No. 2)

PART	NO	QTY
	Y6	4
	Y7	6
	Y8	2
	Y10	2

***NOTE:**

This shows the packing details for 2 sections only.
Then 2 x PC Box No.2 are needed for one GT504,
and 1 x PC Box No.2 for one GT5-2EXT. KIT.

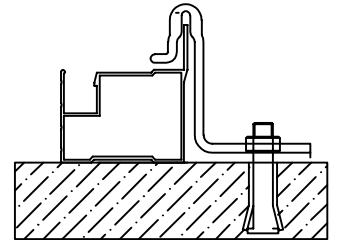
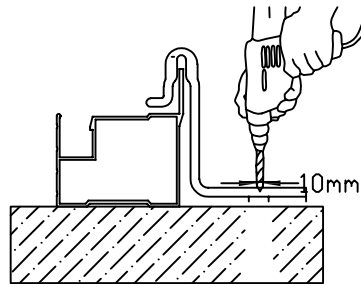
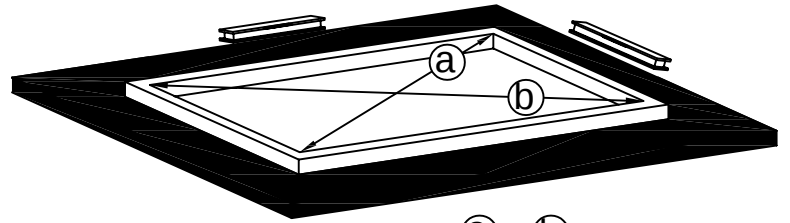
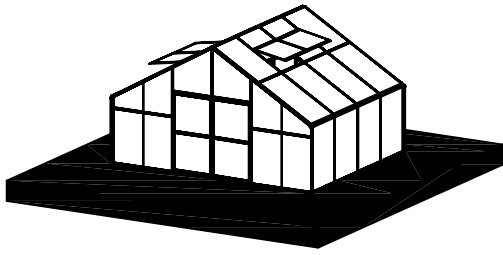


PART	NO	QTY
	J108	56.8M
	J240	3M

Rubber Sealing for Walls & Roof
(Provided for Glass Panels only)

PART	NO	QTY
	J108	15.7M

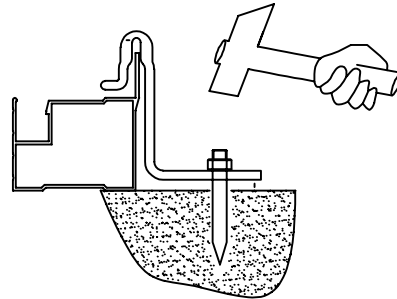
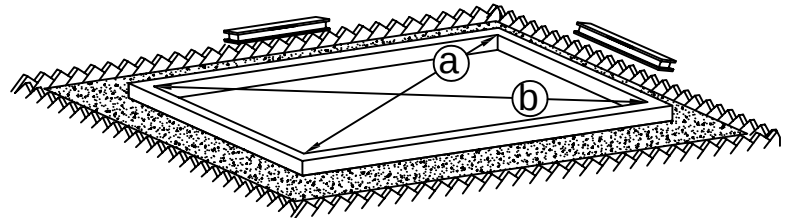
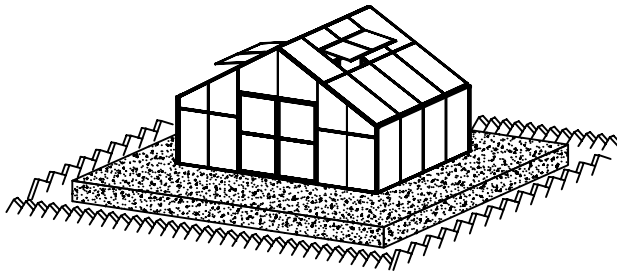
Rubber Sealing for Walls Only
(Provided for Glass Panels only)



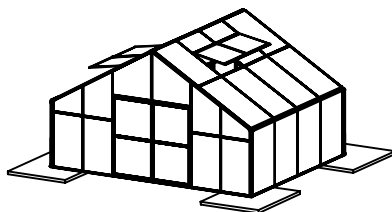
Expansion
screw/Concrete
ground



It is essential the dimensions $a + b$ are the same to ensure the base is square.



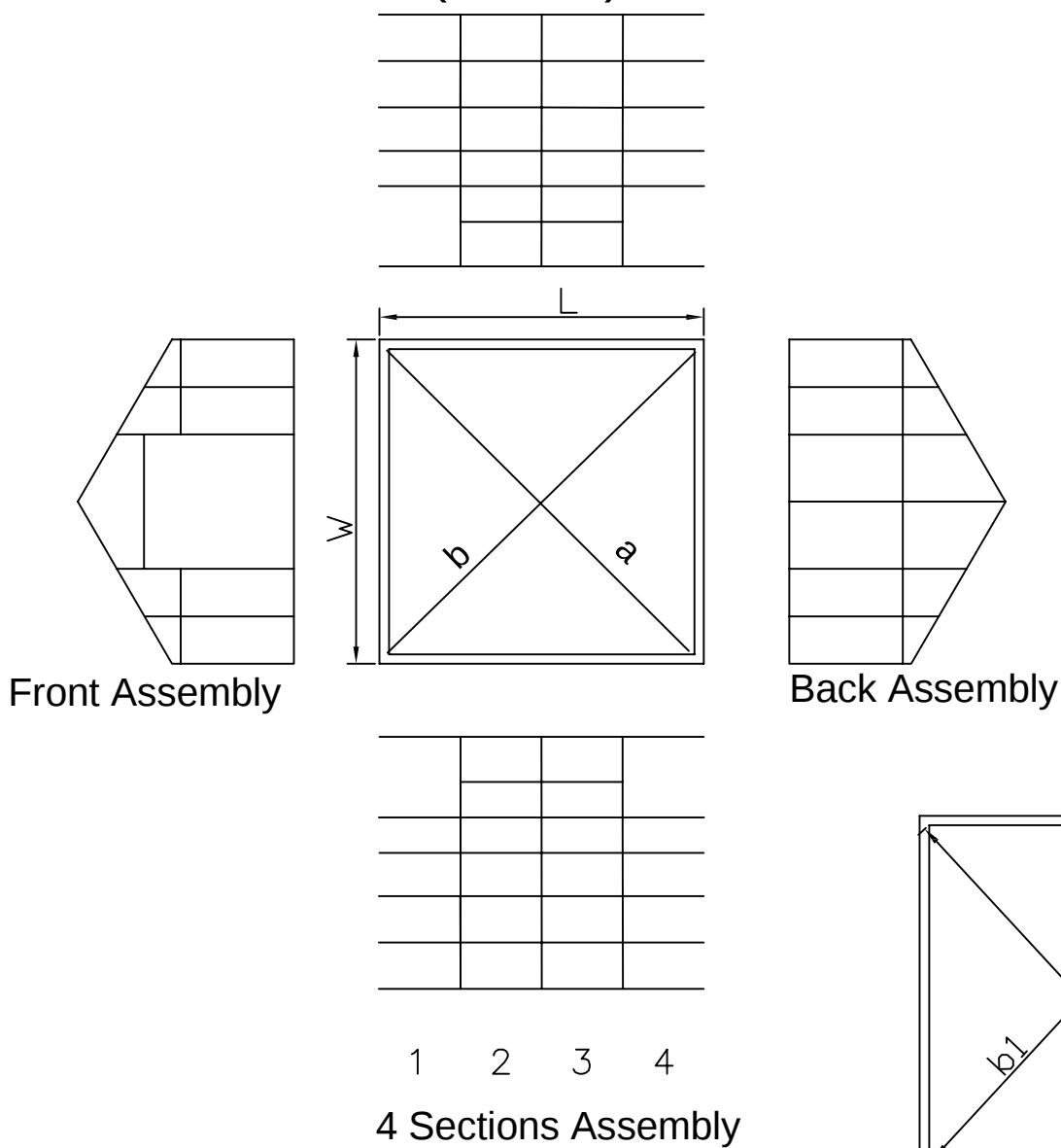
Steel pegs in soil



Support at the corners only is inadequate.



GT504 (4 x 5M)



Dim/Model	GT504	GT506	GT508	GT510	GT512	GT514	etc.
W(mm)	5068.6	5068.6	5068.6	5068.6	5068.6	5068.6	
L (mm)	4064.6	6068.6	8072.6	10076.6	12080.6	14084.6	
a=b(mm)	6497.1	7906.87	9531.9	11279.6	13100.8	14968.9	
a1=b1(mm)	6370.6	7780.11	9407.9	11158.8	12983.1	14853.8	

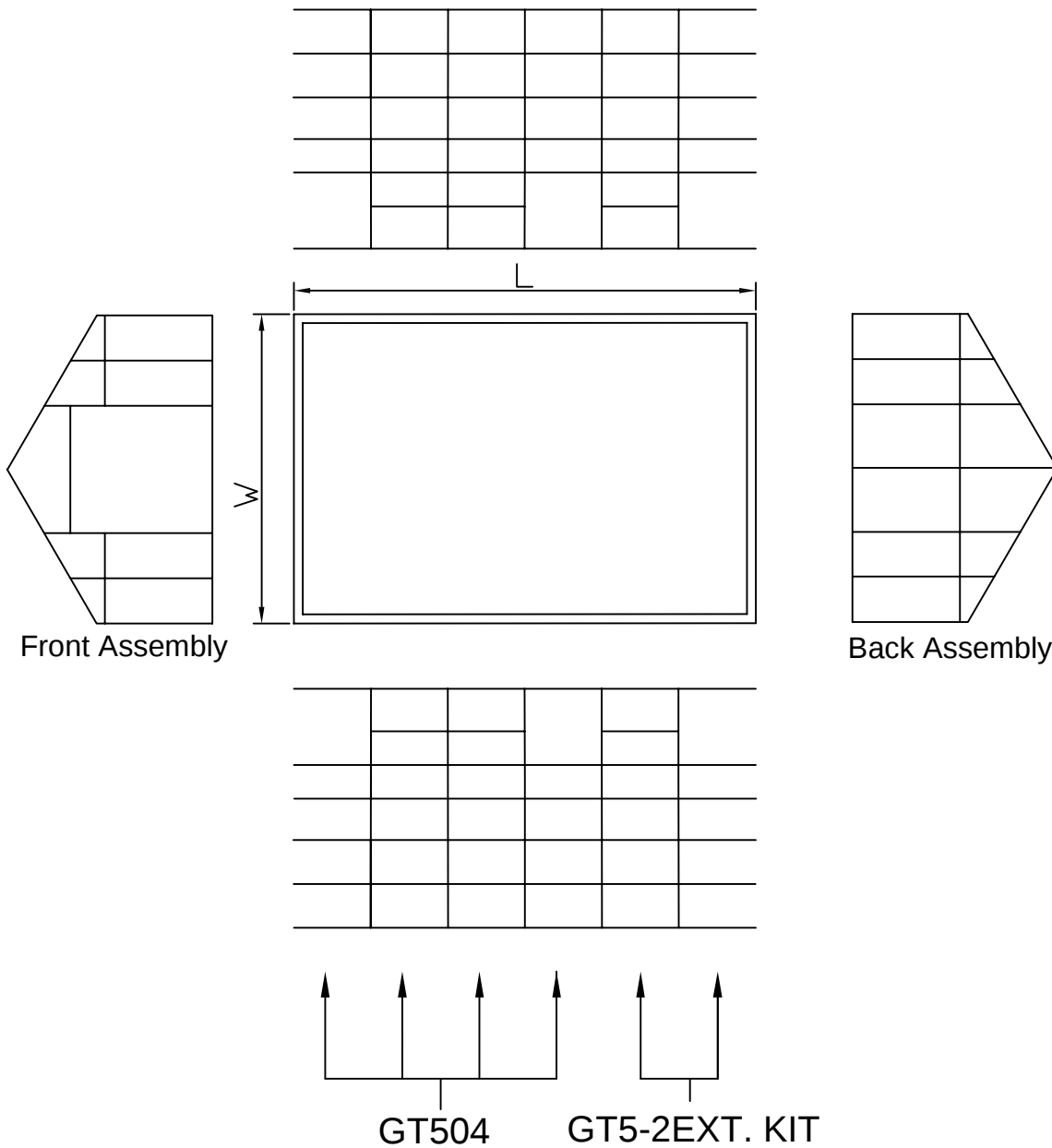
* W= Outer Width of Base Profiles

* L= Outer Length of Base Profiles

* a=b= Outer Diagonal of Base Profiles

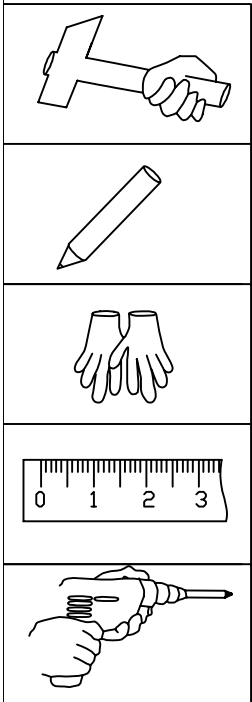
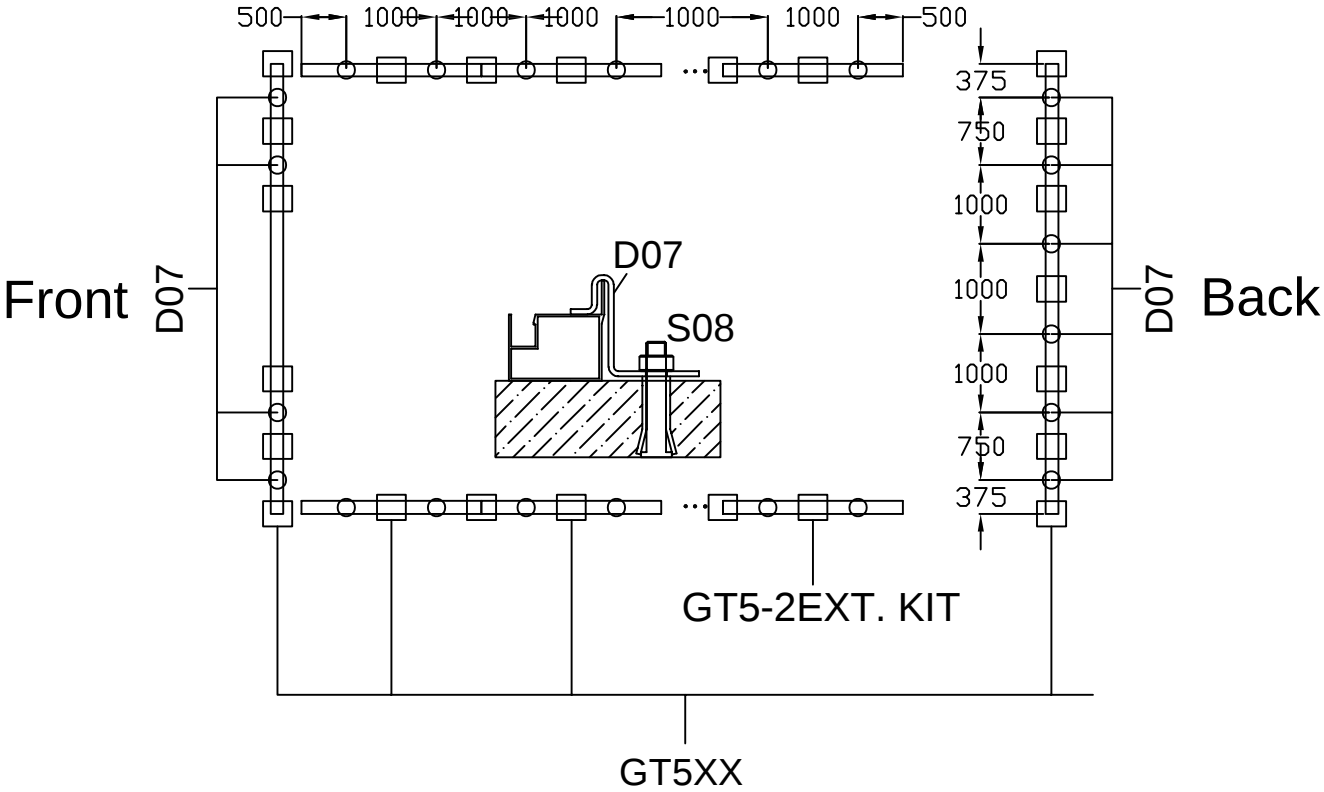
* a1=b1= Inner Diagonal of Base Profiles

GT504 + GT5-2EXT. KIT (6 x 5M)



* The basic model, GT504, can be easily extended by adding one 'GT5-2EXT. KIT' each time for a longer size.

PART	NO	QTY
	D07	18
	S08 M8X60	18

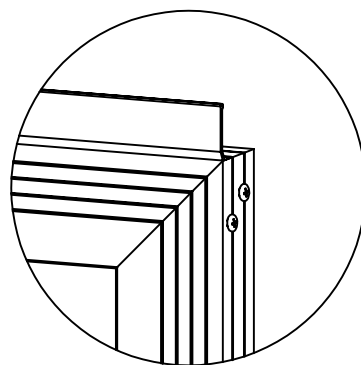
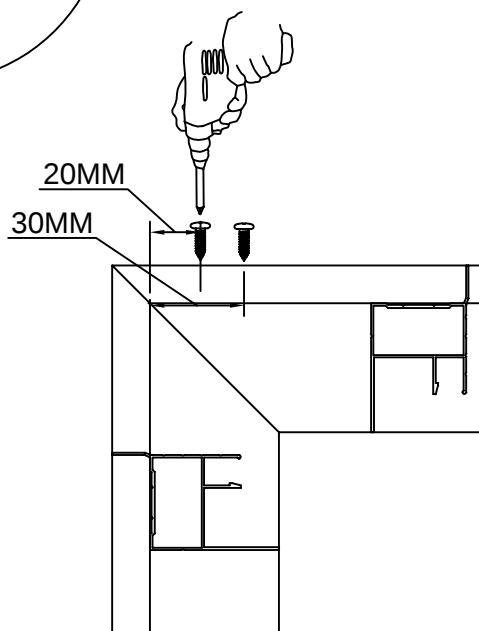
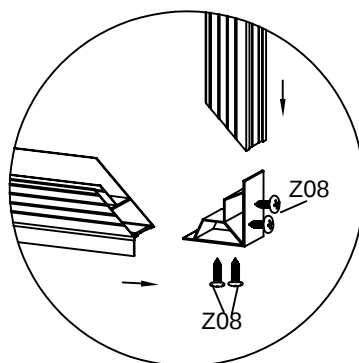
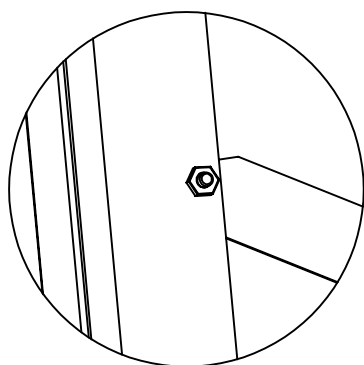
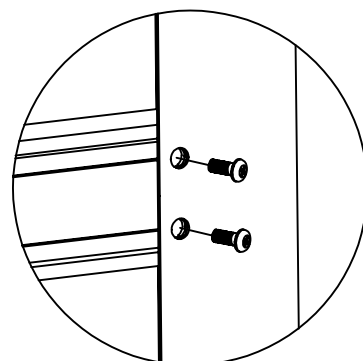
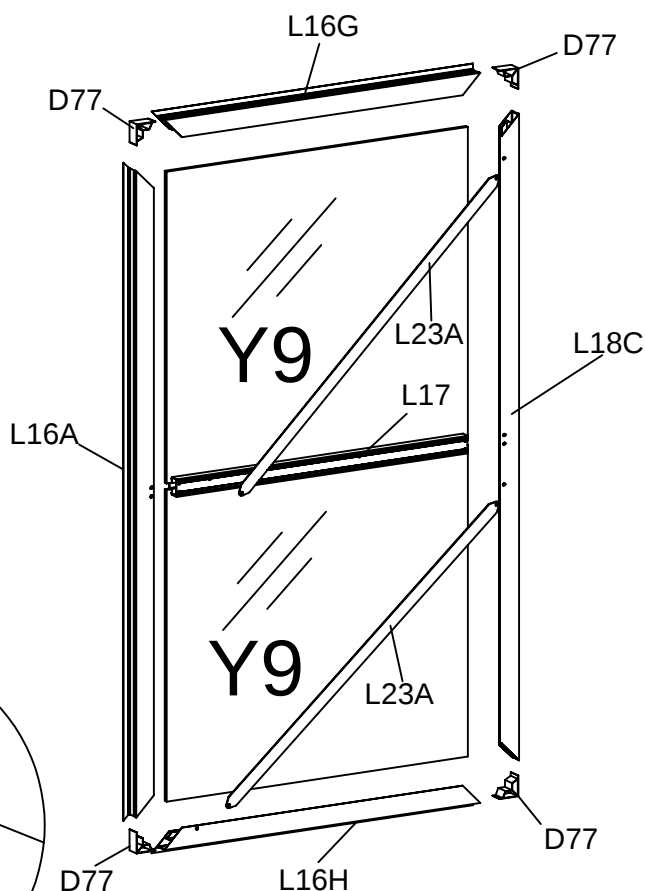


* This shows a layout for D07's positions where it is placed in the middle of PC panel for each section.

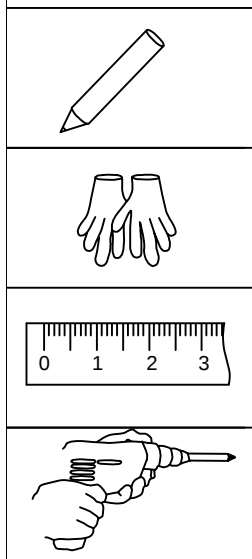
PART	NO	QTY
	L18C	1
	L17	1
	L16A	1
	L16G	1
	L16H	1
	L23A	2
	D77	4
	S26 M5X12	5
	S05 M6X12	3
	M03 M6	3
	Z08 M4.2X16	16
	Y9	2

Door-L Assembly

Insert Connector D77 into each end of the profiles L16A & L16G & L16H & L18C.



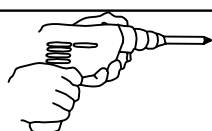
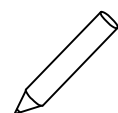
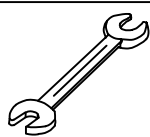
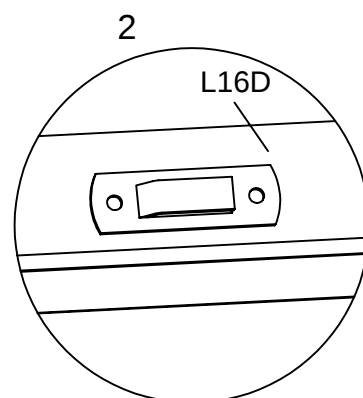
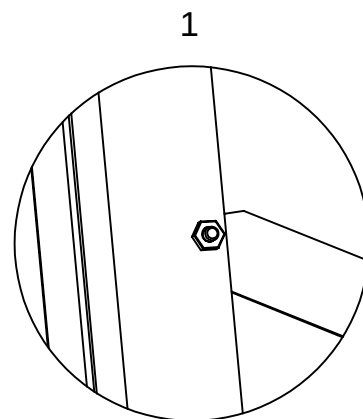
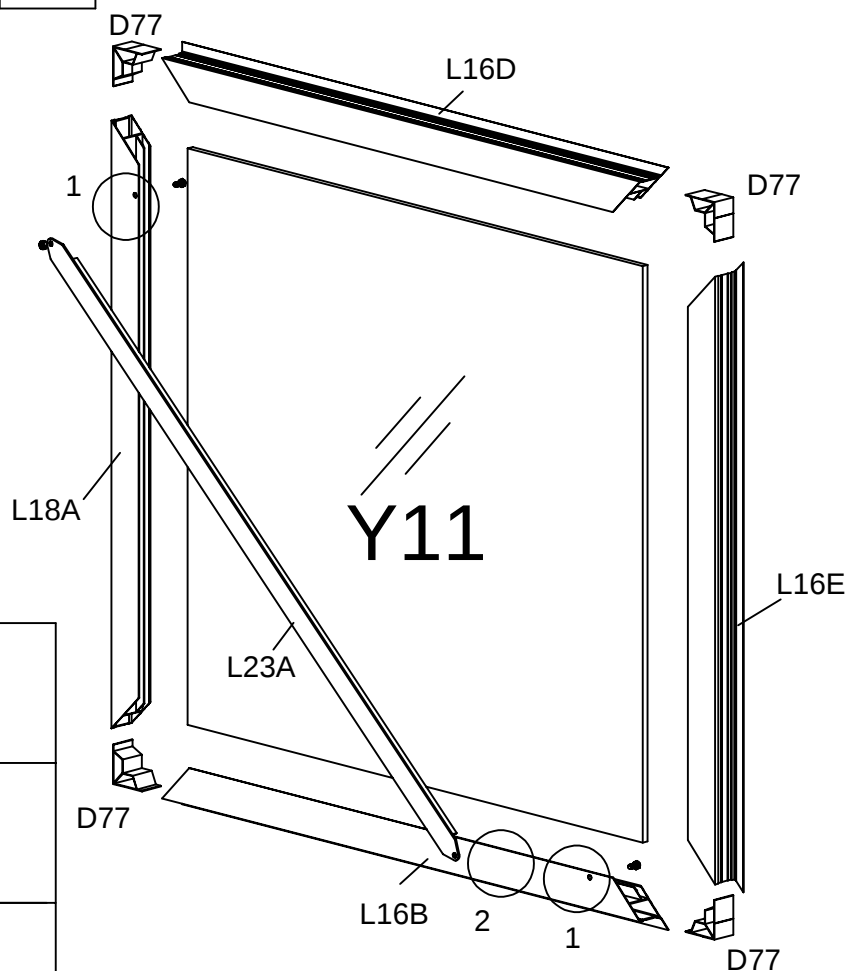
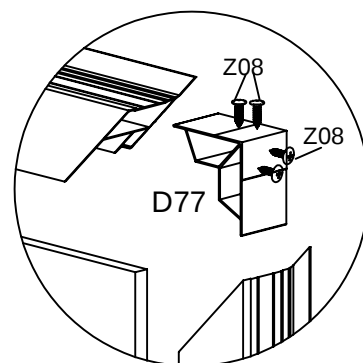
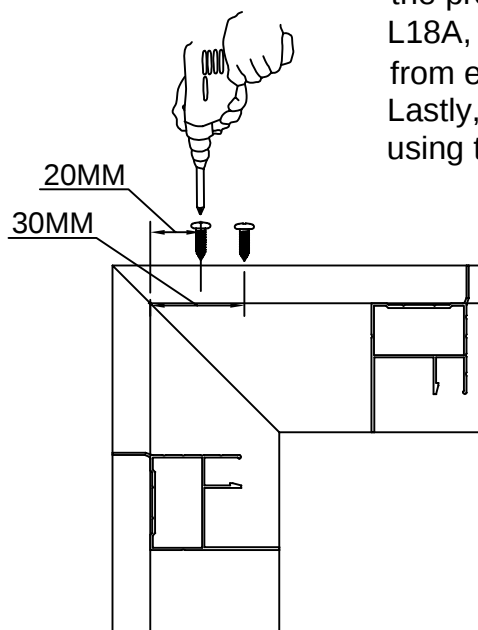
Then mark the distance from each end about 20/30MM.
Lastly, secure them with screws Z08 using the powered screw-driver.



PART	NO	QTY
	L18A	2
	L18B	1
	L16B	1
	L16C	1
	L16D	1
	L16E	1
	L16F	1
	L23A	2
	D77	8
	Z08 M4.2X16	32
	S05 M6X12	4
	M03 M6	4
	Y11	2

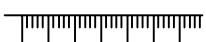
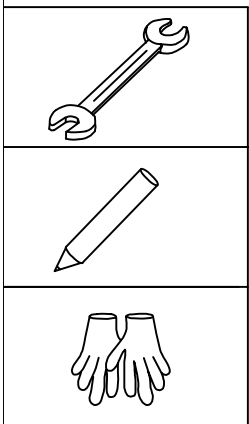
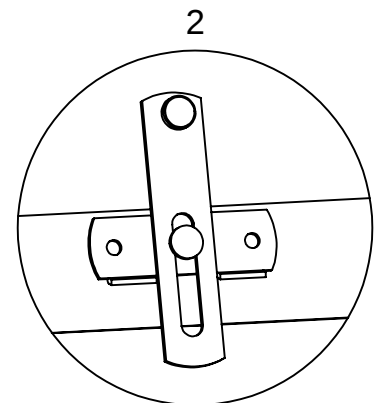
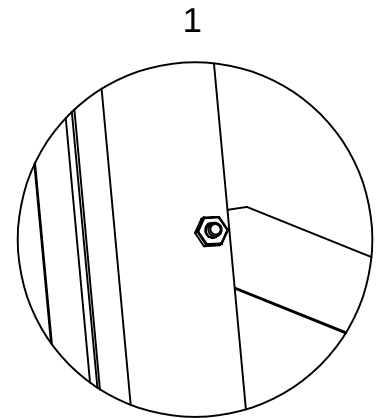
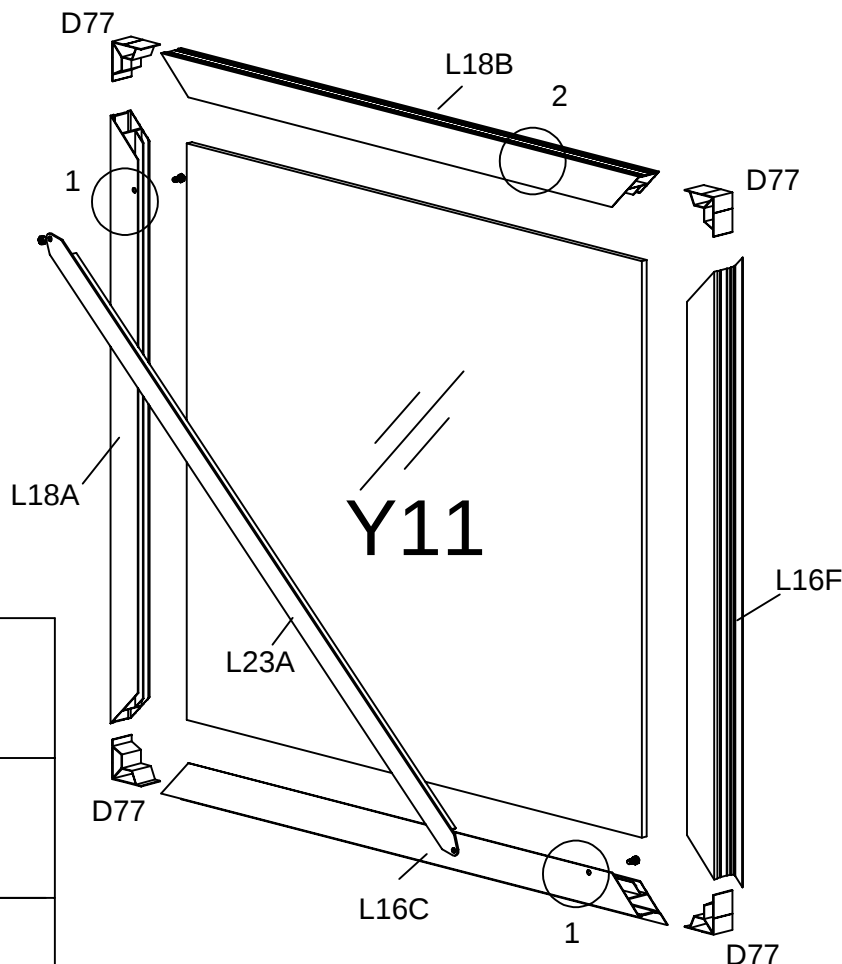
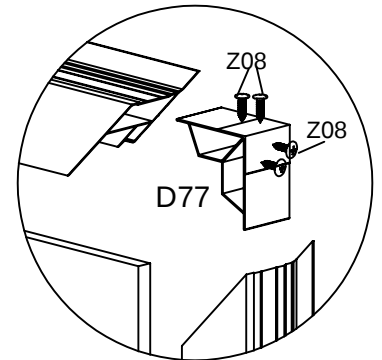
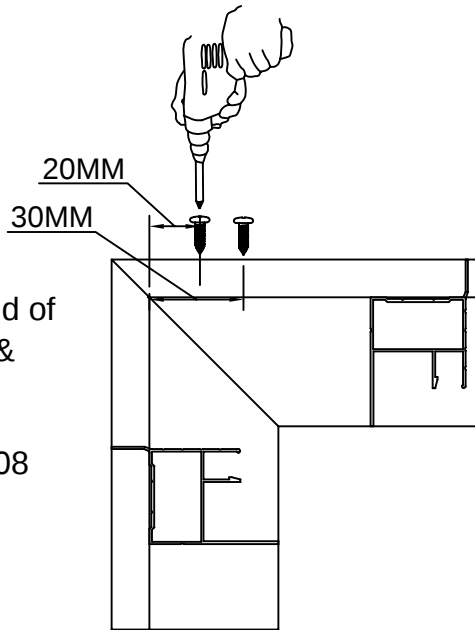
Door-R1 Assembly

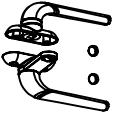
Insert Connector D77 into each end of the profiles L16B & L16D & L16E & L18A, and then mark the distance from each end about 20/30MM. Lastly, secure them with screws Z08 using the powered screw-driver.

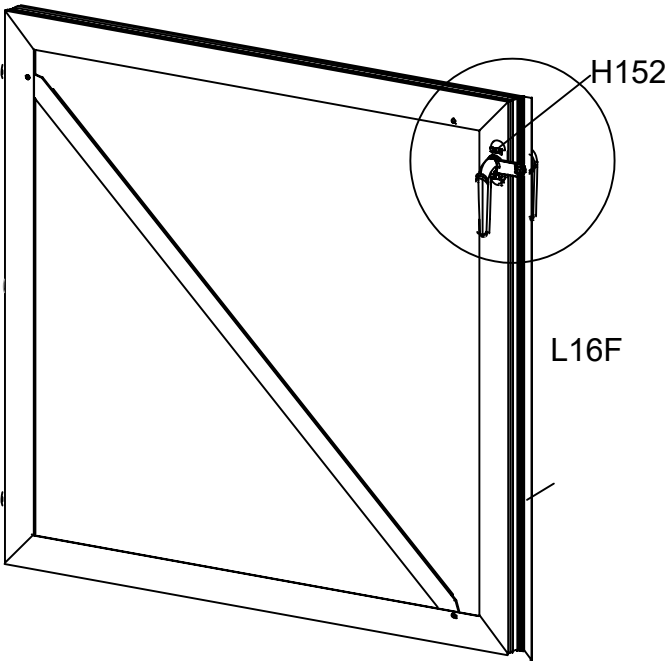


Door-R2 Assembly

Insert Connector D77 into each end of the profiles L16C & L16F & L18A & L18B, and then mark the distance from each end about 20/30MM. Lastly, secure them with screws Z08 using the powered screw-driver.

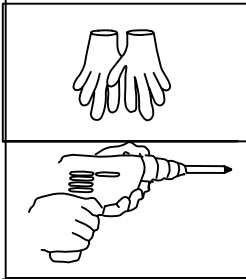
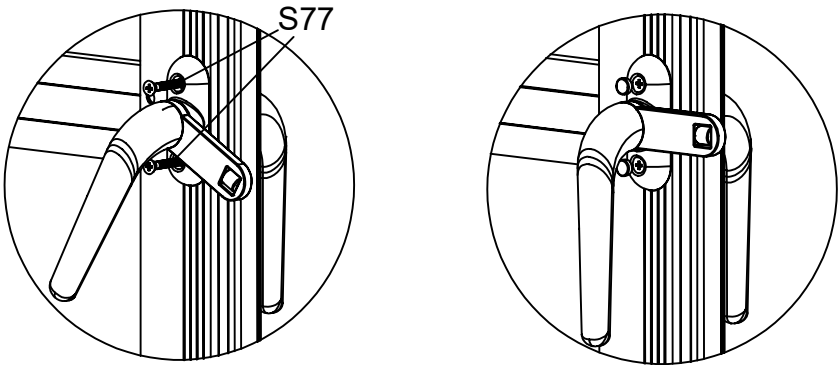
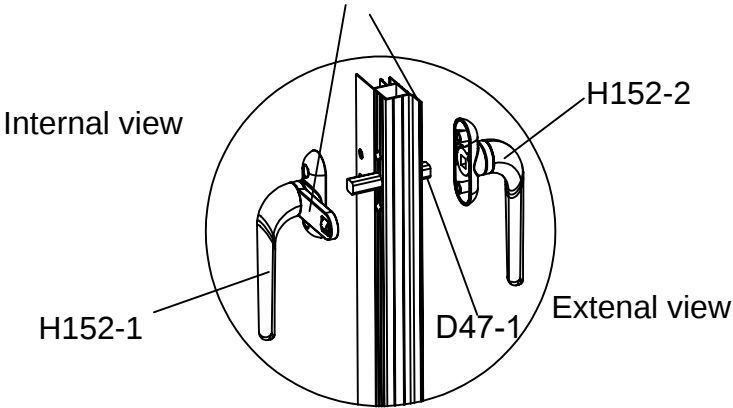


PART	NO	QTY
	H152	1
	D47-1	1
	S77 M4X50	2



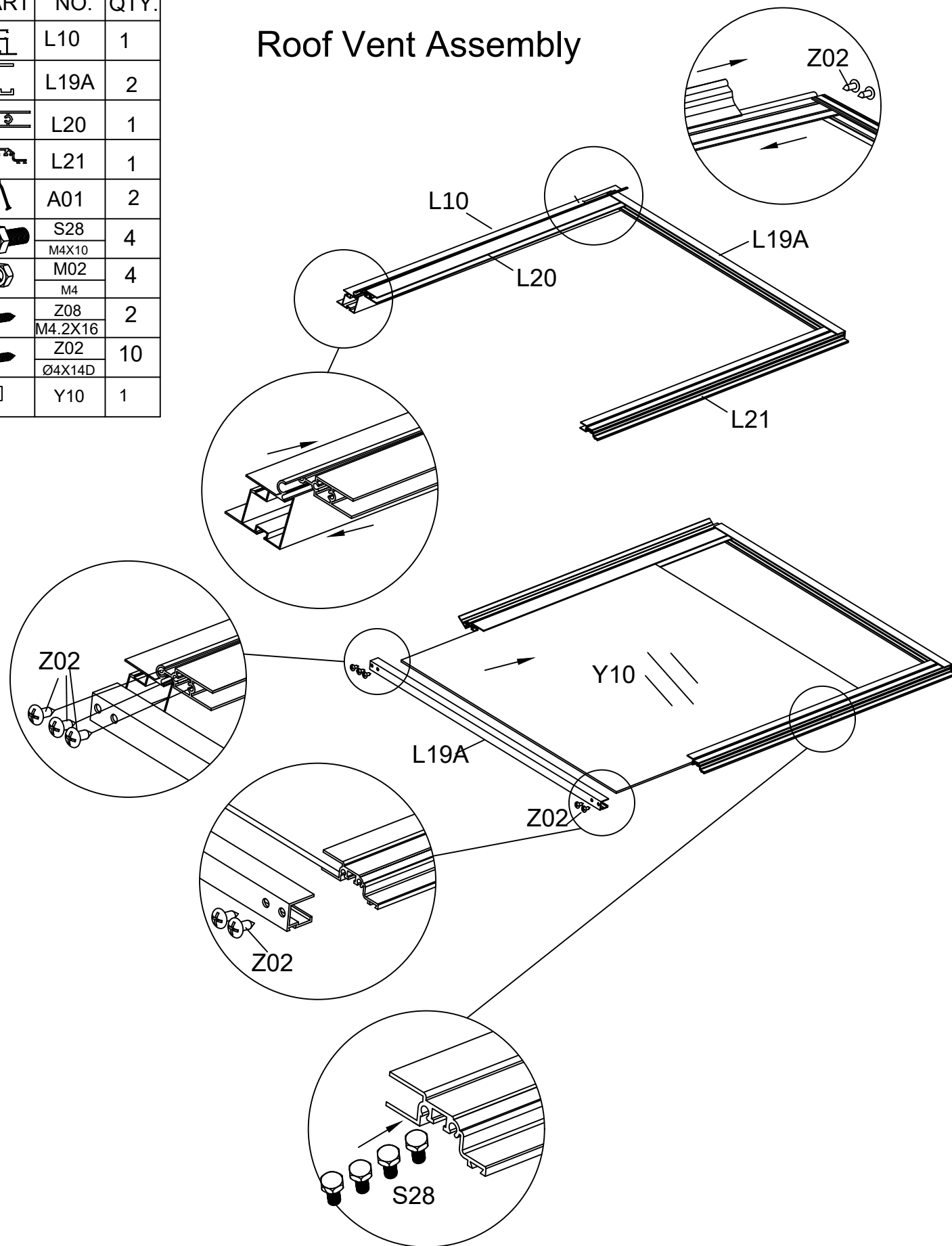
After installing the door, attach handle H152.
 First, insert D47 into the door hole, then install H152.
 When installing, ensure that the long tongue of H152-1
 faces towards the edge of the door, and align the
 square hole of H152-1/2 with D47 before inserting it.
 Secure it in place with screw S77, and finally,
 attach the decorative cover.

Pay attention to the installation direction

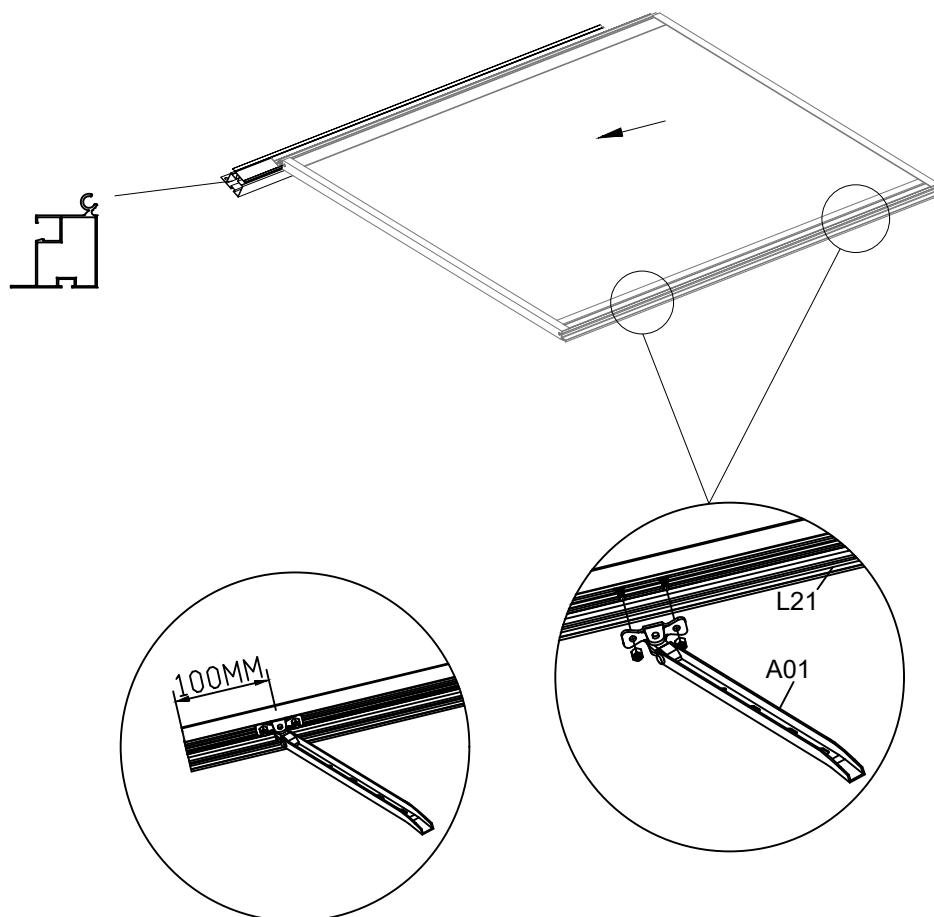


PART	NO.	QTY.
	L10	1
	L19A	2
	L20	1
	L21	1
	A01	2
	S28 M4X10	4
	M02 M4	4
	Z08 M4.2X16	2
	Z02 Ø4X14D	10
	Y10	1

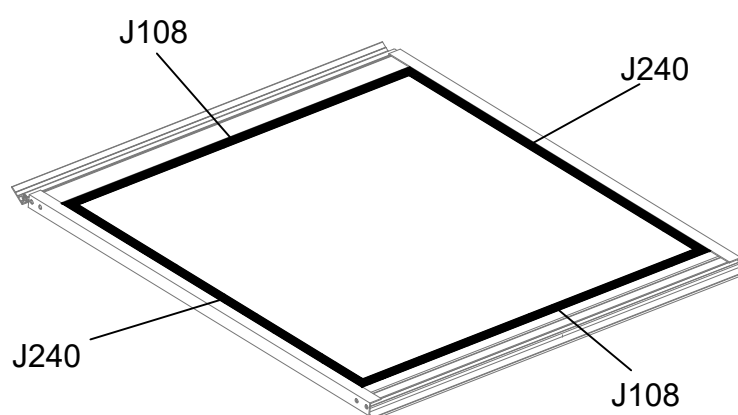
Roof Vent Assembly



PART	NO	QTY
	J108	2M
	J240	1.2M

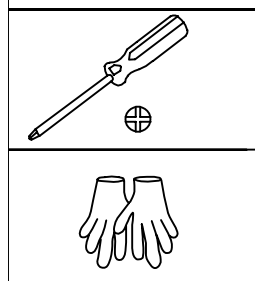
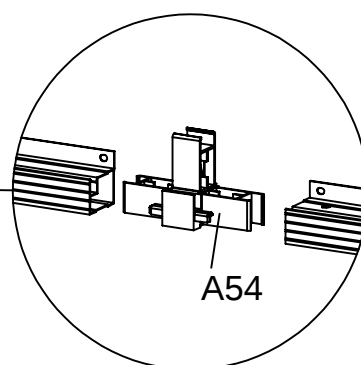
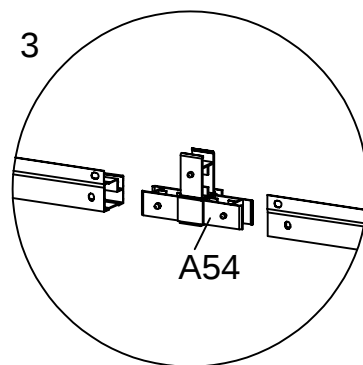
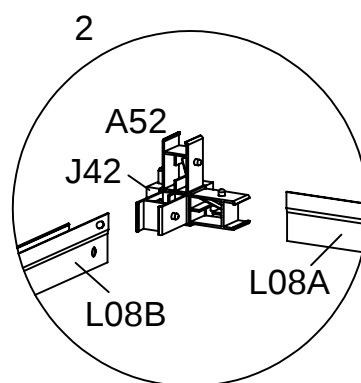
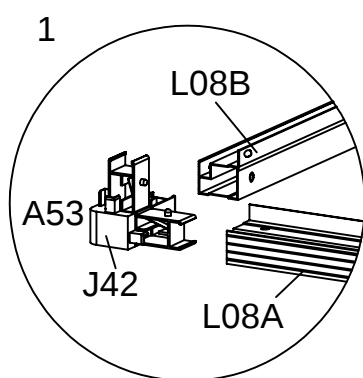
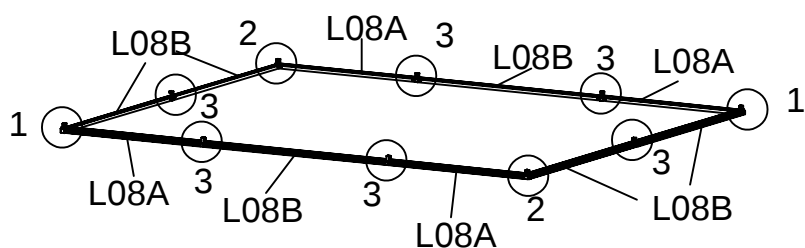


Fix 2xA01 by S28/M02 in L21,
leave 100mm each side

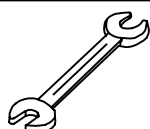
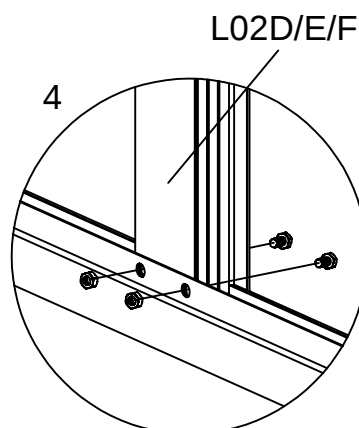
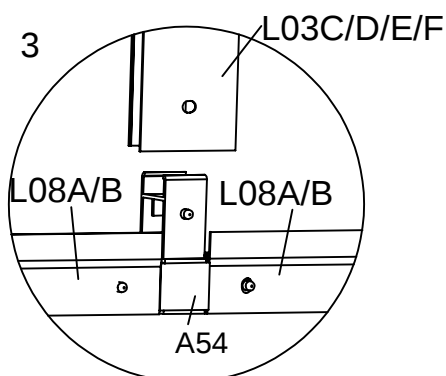
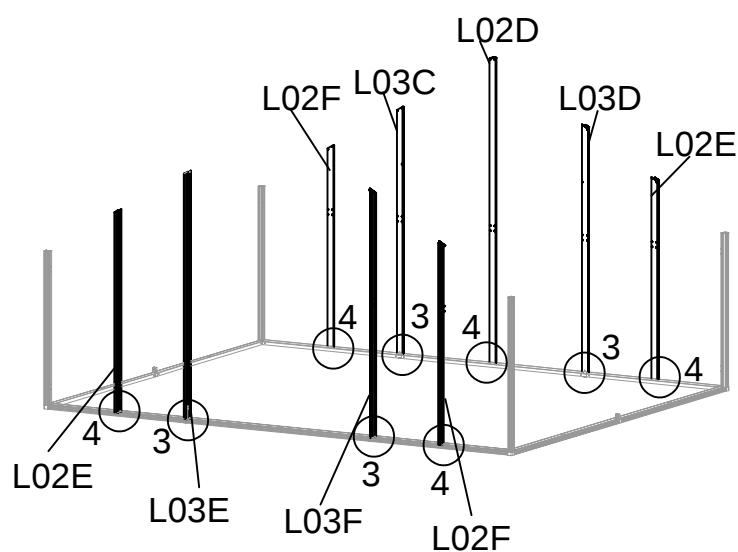
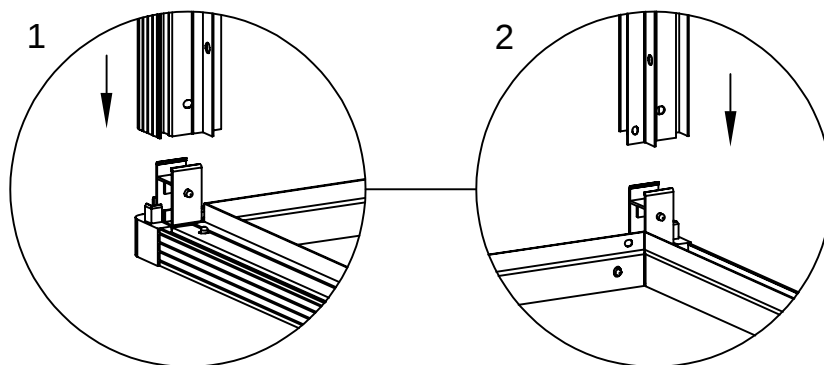
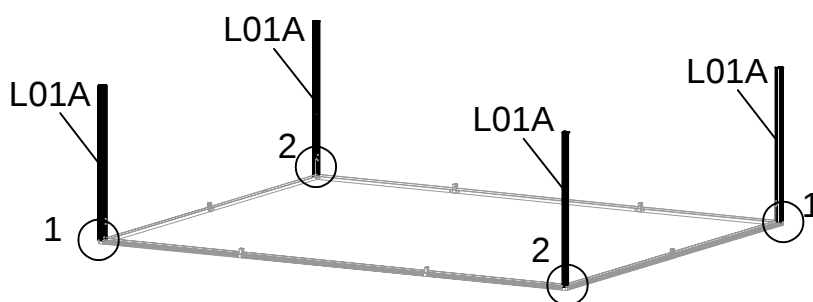


If glass is chosen, please seal it with rubber (J108&J240) provided.
If polycarbonate sheet is chosen, rubber is not provided.
Please seal it with silicone sealant (not provided).

PART	NO	QTY
	L08A	4
	L08B	6
	A52	2
	A53	2
	A54	6
	J42	4
	J54	6

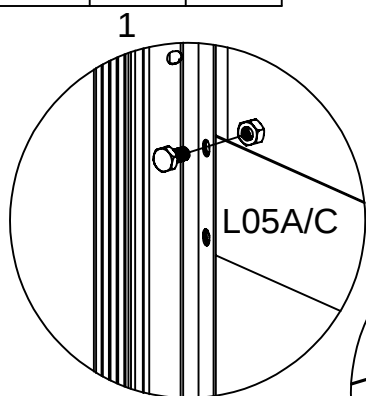
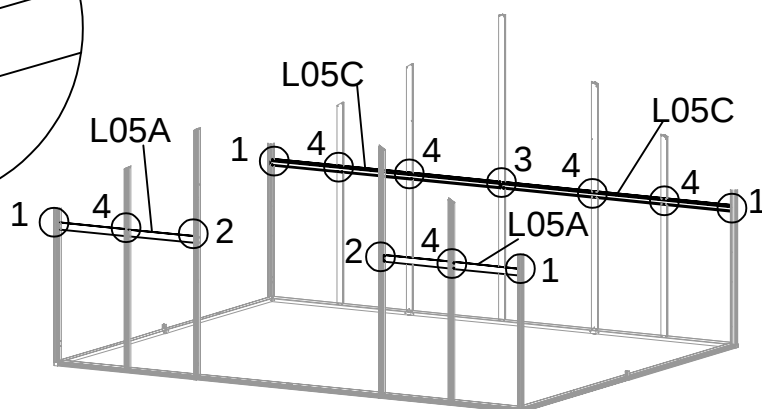
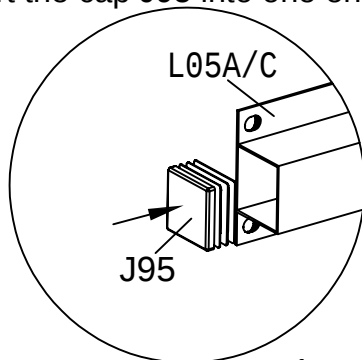


PART	NO	QTY
	L01A	4
	L02D	1
	L02E	2
	L02F	2
	L03C	1
	L03D	1
	L03E	1
	L03F	1
	S05 M6X12	10
	M03 M6	10

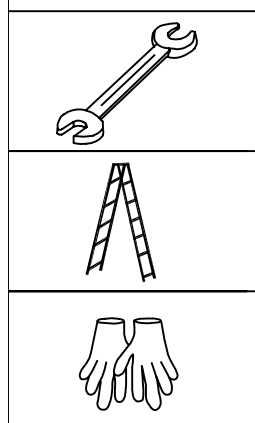
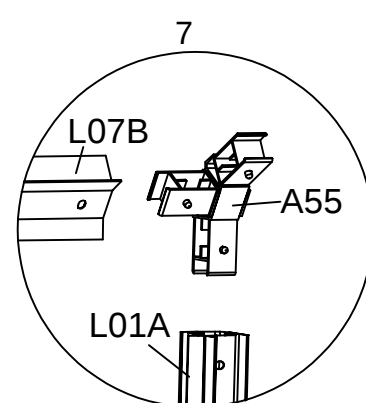
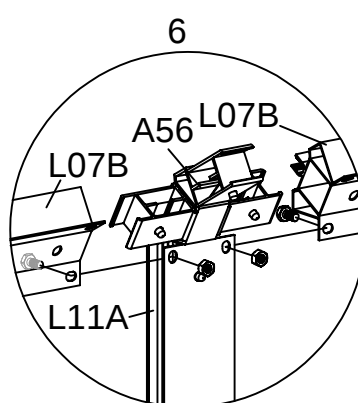
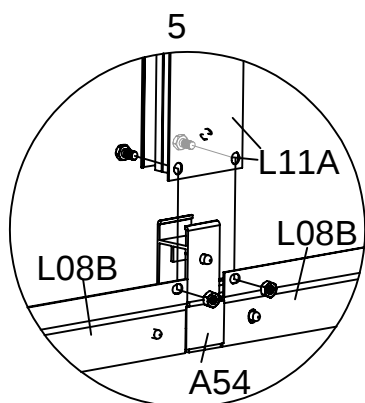
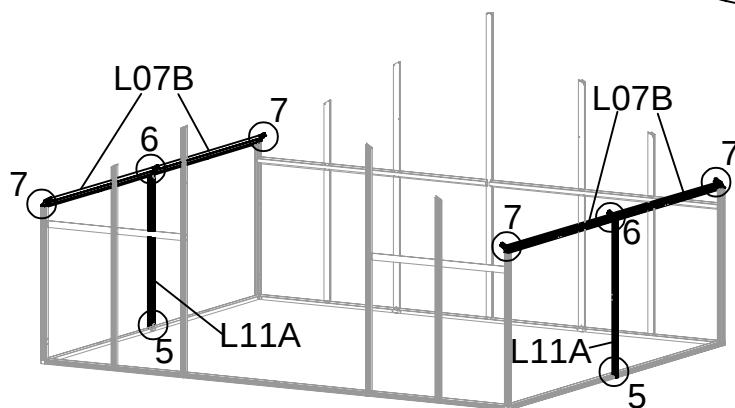
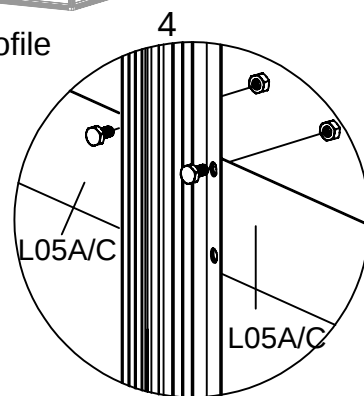
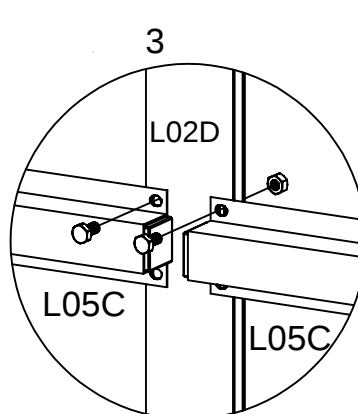
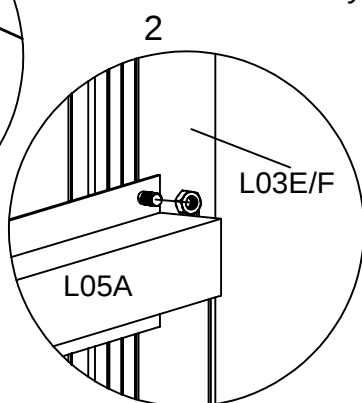


PART	NO	QTY
	L11A	2
	L05A	2
	L05C	2
	L07B	4
	A55	4
	A56	2
	J95	4
	S05	28
	M6X12	
	M03	28
	M6	

Insert the cap J95 into one end of each L05A & C as shown below.

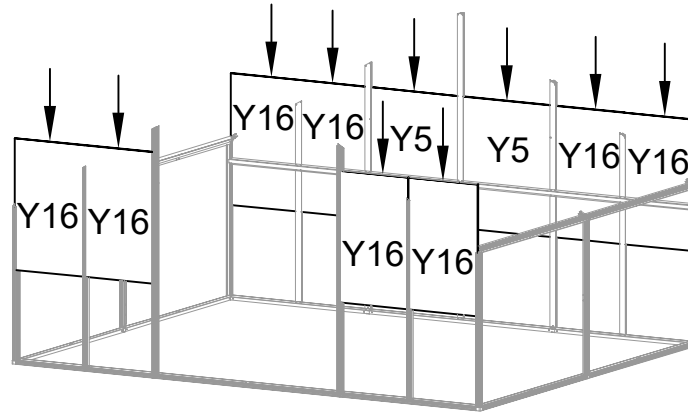


Screw the upper holes of L05A & C onto each profile using bolts & nuts, leaving the underneath holes for the later assembly of L04B & C.

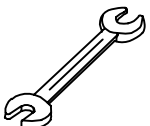
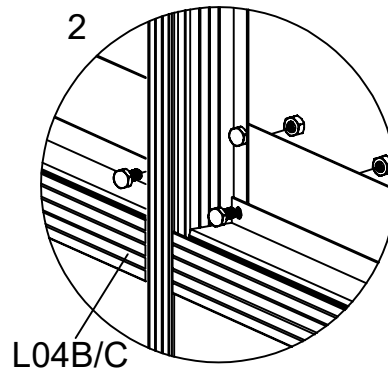
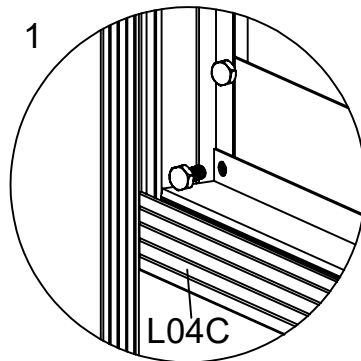
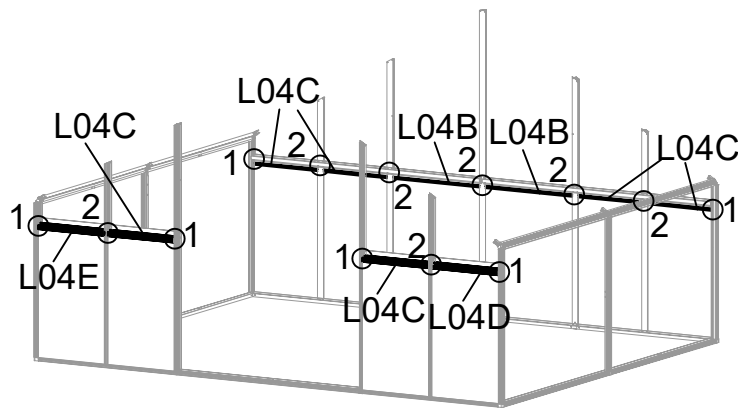


PART	NO	QTY
	L04B	2
	L04C	6
	L04D	1
	L04E	1
	Y5	2
	Y16	8
	S05 M6X12	20
	M03 M6	20

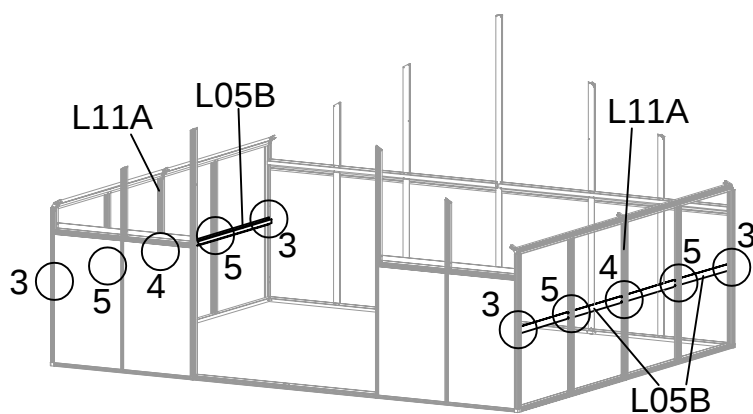
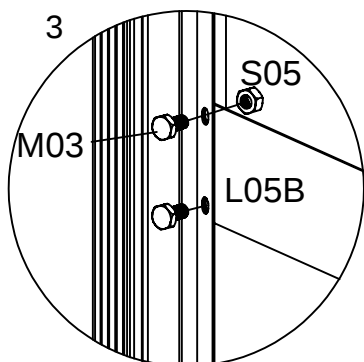
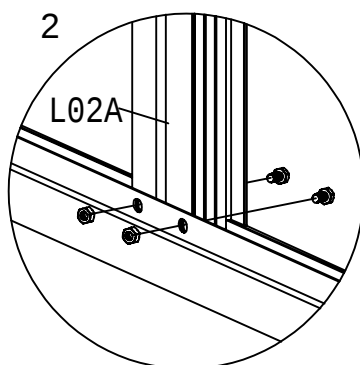
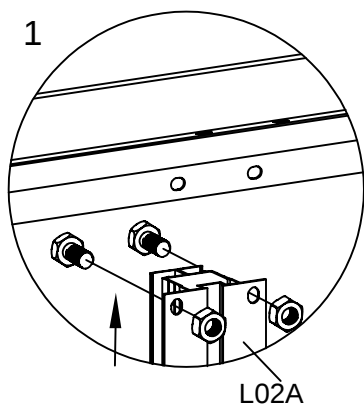
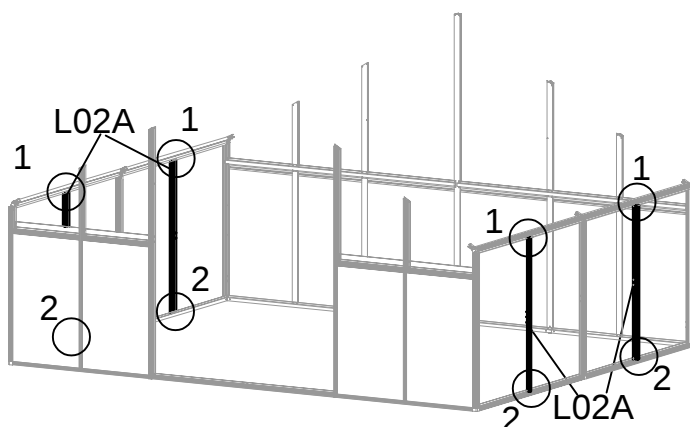
Insert the panel Y5 & Y16 into the channel of the profiles as shown.



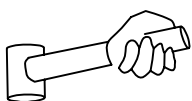
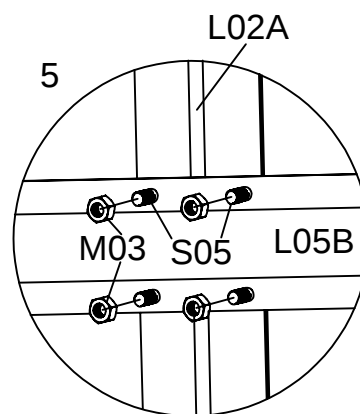
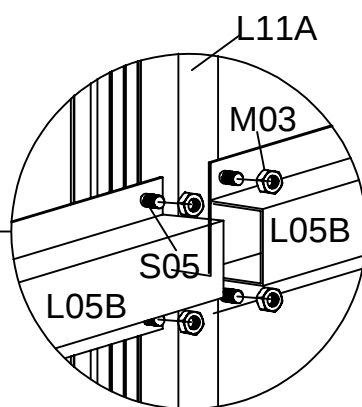
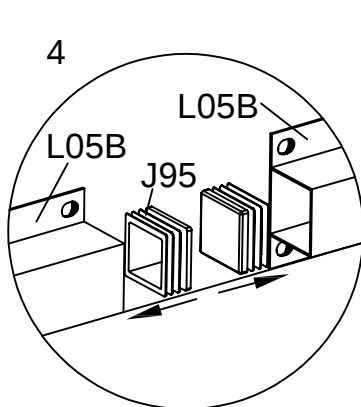
Install each L04B & C through the underneath holes of each L05A & C using S05 & M03.



PART	NO	QTY
	L05B	4
	L02A	4
	J95	4
	S05 M6X12	48
	M03 M6	48

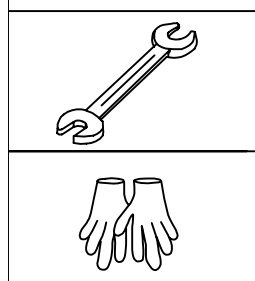
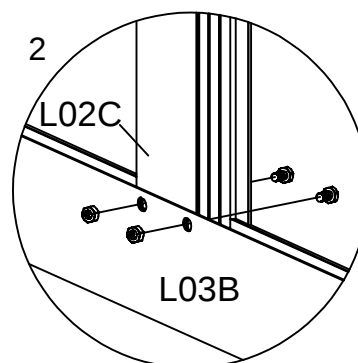
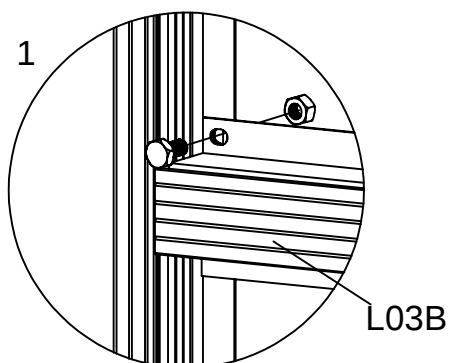
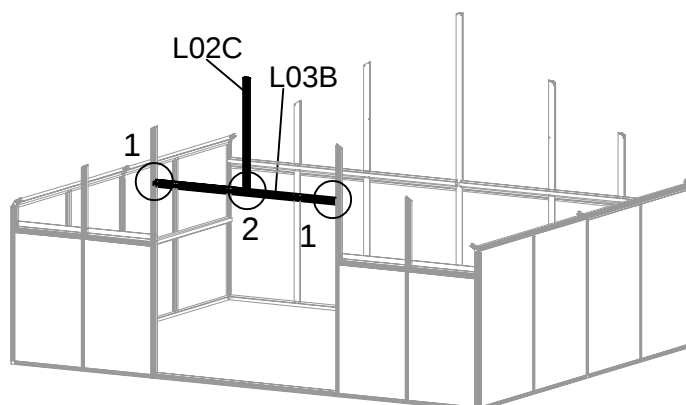
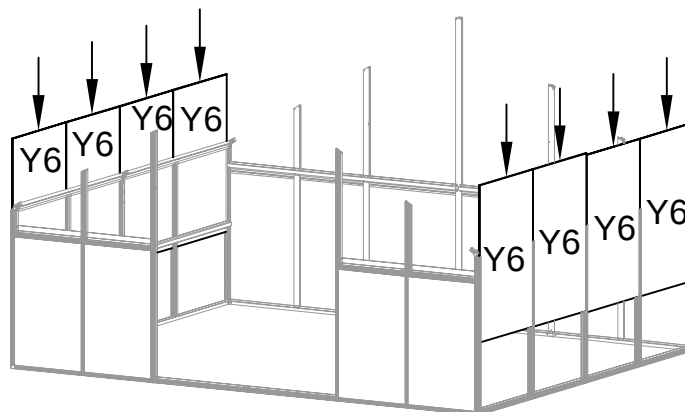


Insert the cap J95 into one end of each L05B as shown on figure 4.



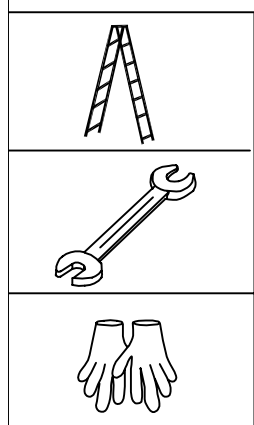
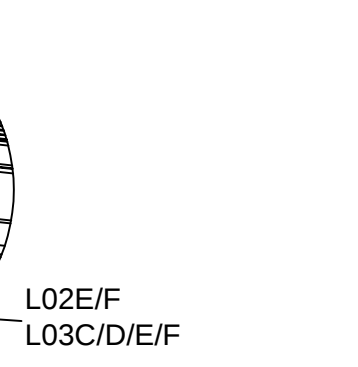
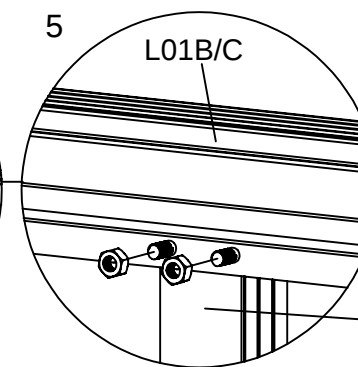
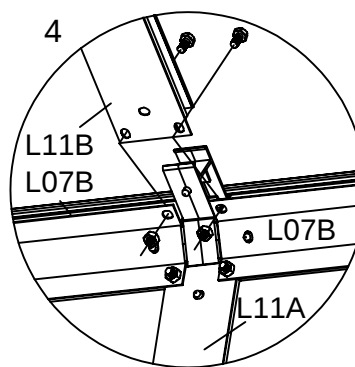
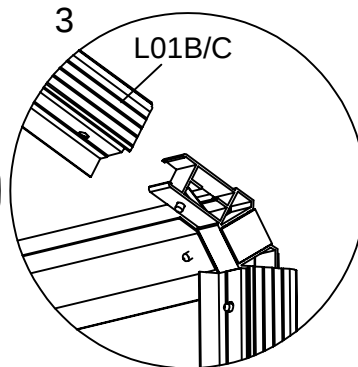
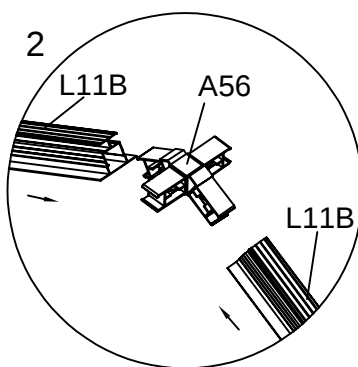
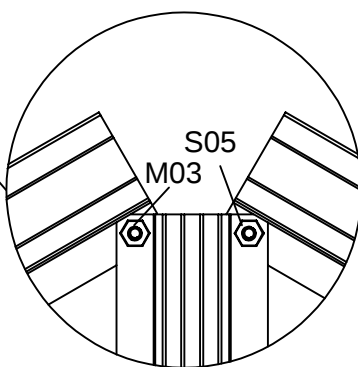
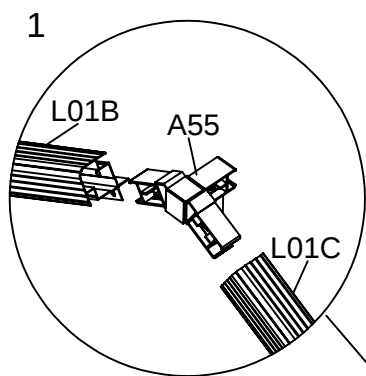
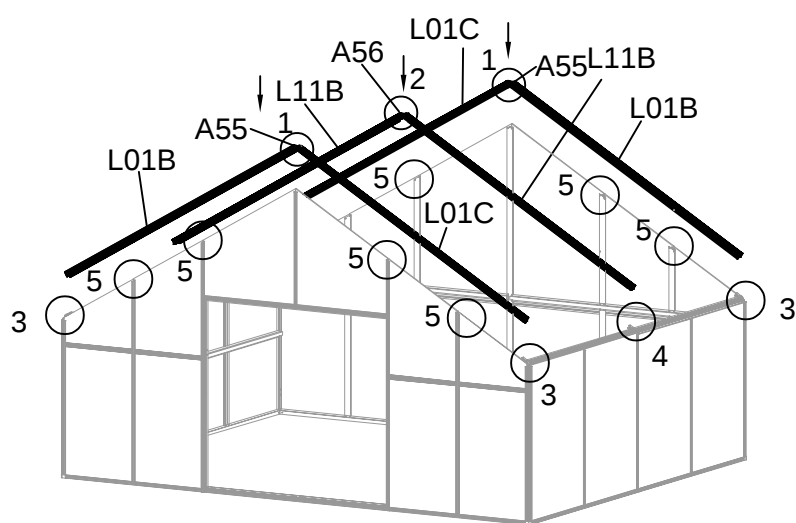
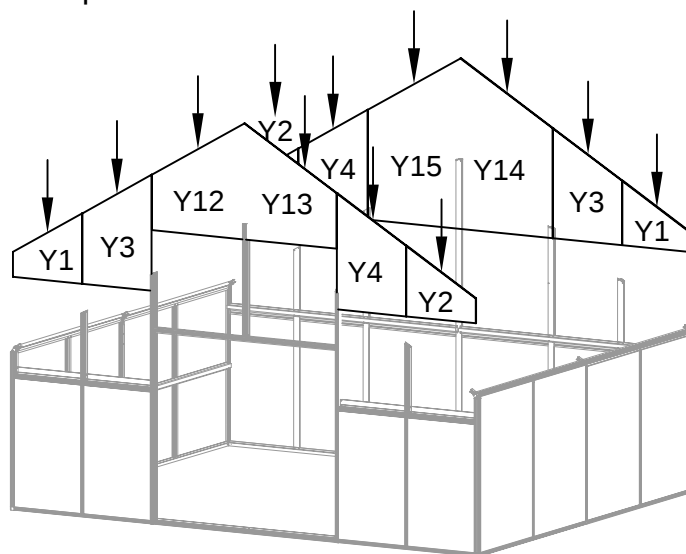
PART	NO	QTY
	L02C	1
	L03B	1
	Y6	8
	S05 M6X12	4
	M03 M6	4

Insert the panel Y6 into the channel of the profiles as shown.

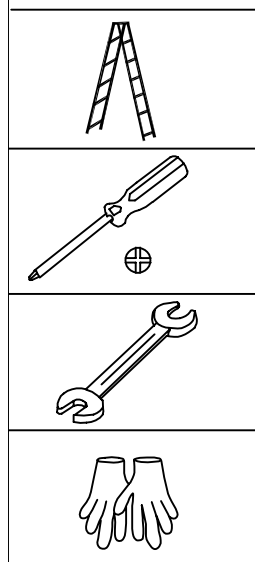
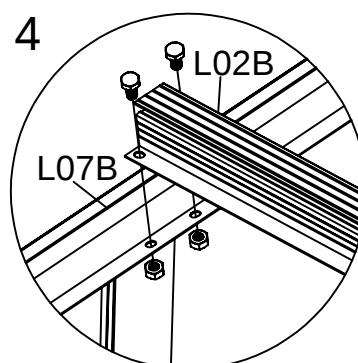
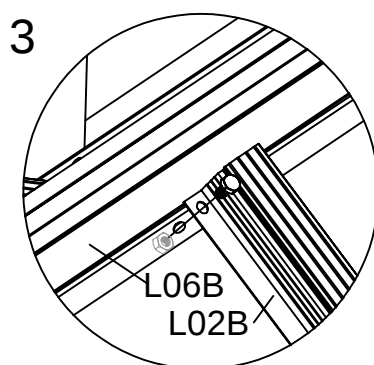
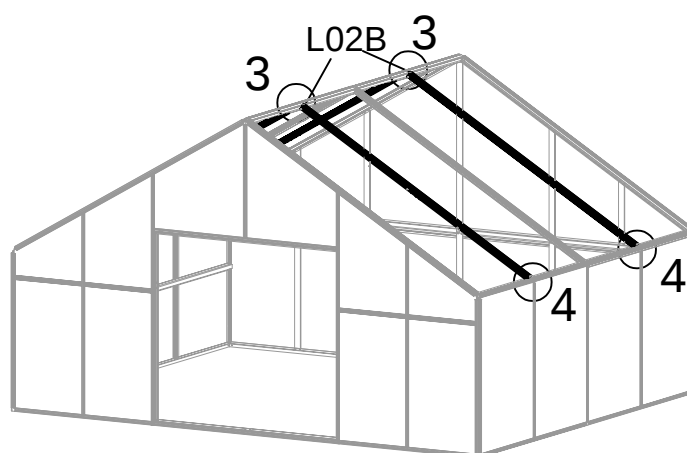
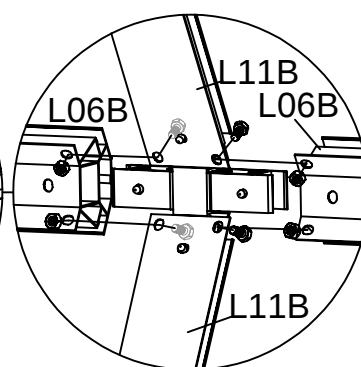
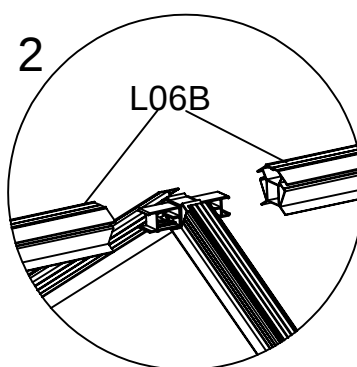
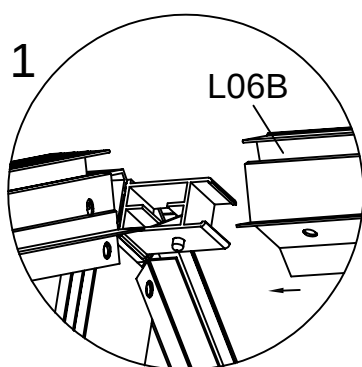
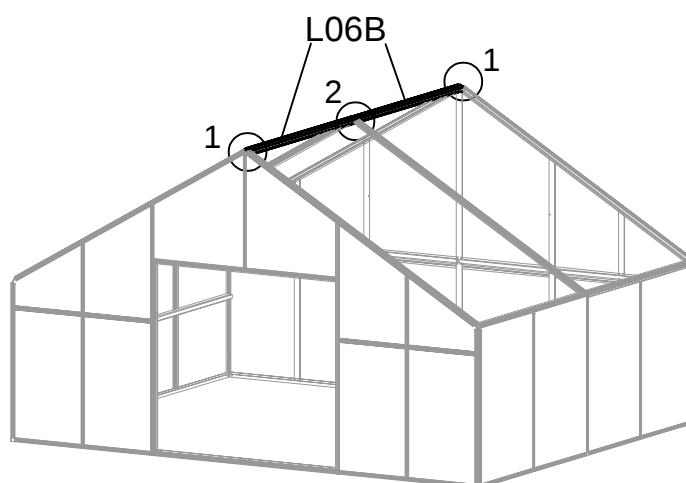


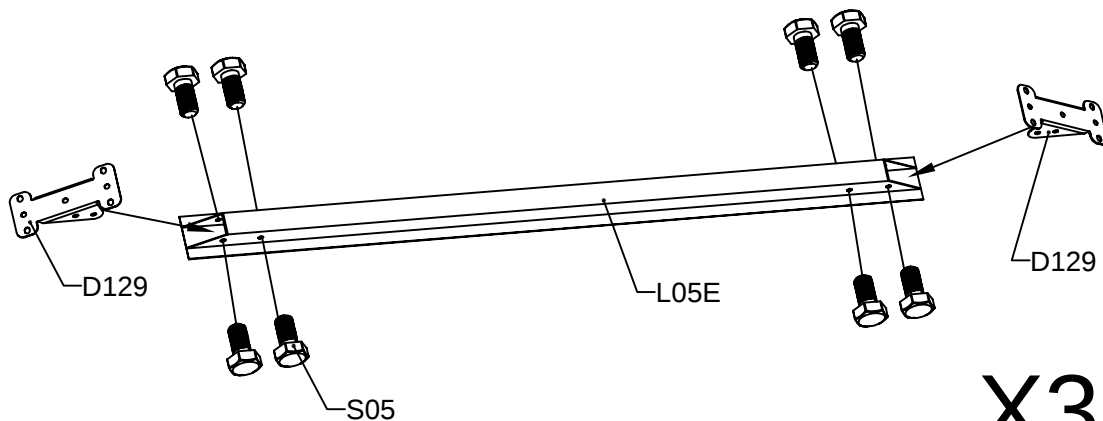
PART	NO	QTY
	L01B	2
	L01C	2
	L11B	2
	Y1	2
	Y2	2
	Y3	2
	Y4	2
	Y12	1
	Y13	1
	Y14	1
	Y15	1
	A55	2
	A56	1
	S05 M6X12	24
	M03 M6	24

Insert the related panels as shown.



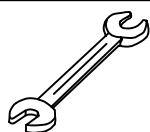
PART	NO	QTY
	L02B	4
	L06B	2
	S05	20
	M6X12	
	M03	20
	M6	



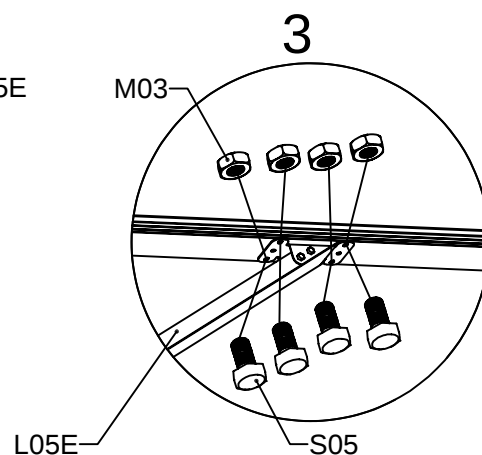
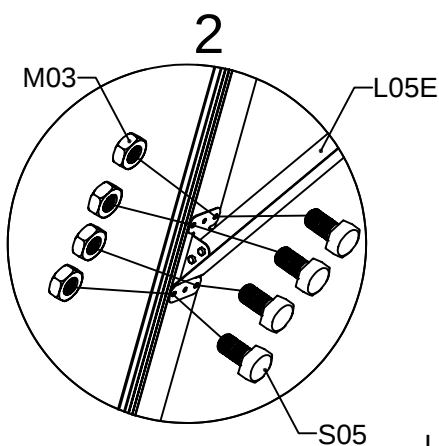
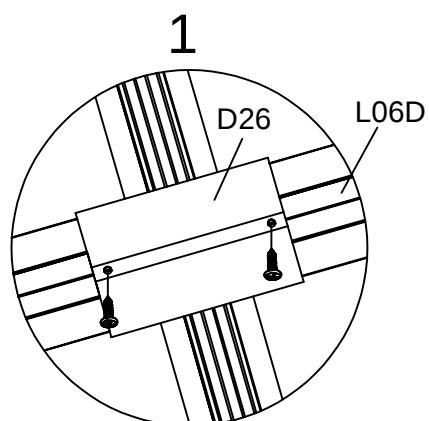
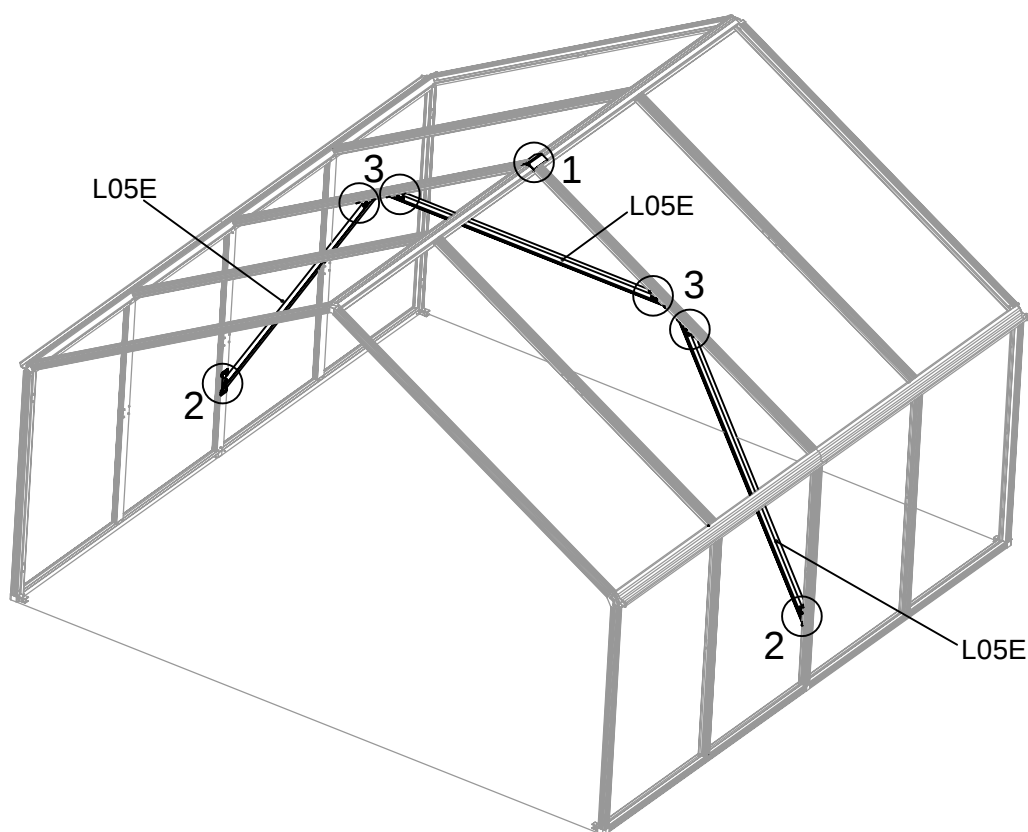


PART	NO	QTY
	L05E	3
	D26	1
	D129	6
	Z08 M4.2X16	2
	S05 M6X12	48
	M03 M6	24

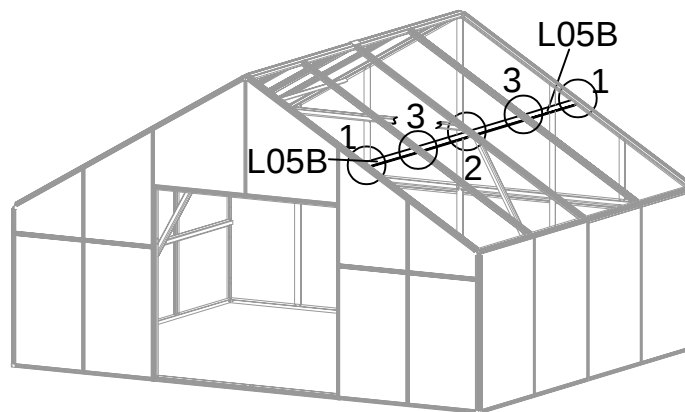
X3



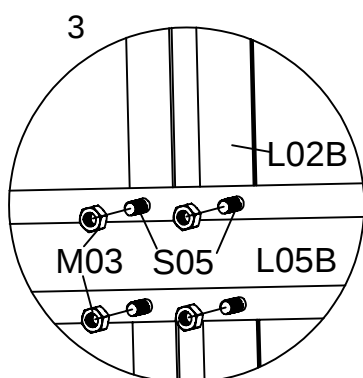
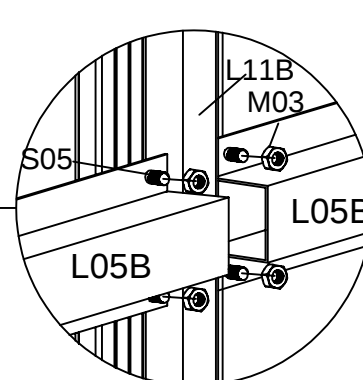
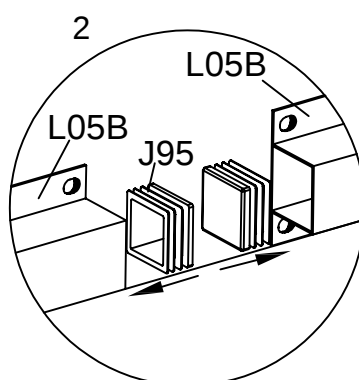
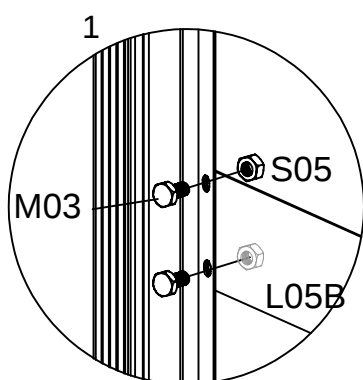
When installing the L05E before tightening the nuts and bolts, push up from under the ridge near the join to ensure the entire ridge is straight.



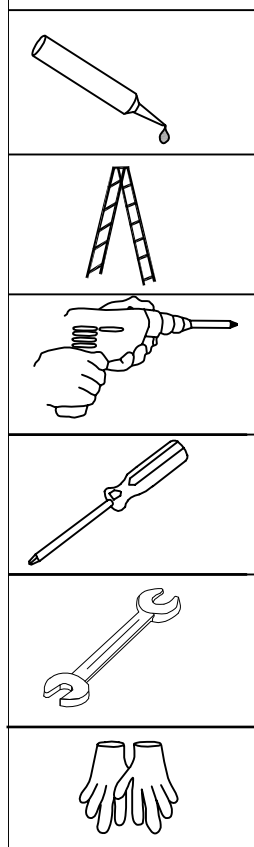
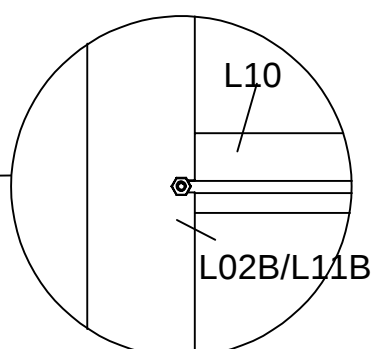
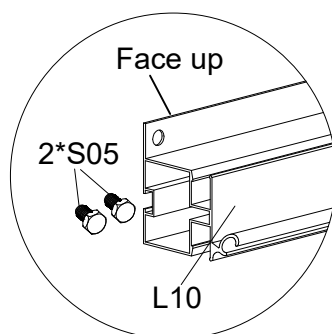
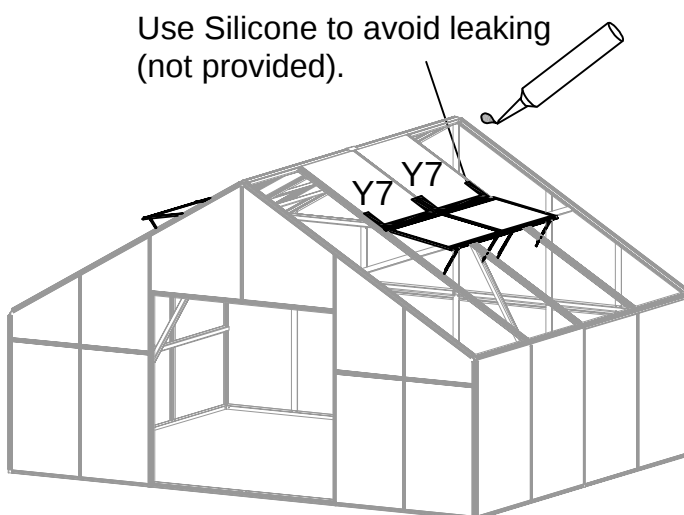
PART	NO	QTY
	Vent	4
	L05B	4
	J95	4
	S05 M6X12	40
	M03 M6	40
	Y7	4



Insert the cap J95 into one end of each L05B as shown on figure 2

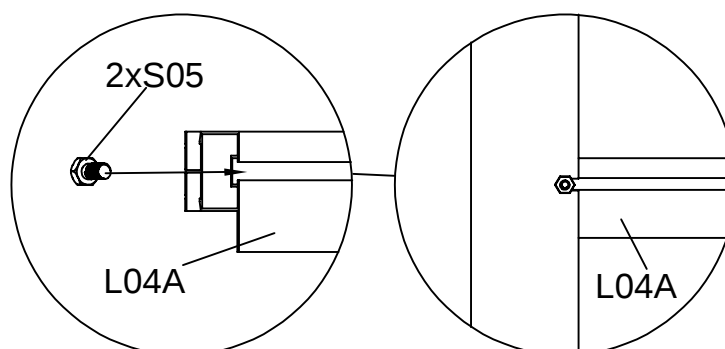
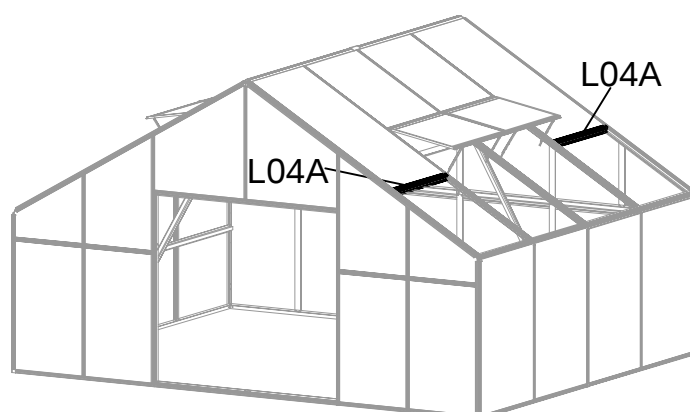
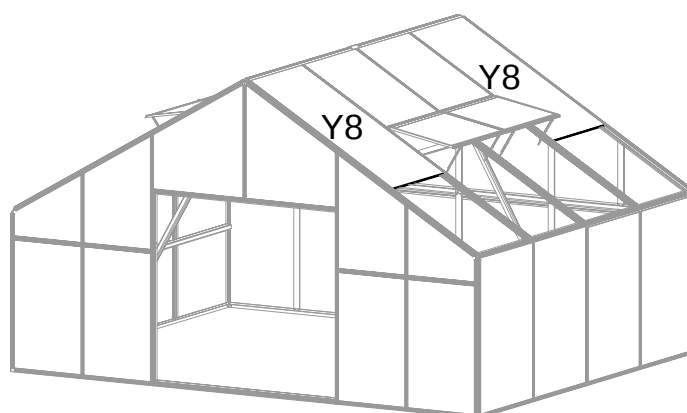


Use Silicone to avoid leaking (not provided).

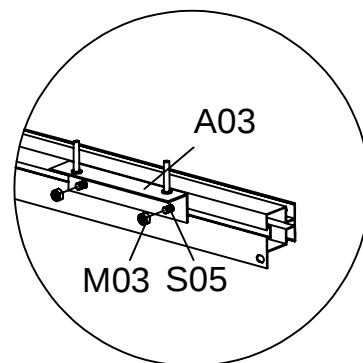
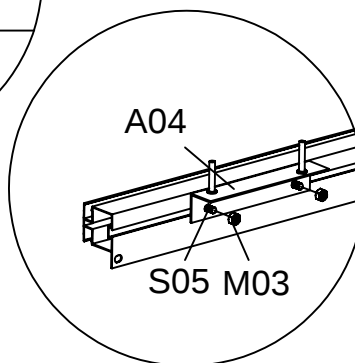
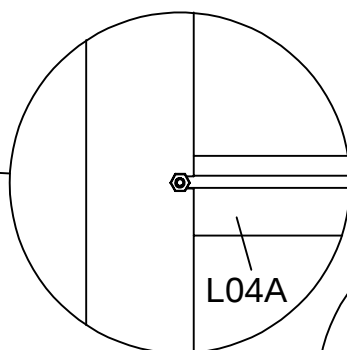
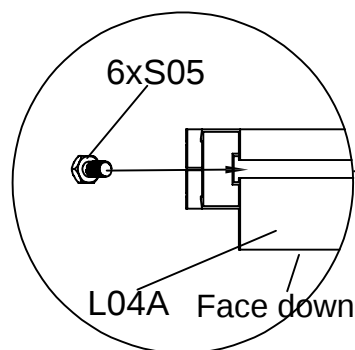
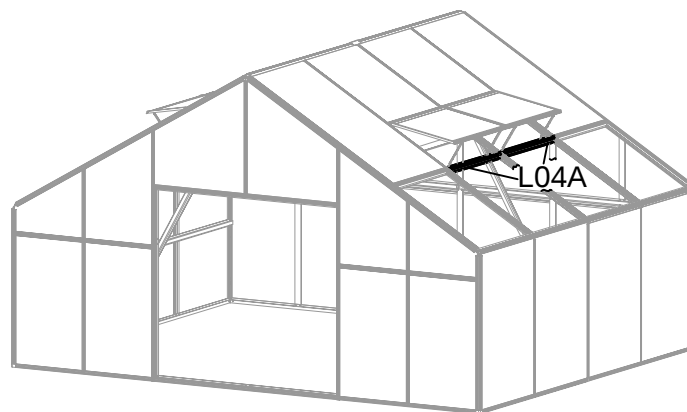


PART	NO	QTY
	L04A	4
	S05	8
	M6X12	
	M03	8
	M6	
	Y8	4

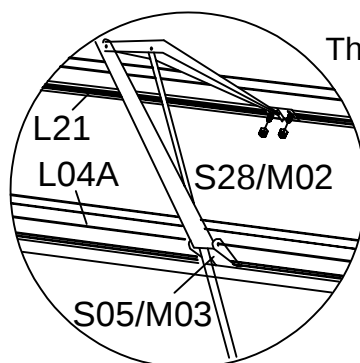
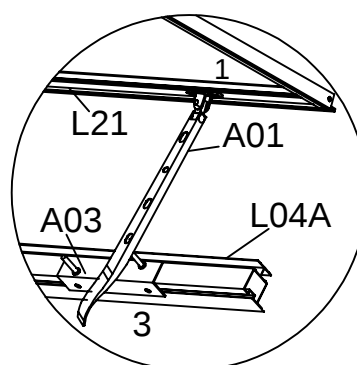
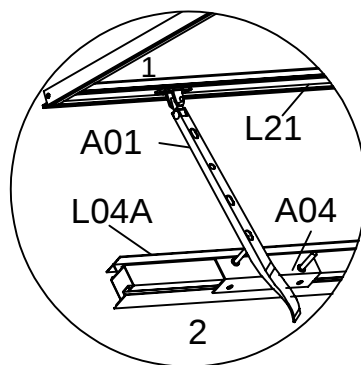
Insert the panel Y8 as shown.



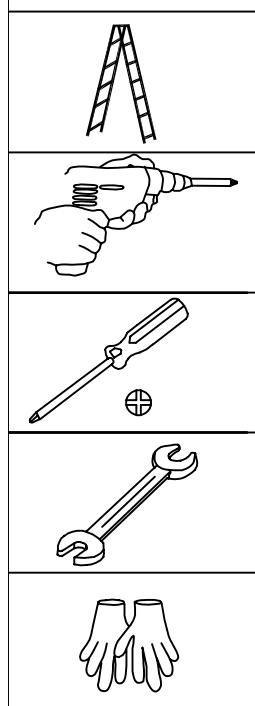
PART	NO	QTY
	L04A	4
	A03	4
	A04	4
	S05 M6X12	24
	M03 M6	24



Place A03 & A04 to a proper position that can lock with A01, then secure them using bolts & nuts.

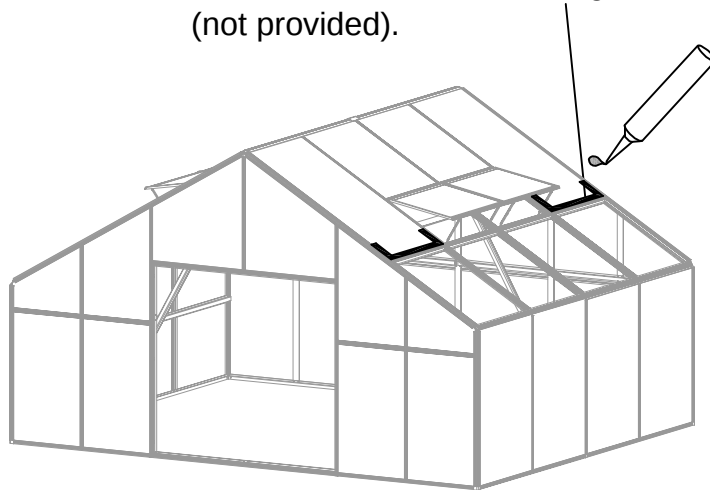


This shows how to install Automatic Opener.

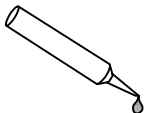
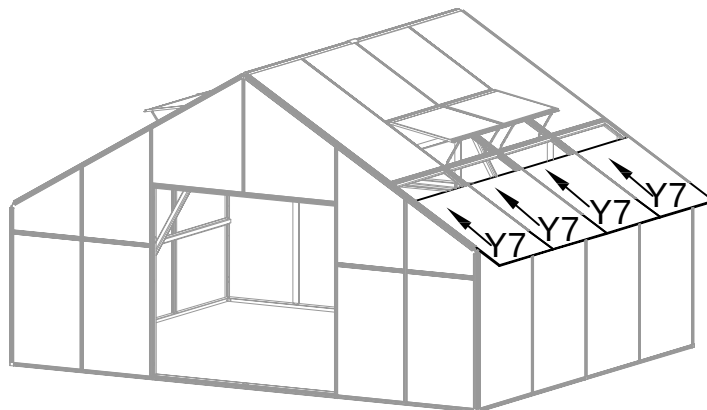


PART	NO	QTY
	Y7	8

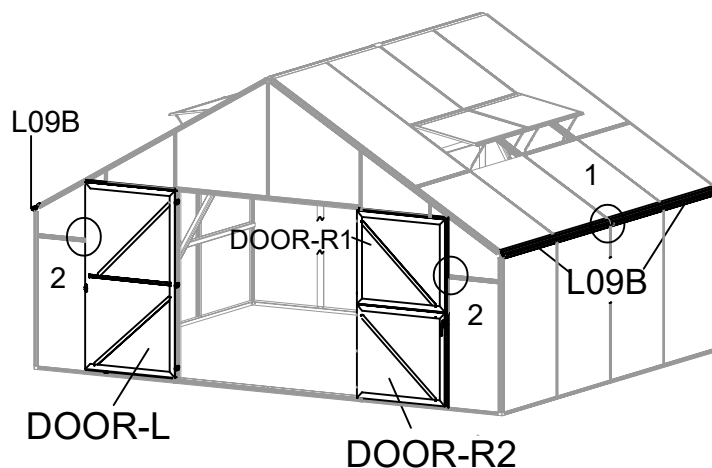
Once L04A & L10 are in place.
Use Silicone to avoid leaking
(not provided).



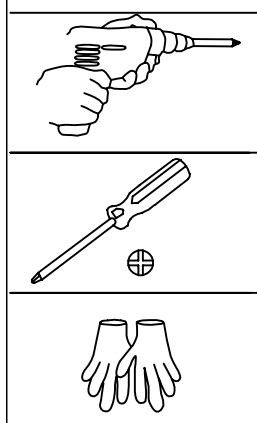
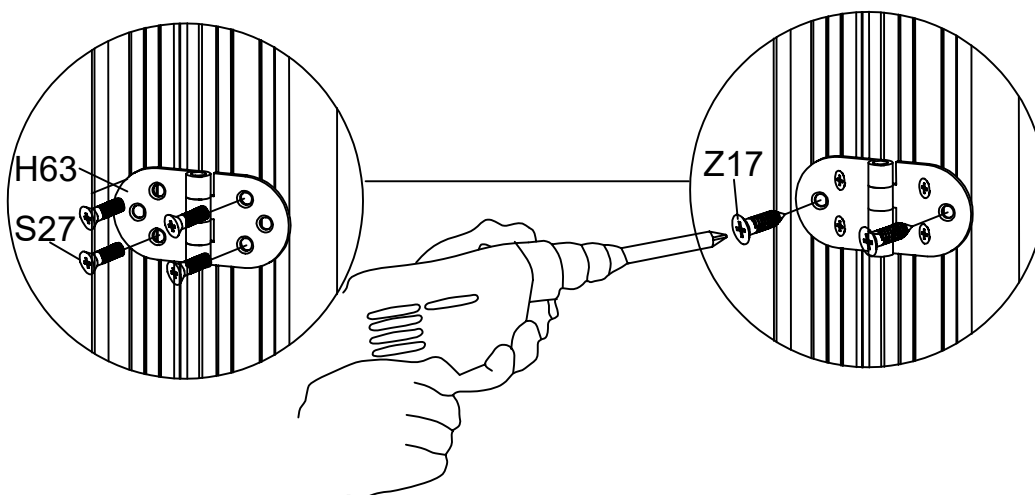
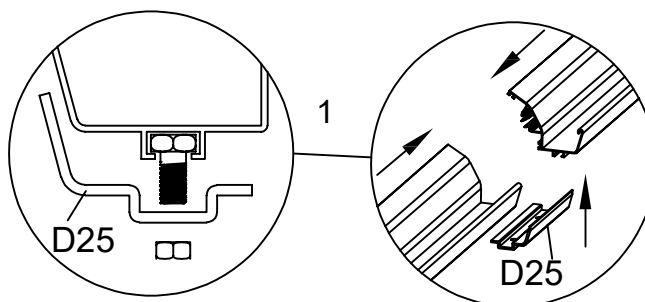
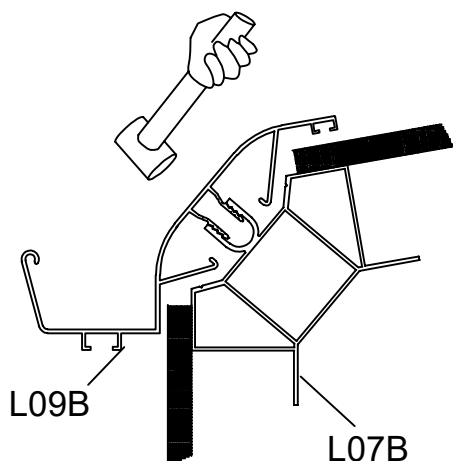
Insert the panel Y7 as shown.



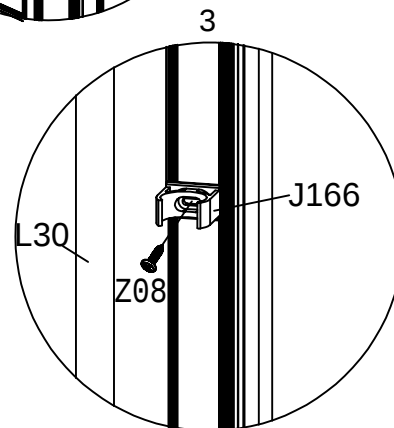
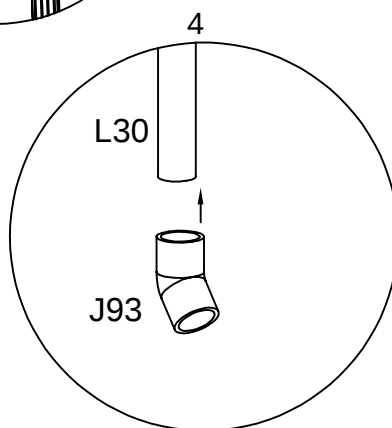
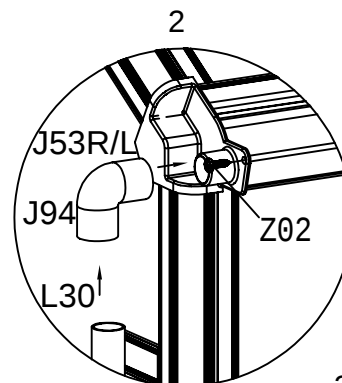
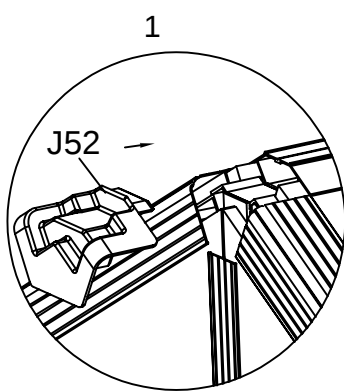
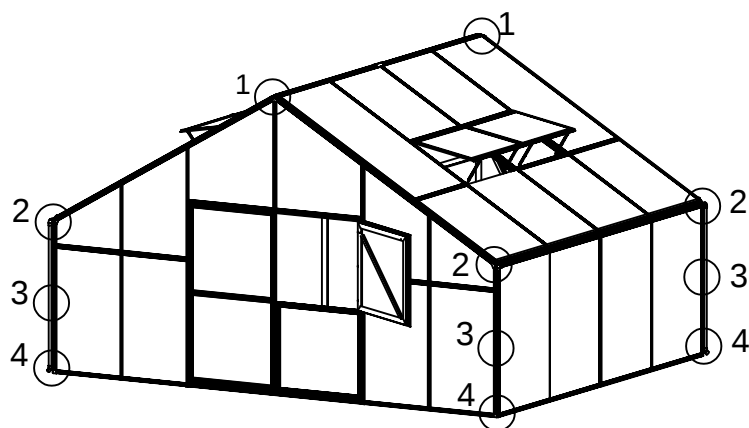
PART	NO	QTY
	H63	9
	L09B	4
	D25	2
	Z17	18
	M4.8X16	
	S27	
	M5X12	36
	S05	
	M6X12	
	M03	4
	M6	



Once all panels are in place.
Then tap each L09B gently into the groove
of each L07B with a rubber mallet.

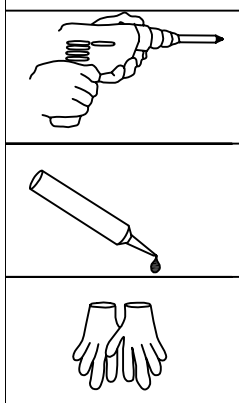


PART	NO	QTY
	J52	2
	J53R	2
	J53L	2
	J94	4
	L30	4
	J93	4
	J166	4
	Z08	4
	M4.2X16	
	Z02	
	Ø4X14D	4



To avoid leaking, using silicone on J53R / L, J93, J94 and L30.

Drill one hole on each L01A approx 700mm up from the bottom, Dia. 3.2mm, then tighten J166 with Z08, and push L30 into the channel of J166 as shown above.



WARRANTY INFORMATION:

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