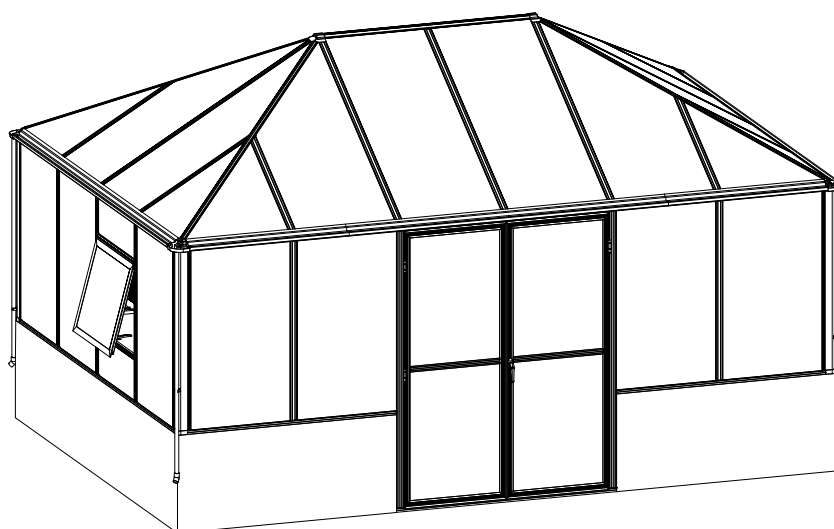


Assembly Instructions



MODEL: GEB604

PRODUCT SIZE(LxWxH):436x295x270cm

PLEASE READ CAREFULLY BEFORE ASSEMBLY

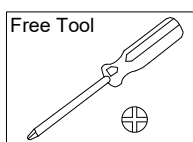
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1. Assembly Advice	Page 1
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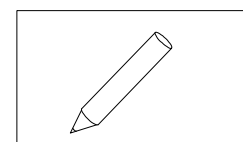
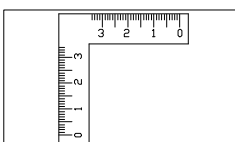
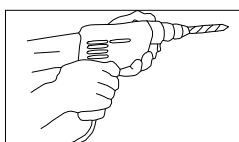
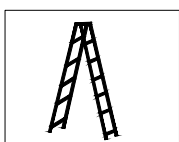
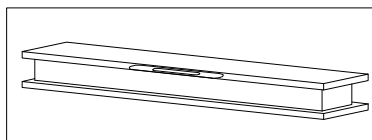
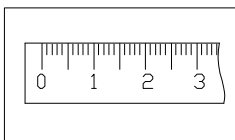
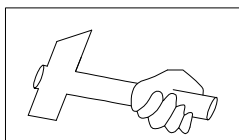
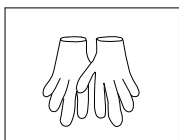
Assembly and Maintenance Advice

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.

Tools Provided:



Tools Required when Assembly (Not Provided)



Assembly at least by two Persons

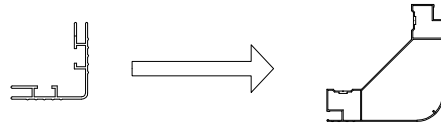


Important:

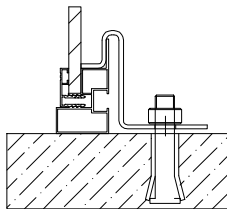
Rubber is not provided if you choose polycarbonate sheet as glazing panel.

Functions and Features:

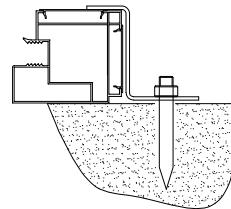
1. Compared with traditional greenhouses this new product features many significant improvements. The hollow box profile aluminium framing is much stronger than other greenhouses and it can withstand much greater pressure.



2. 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).

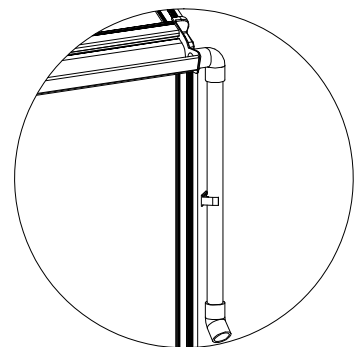


Expansion bolt
in concrete

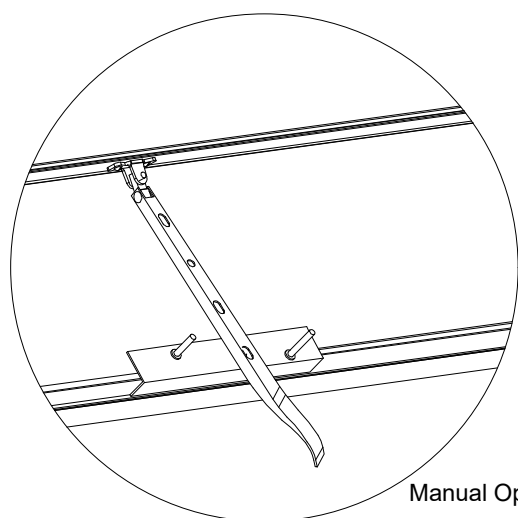


Steel bar/Lawn land

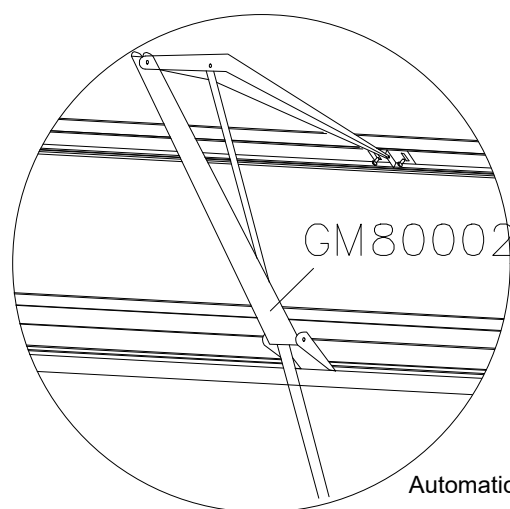
3. Our unique frame connectors make much stronger joints than conventional greenhouses.
4. The strong two part eaves beam includes an integral gutter. Downpipes are also included as standard so you can collect rainwater.



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

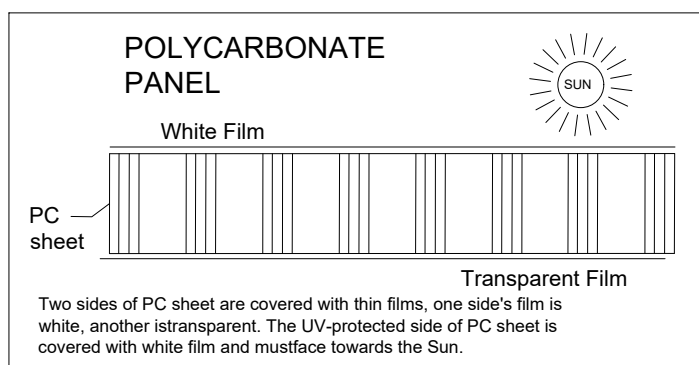


Manual Opener



Automatic Opener

6. Remove approximately 2 inches of film from all sheet edges before installing and remove all film immediately after the construction is completed. Please ensure that the side with the white film faces outwards.



7. POWERED SCREWDRIVER RECOMMENDED

This quality greenhouse features self-tapping screws to provide strong joints. As the name suggests, the screws tap their own thread. Driving in self-tapping screws requires more force than conventional screws. A powered screwdriver is therefore recommended.

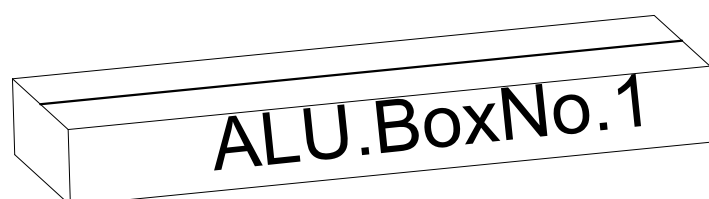
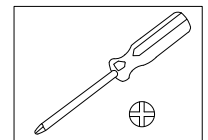
GEB604(ALU.BoxNo.1)

	PART	NO	QTY	
1		L01A	2	4
		L01A	2	
2		L04A	1	
		L04B	1	
3		L05A	4	
4		L07A	2	
5		L07D	2	4
		L07D	2	
6		L07E	2	
7		L08A	2	
		L08D	3	
8		L08E	1	
		L08F	1	
9		L08G	1	
		L09A	2	
10		L09C	2	
11		L09D	2	
12		L09D	2	
13		L23A	4	
14		L25	4	

PART	NO	QTY
	A51	4
	J39	4
	J41	4
	J40	2
	J93	4
	J92	4
	D49	8
	A01	2
	D07	20
	H43	8
	A03	2
	D52	4
	D53	4
	D56	2
	D45	8
	D46	8
	D115	2
	D25	4
	D578	2
	D579	8

PART	NO	QTY
	A89	2
	S05 M6X12	14
	M03 M6	14
	Z08 M4.2X16	255
	Z02 Ø4X16D	5
	Z17 M4.8X16	9
	S08 M8X60	20
	M05 M5	8
	Z06 Ø3.2X10	4

Tools Provided:



GEB604 (ALU Box No. 2)

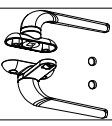
	PART	NO	QTY	
1		L02E	2	
2		L03A	3	11
3		L03A	3	
4		L03A	3	
5		L03A	2	
6		L03B	4	
7		L03C	4	6
8		L03D	4	
9		L03D	2	
10		L03E	2	
11		L03F	2	
12		L05C	7	
13		L05E	5	10
14		L05E	5	
15		L06A	1	
16		L24	1	

DOOR

	PART	NO	QTY	
16		L05G	4	
17		L16A	1	
		L16B	1	
18		L17	2	
19		L18A	2	
		L18B	2	
20		L18C	1	
		L18D	1	

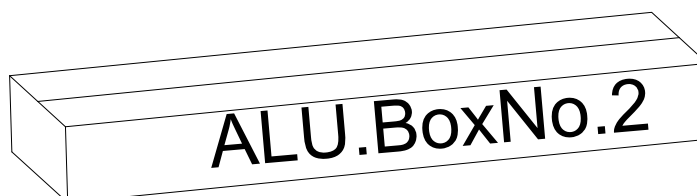
Window

	PART	NO	QTY	
21		L11	2	
22		L19A	4	
		L19B	2	
23		L20	2	

PART	NO	QTY	
	H152	1	
	D47	1	
	S76 M4X32	2	

Optional:

PART	NO	QTY	
	H59	1	
	Z08 M4.2X16	6	



GEB604 (PC/Glass Box No. 1)

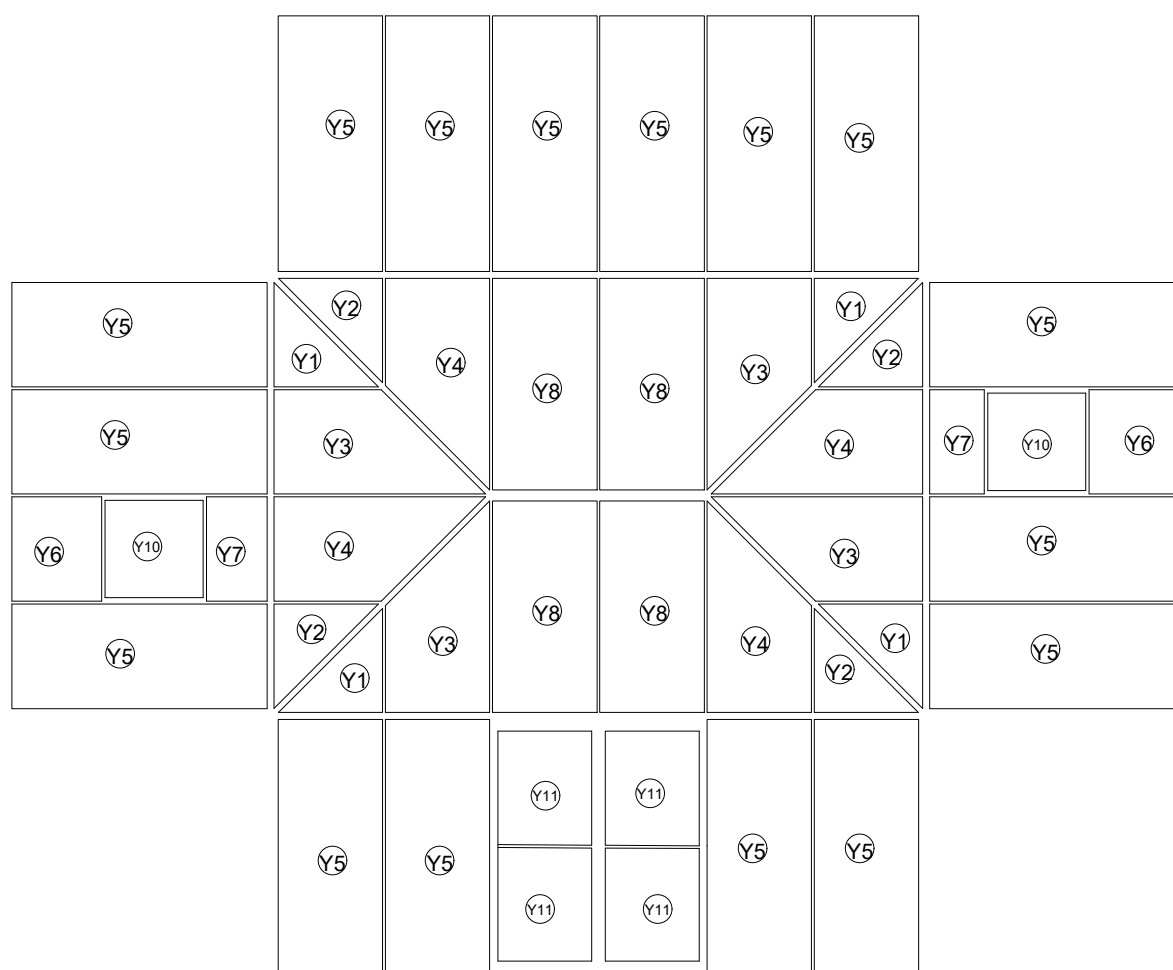
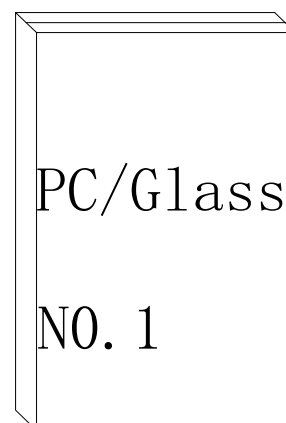
PART	NO	QTY
	Y1	4
	Y2	4
	Y3	4
	Y4	4
	Y5	16
	Y6	2
	Y7	2
	Y8	4
	Y10	2
	Y11	4

PART	NO	QTY
	J107	157+25M

Rubber for walls & roof
(Provided for glass only)

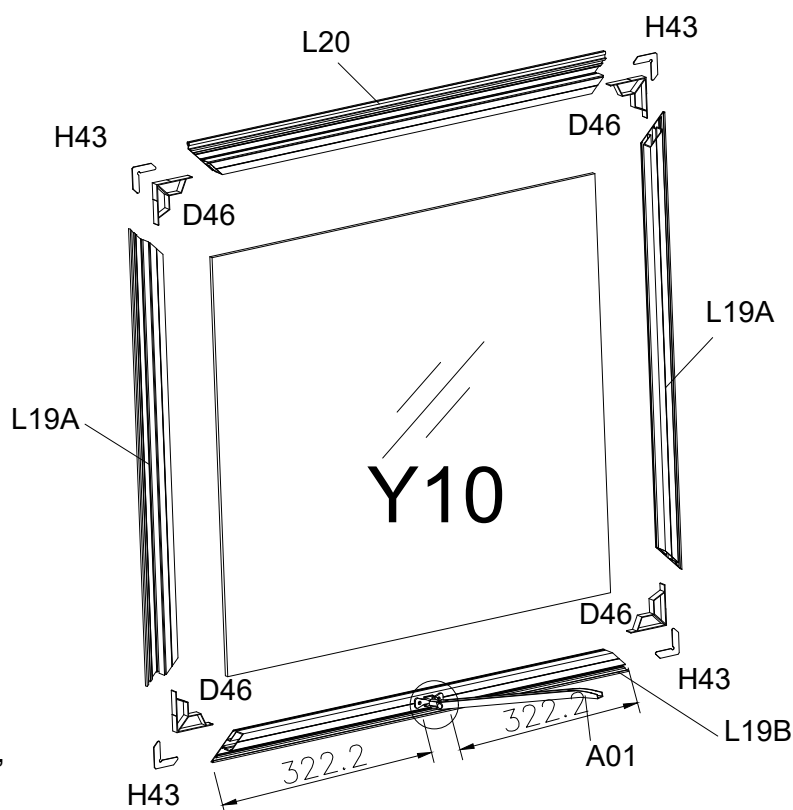
PART	NO	QTY
	J107	95+25M

Rubber for walls only
(Provided for glass only)

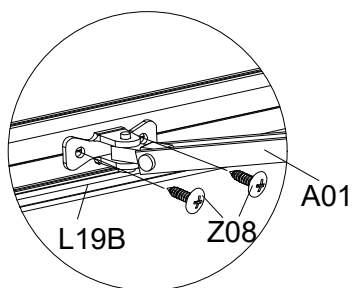


Window X2

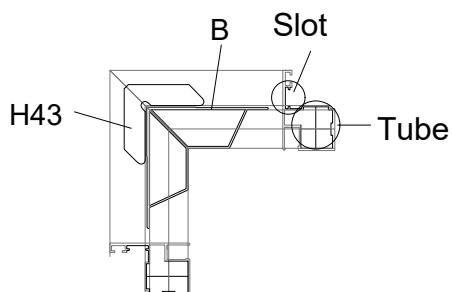
PART	NO	QTY
	L19A	4
	L19B	2
	L20	2
	D46	8
	H43	8
	Z08 M4.2X16	20
	Y10	2
	A01	2



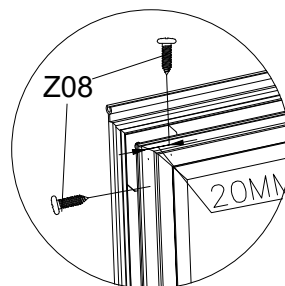
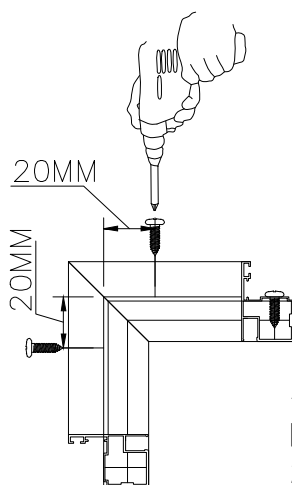
Fix A01 in the middle of L19B,
322.2mm from the ends.



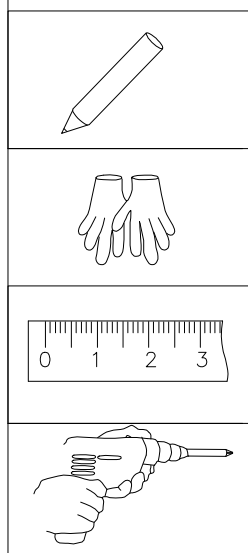
Insert H43 into the Slot
of L19A, L19B & L20



Insert Part B into the tube
of L19A, L19B & L20



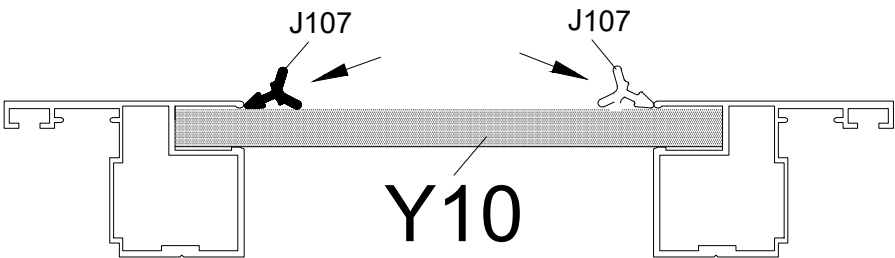
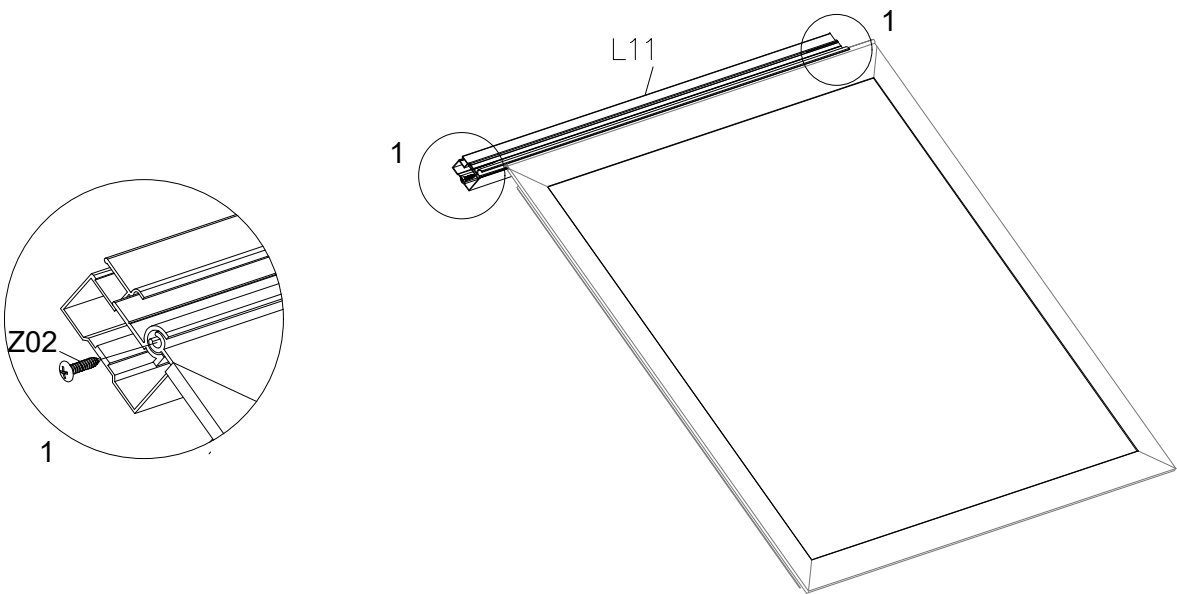
After connector D46 & part H43 are in positions, make a pencil mark at about 20MM from each end of L19A, L19B and L20. Use a powered screwdriver to fix them together with screw Z08. Make sure there is no gaps between the angle of each profile.



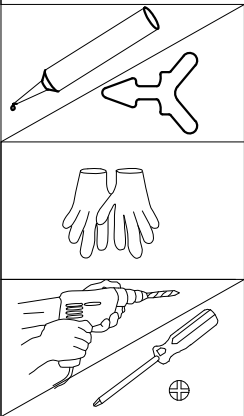
PART	NO	QTY
	L11	2
	Z02 Ø4X16D	2

PART	NO	QTY
	J107	5.3M

X2

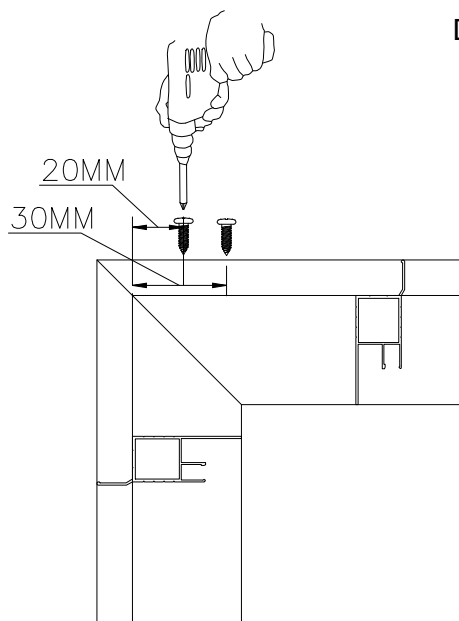
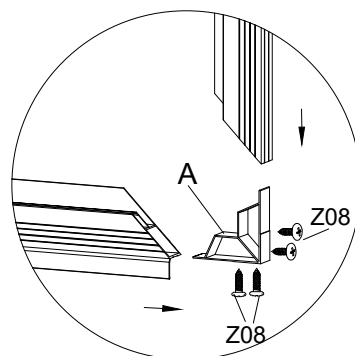
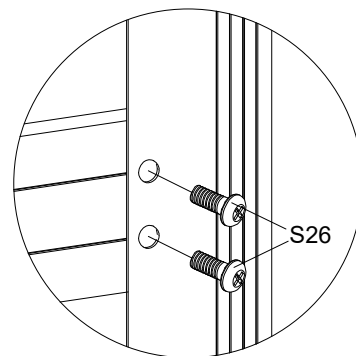
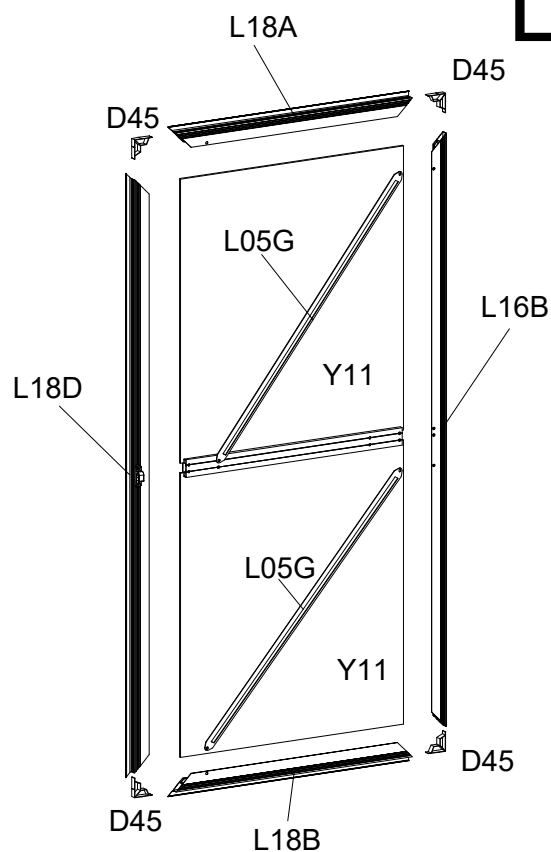


If glass is chosen, please seal it with rubber (J107) provided.
 If polycarbonate sheet is chosen, rubber is not provided.
 Please seal it with silicone sealant (not provided).

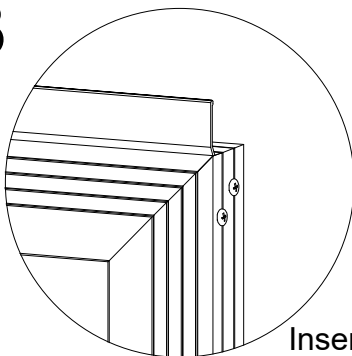


PART	NO	QTY
	L16A	1
	L16B	1
	L17	2
	L18A	2
	L18B	2
	L18C	1
	L18D	1
	L05G	4
	D45	8
	S26 M5X12	10
	Z08 M4.2X16	32
	S05 M6X12	6
	M03 M6	6
	Y11	4

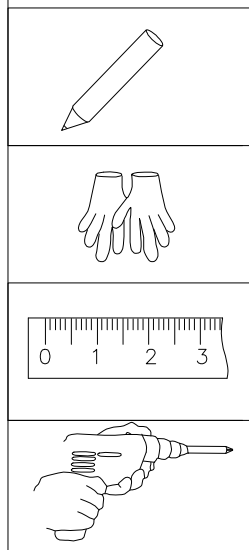
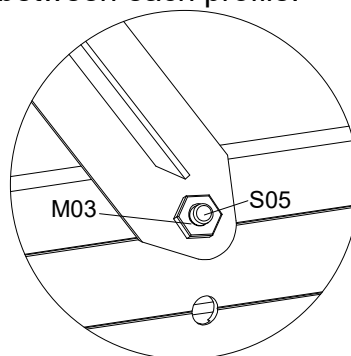
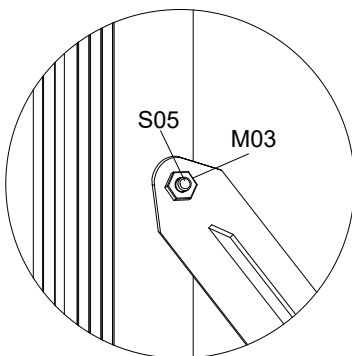
Left Door



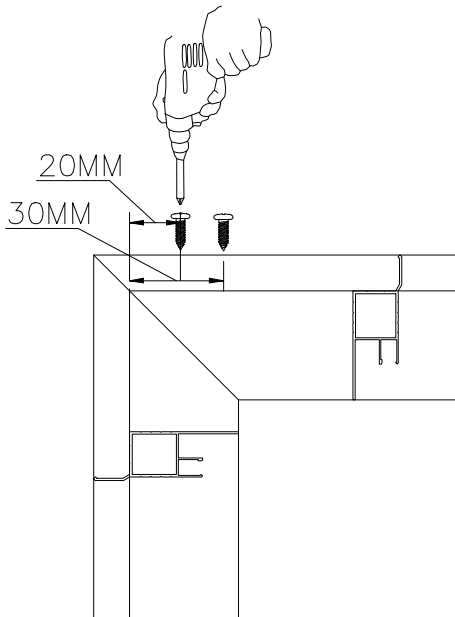
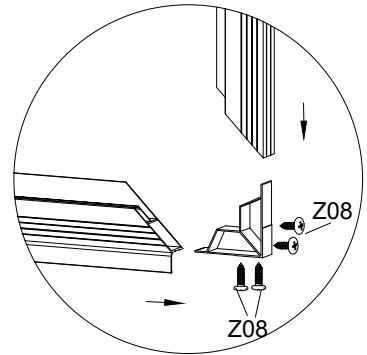
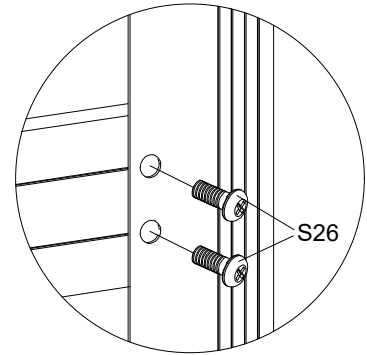
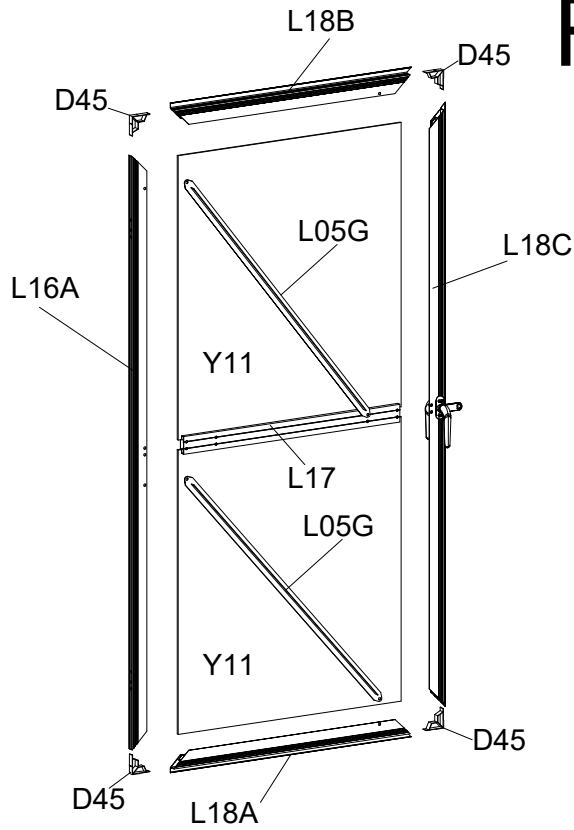
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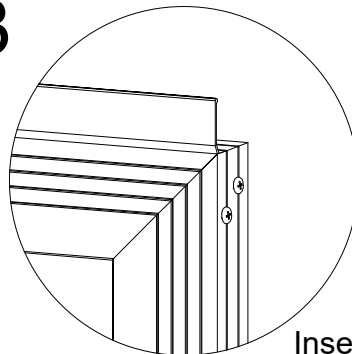
Insert Connector D45 into each end of frame profiles L16B & L18A & L18B & L18D, and then fix them with screws Z08. Before fixing with screws, please mark them with a pencil at distance about 20/30mm from each end, and make sure there is no gaps between each profile.



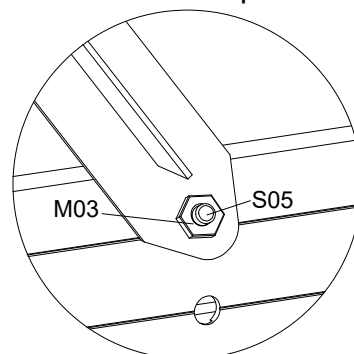
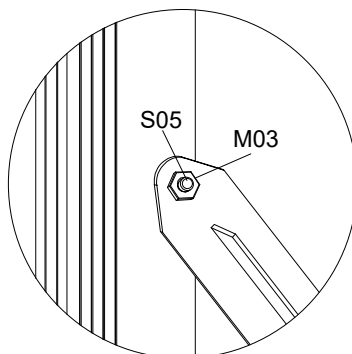
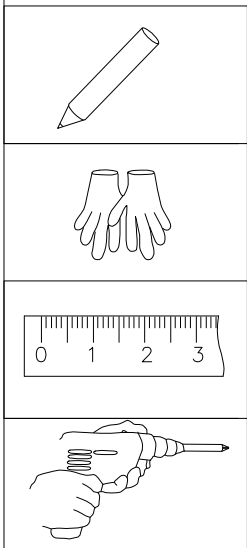
Right Door

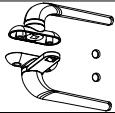


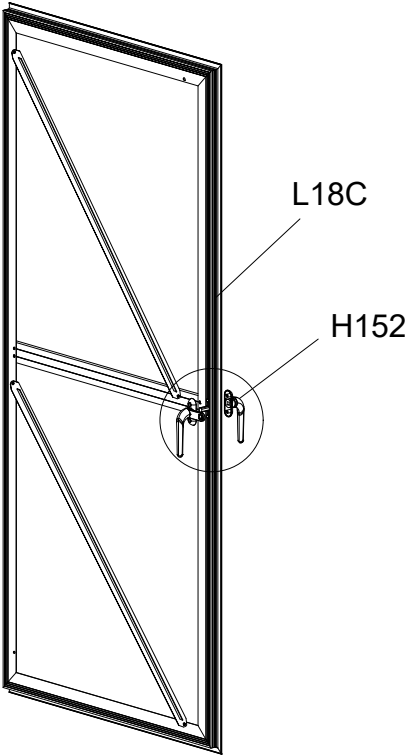
3



Insert Connector D45 into each end of frame profiles L16A & L18A & L18B & L18C, and then fix them with screws Z08. Before fixing with screws, please mark them with a pencil at distance about 20/30mm from each end, and make sure there is no gaps between each profile.

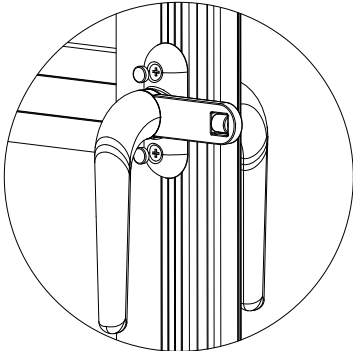
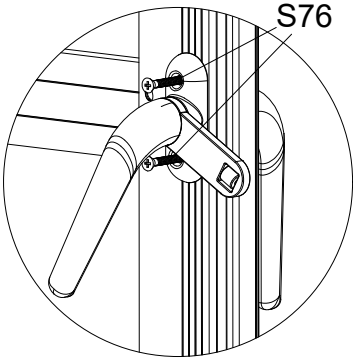
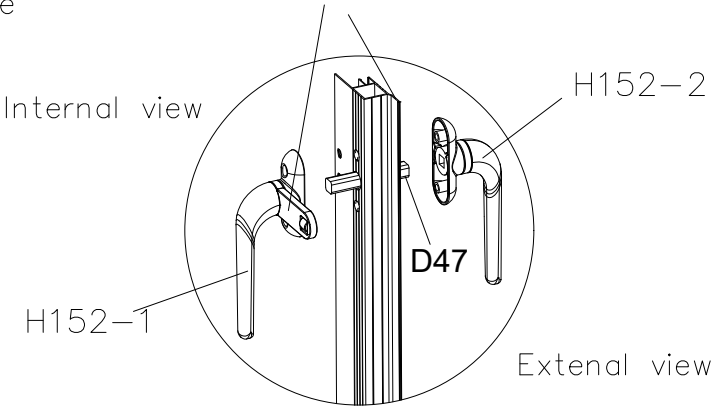


PART	NO	QTY
	H152	1
	D47	1
	S76 M4X32	2

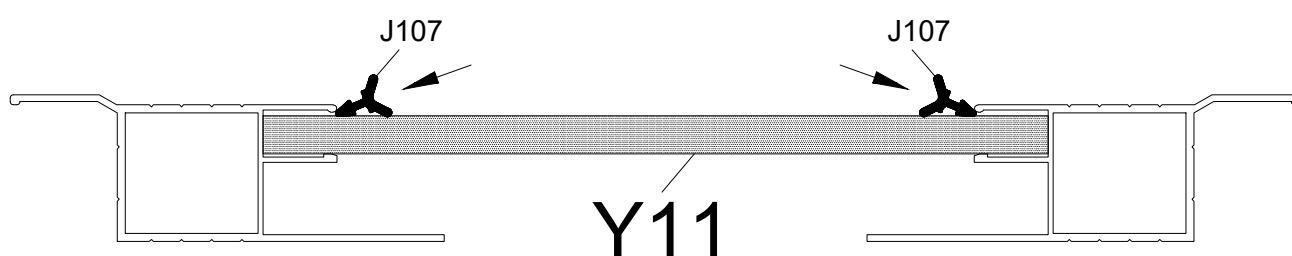
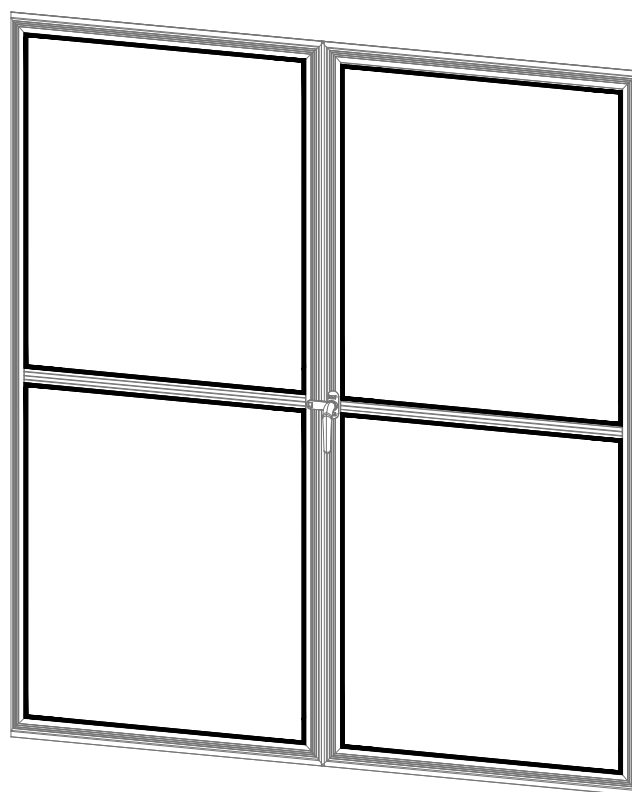


After installing the door, attach handle H152.
 First, insert D47 into the door hole, then install H152.
 When installing, ensure that the long tongue of H152-1 faces towards the edge of the door, and align the square hole of H152-1/2 with D47 before inserting it. Secure it in place with screw S76, and finally, attach the decorative cover.

Pay attention to the installation direction



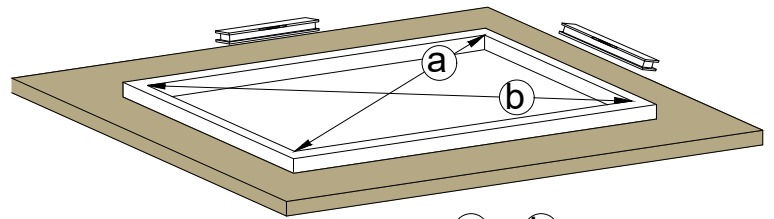
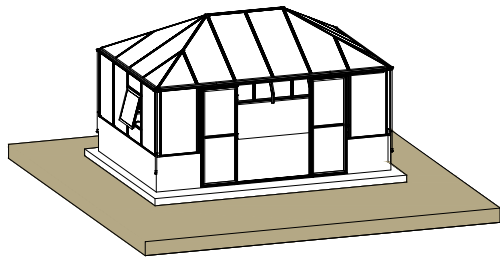
PART	NO	QTY
	J107	12.8M



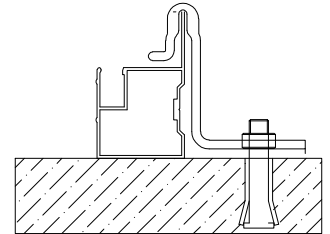
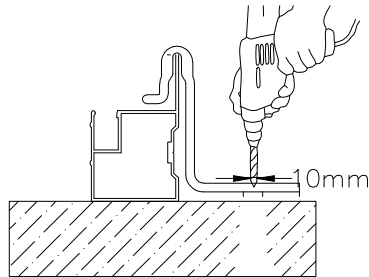
If glass is chosen, please seal it with rubber(J107) provided.

Noted:

Rubber is not provided if you choose polycarbonate sheet as glazing panel.

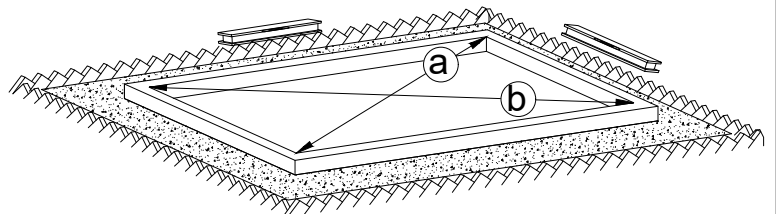
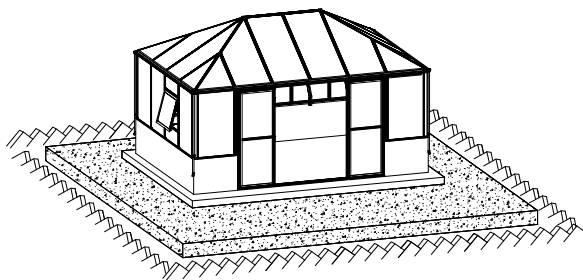


$a = b$

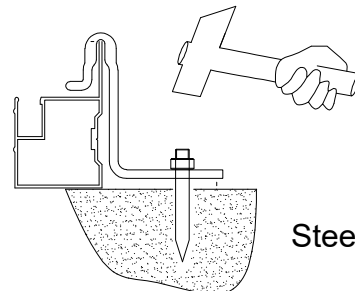


Expansion
screw/Concrete
ground

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

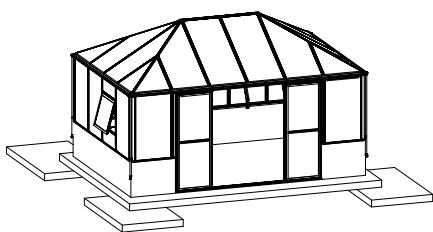


$a = b$



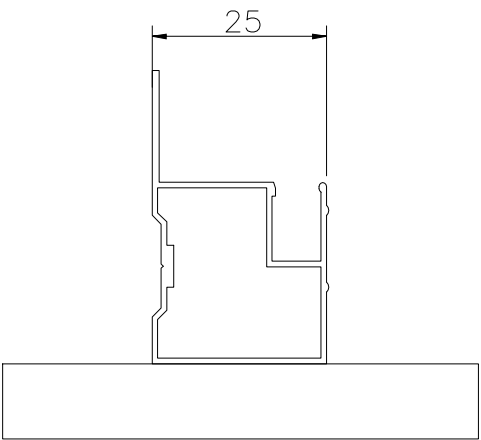
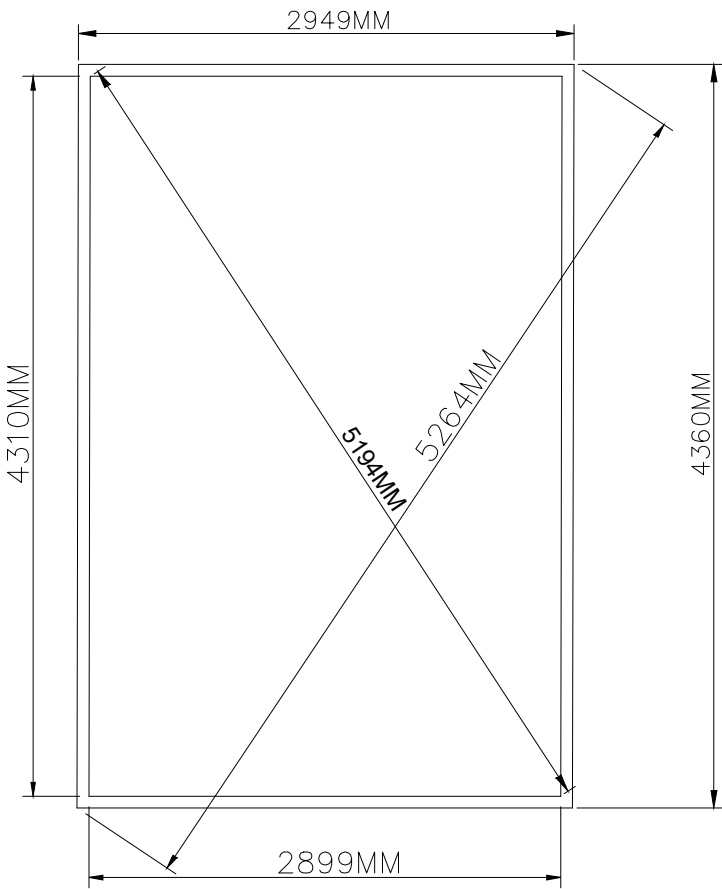
Steel pegs in soil

Support at the corners only is inadequate.

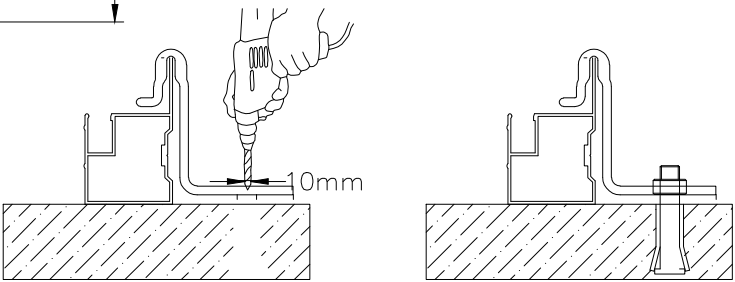


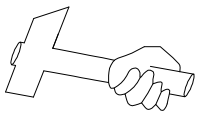
PART	NO	QTY
	D22	18
	D07	2
	S08 M8X60	20

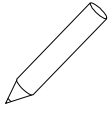
Door



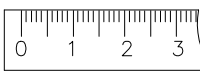
Expansion bolts assembly

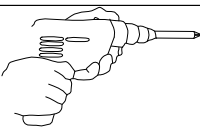






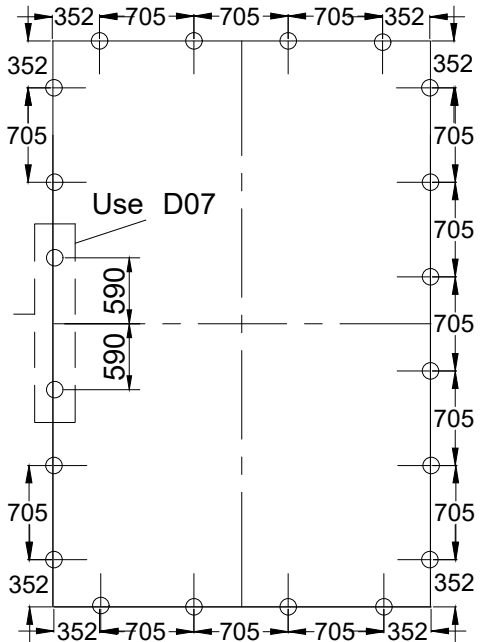




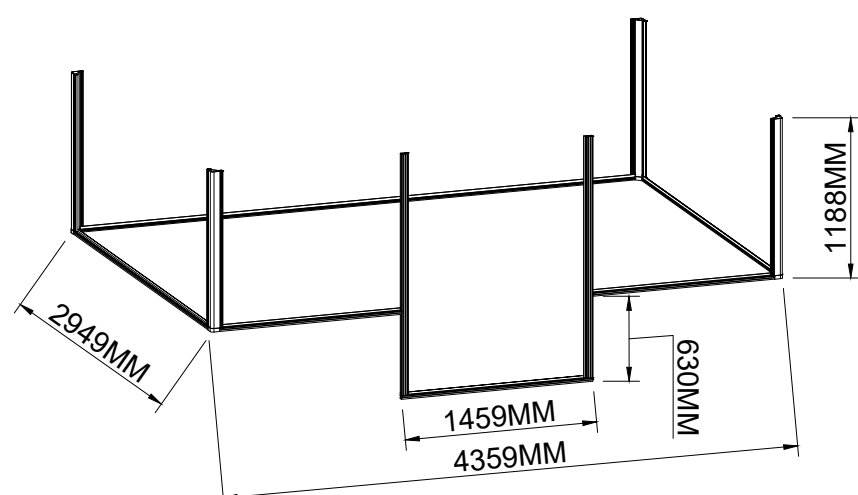


* Use D07 on both sides of the door. This shows a layout for D07/D22's positions where it is placed in the middle of glazing panel for each section.

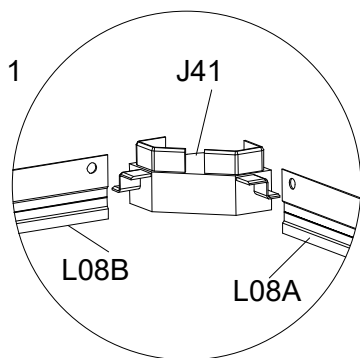
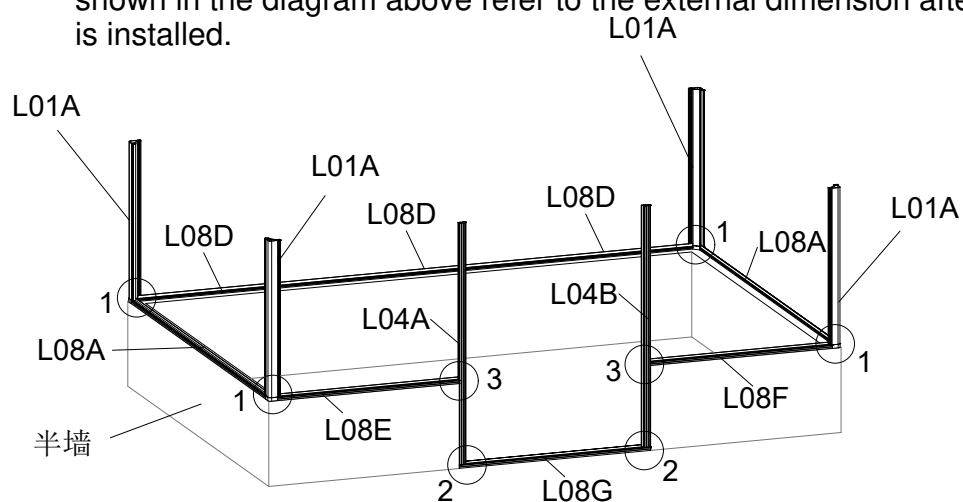
Door



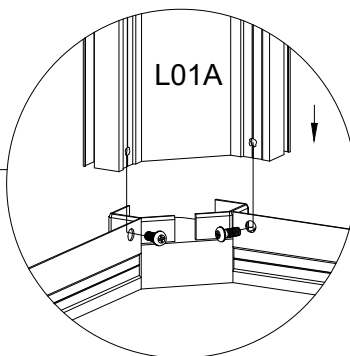
PART	NO	QTY
	L01A	4
	L08A	2
	L08D	3
	L08E	1
	L08F	1
	L08G	1
	J41	4
	S26 M5X12	18
	D578	2



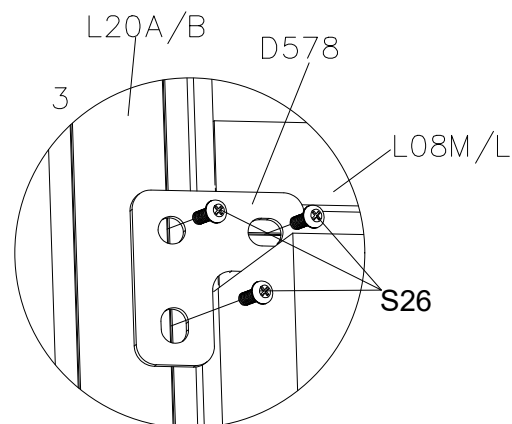
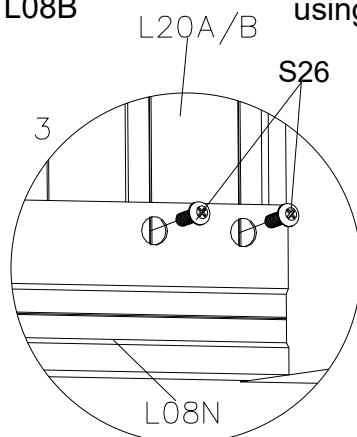
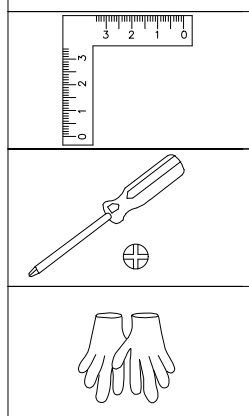
Before installing the base, a half-height wall must be constructed first. The dimensions shown in the diagram above refer to the external dimension after the aluminum profile is installed.



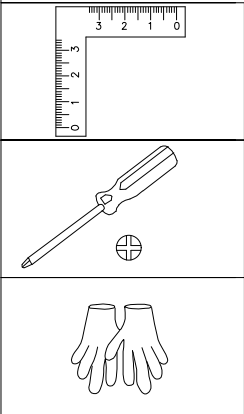
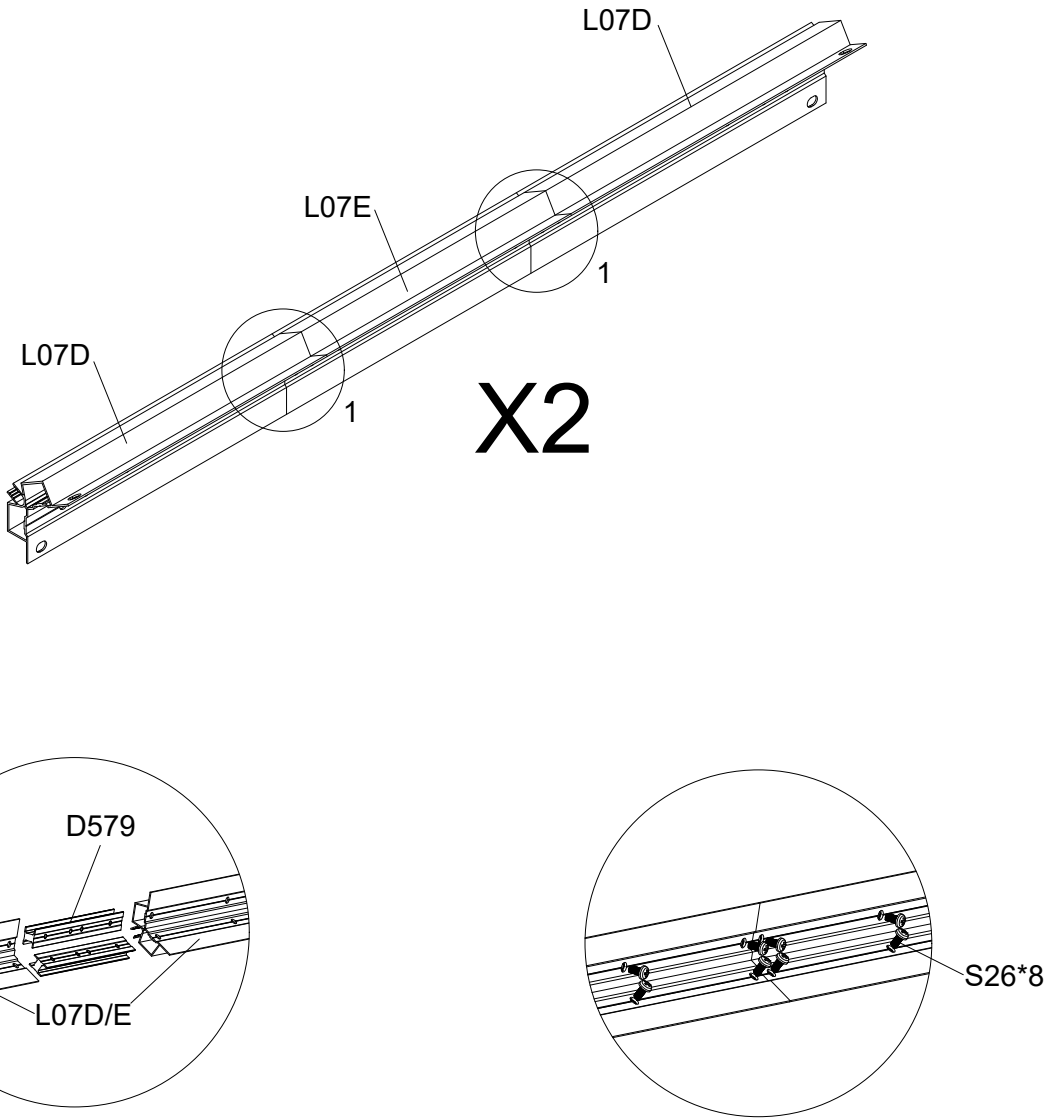
Insert J41 into the tube of L08A and L08B



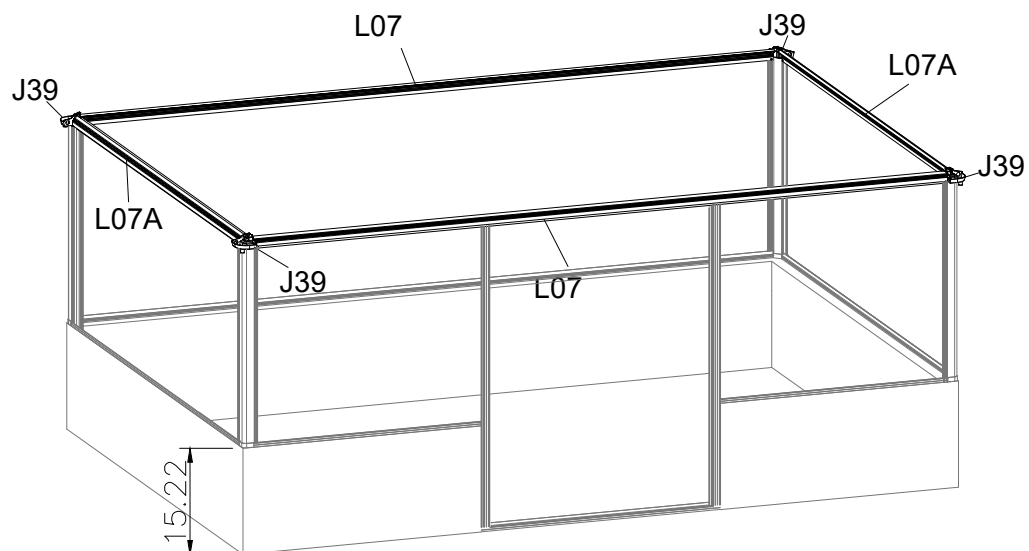
Fix L01A to L08A & L08B through J41, using S26.



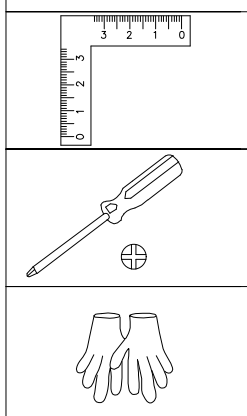
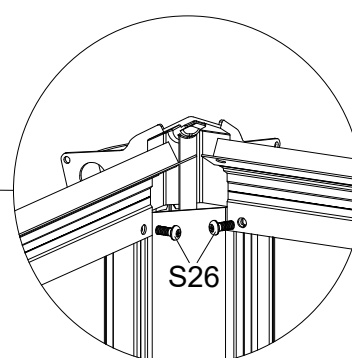
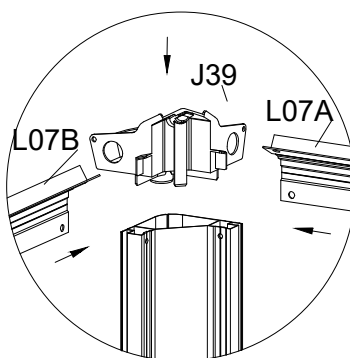
PART	NO	QTY
	L07D	4
	L07E	2
	D579	8
	S26 M5X12	16



PART	NO	QTY
	L07A	2
	L07	2
	J39	4
	S26 M5X12	8

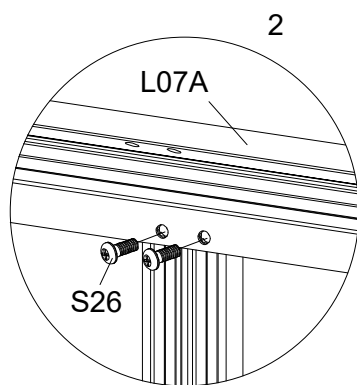
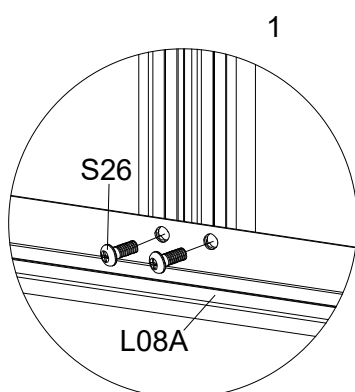
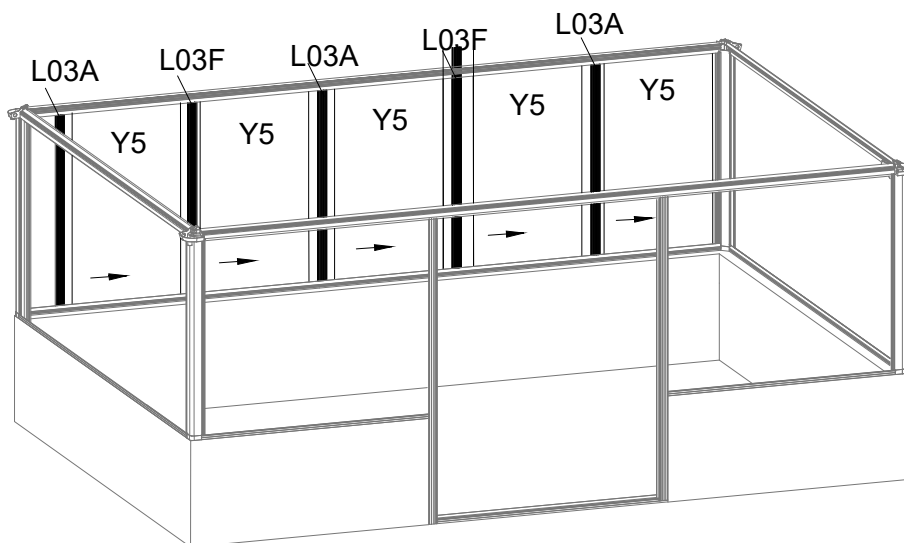


Insert J39 into L01A, and then fix L07A & L07B to L01A using S26. Make sure the angle is Right Angle before tightening them up.



PART	NO	QTY
	L03A	3
	L03F	2
	Y5	6
	S26 M5X12	20

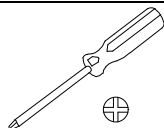
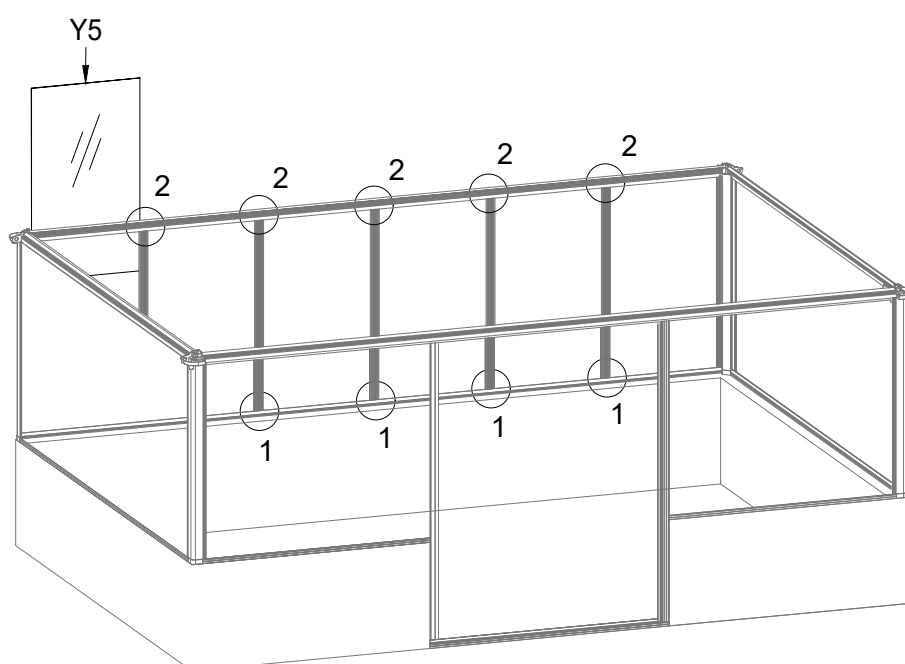
Back Wall Assembly



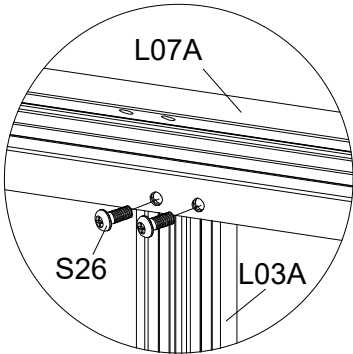
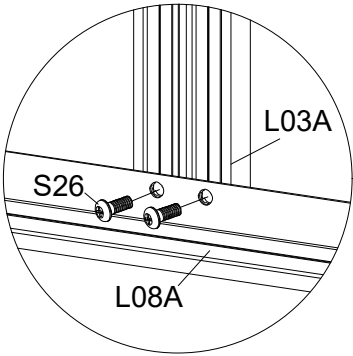
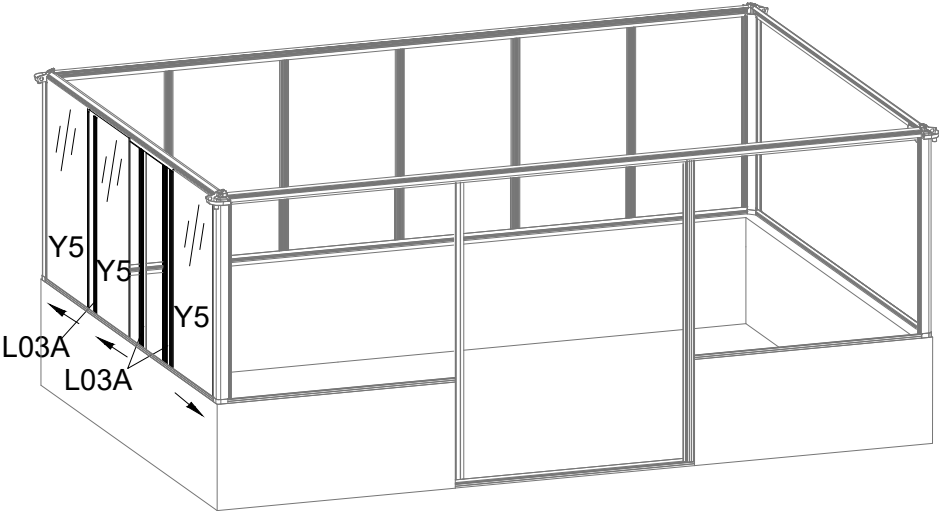
Insert Panel Y5 into the channel of L01A, and then fix a L03A to L08B & L07B using S26. Make sure the other side of Y5 is completely in the channel of L03A.

Insert another Y5 into the channel of L03A, then fix another L03A using S26. Do the same for the other 3 Y5 & L03A. Lastly, insert the last Y5 into the channel of L01A & L03A.

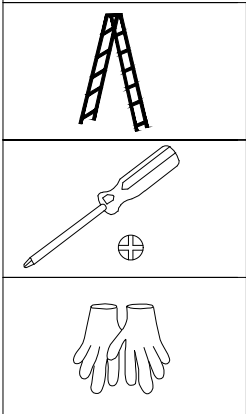
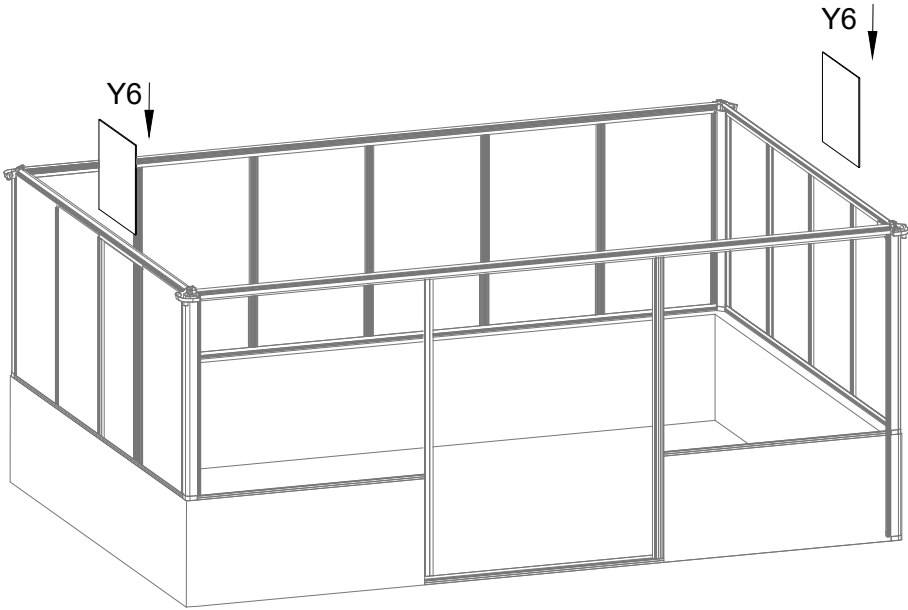
Note: If PC panel is chosen, you can fix all the L03A before inserting all the Y5.



PART	NO	QTY
	L03A	6
	Y5	6
	Y6	2
	S26 M5X12	24

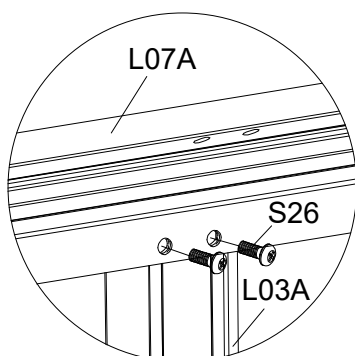
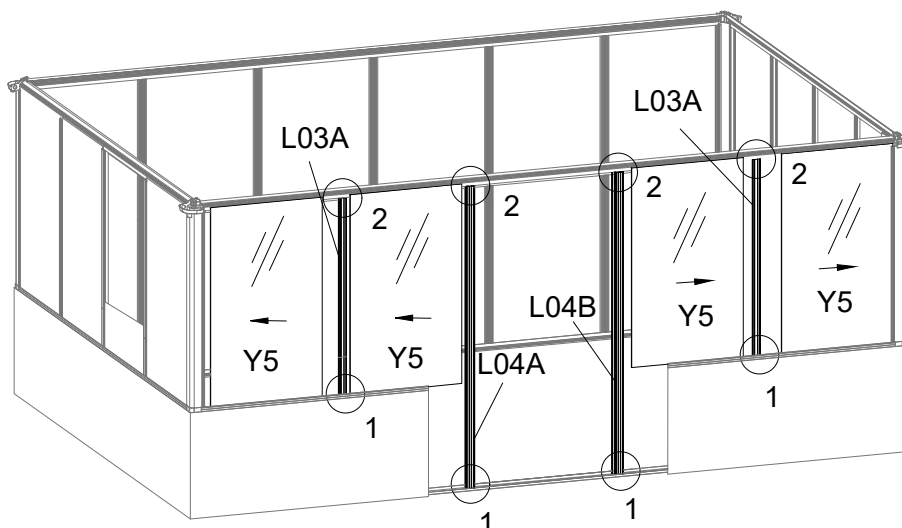


Side Walls Assembly
Do the same as the back wall assembly,
Y6 is the last panel to insert in.

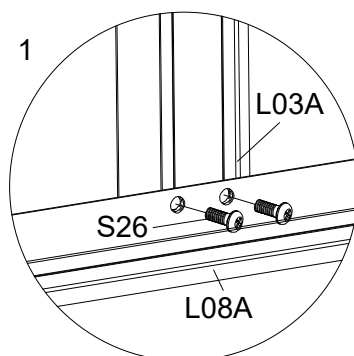


PART	NO	QTY
	L04A	1
	L04B	1
	L03A	2
	L05C	2
	Y5	4
	S26 M5X12	24
	Z08 M4.2X16	8

Front Wall Assembly

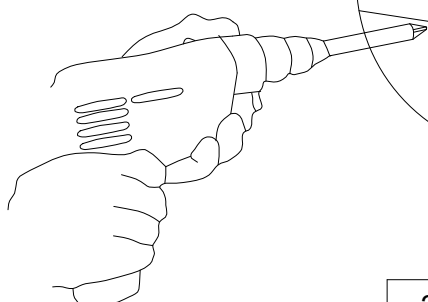
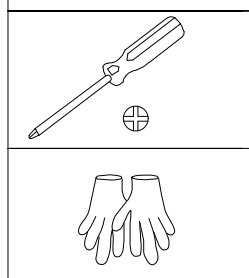
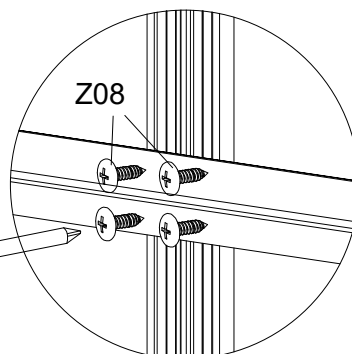
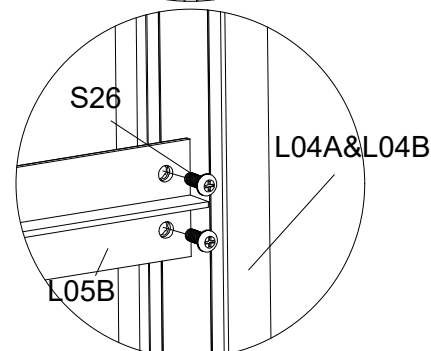
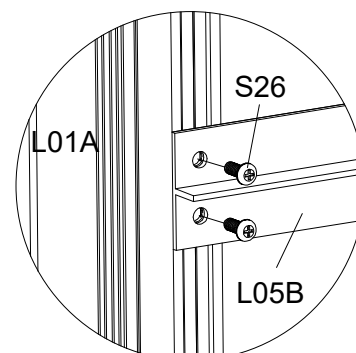
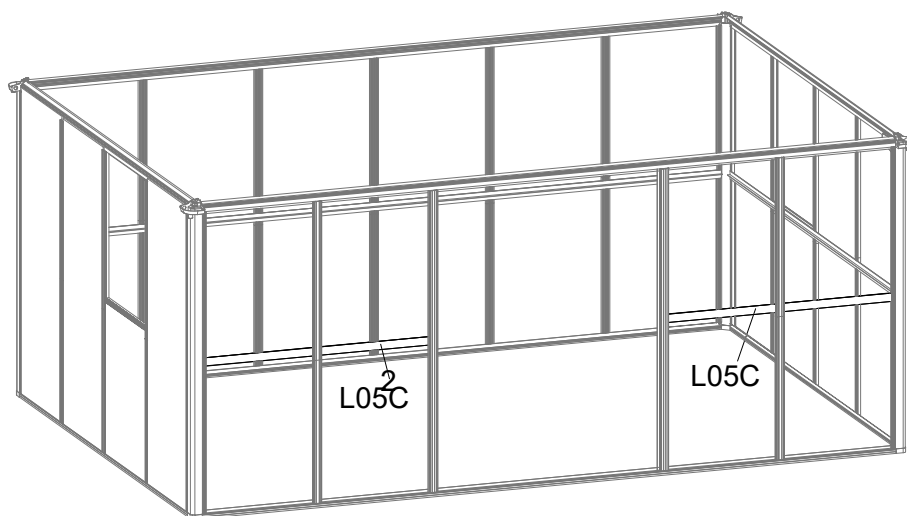


2

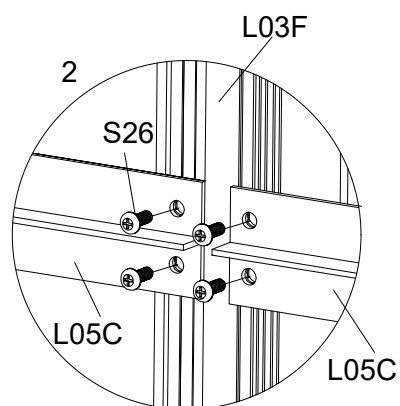
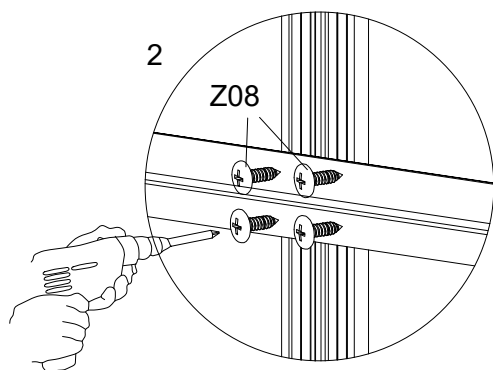
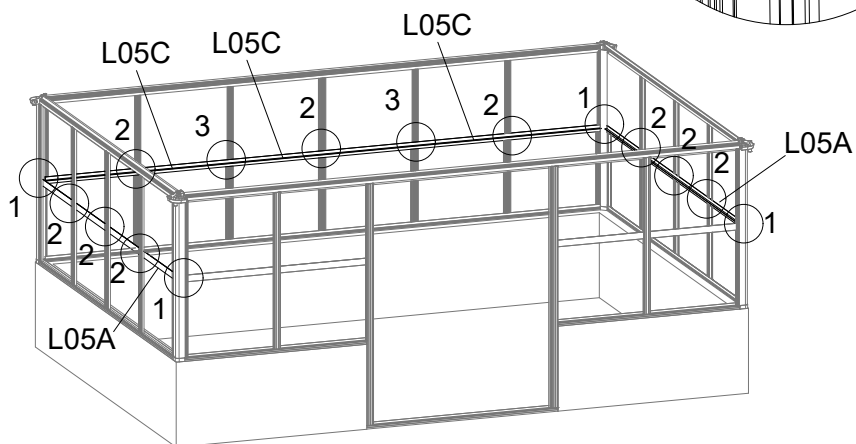
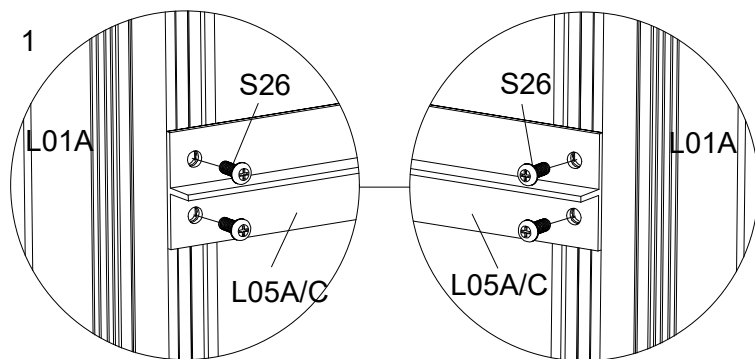


1

Fix L03A and Y5 same as the back wall assembly.
Fix L04A & L04B using S26.
And then fix L05C to glazing bars L03A & L04A/L04B using S26.



PART	NO	QTY
	L05A	2
	L05C	3
	S26 M5X12	20
	Z08 M4.2X16	36

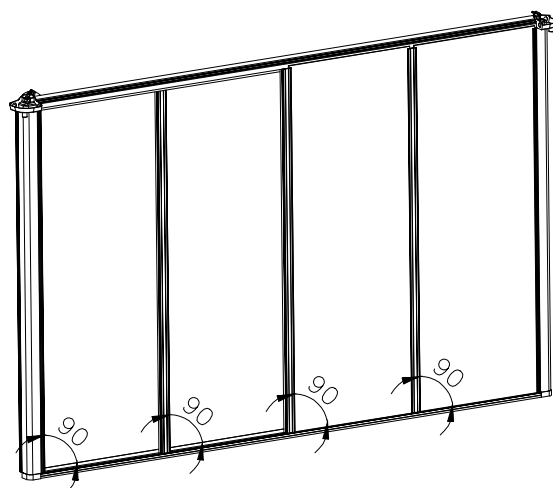
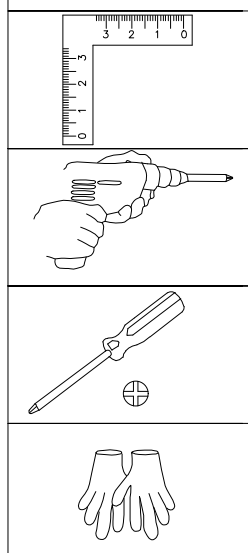


Install L05A (2PCS) & L05B

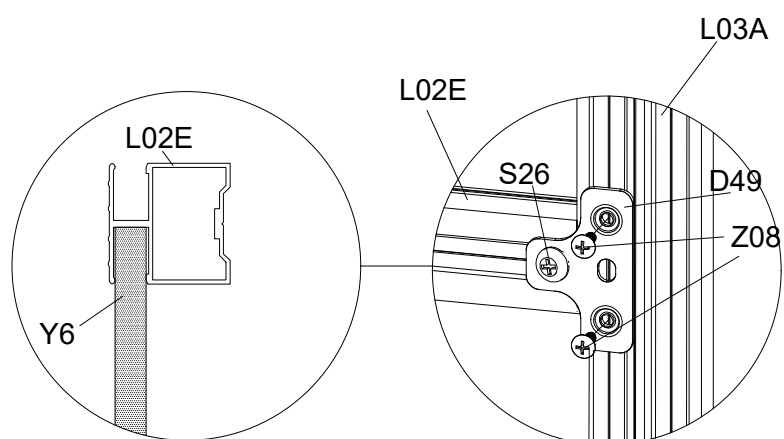
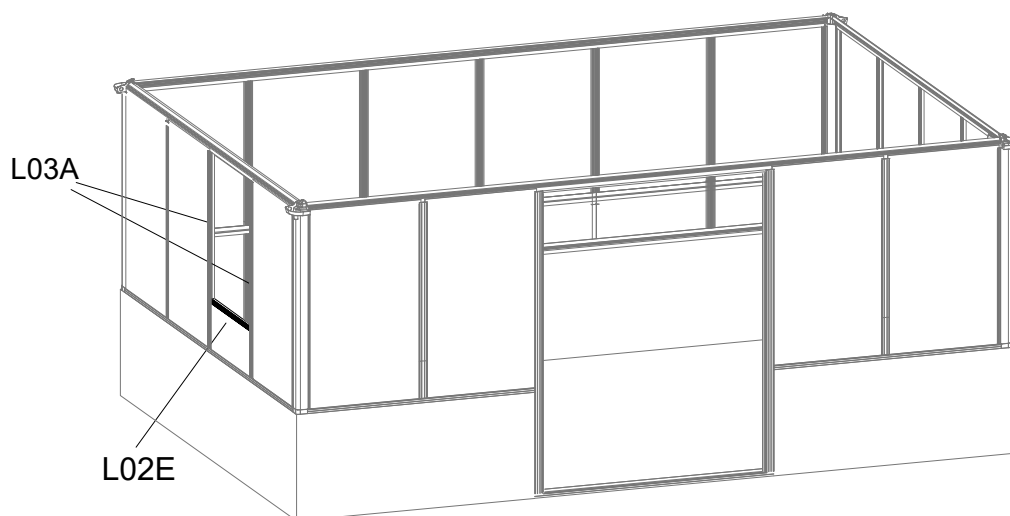
Fix two ends of L05A/L05B onto L01A using S26,

Fix L05A/L05B to L03A with the self-tapping screws (Z08) using a powered screwdriver.

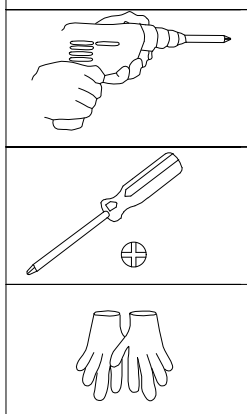
Eusure that L05A/L05B is fixed at a right angle (90 degrees) to the glazing bars.



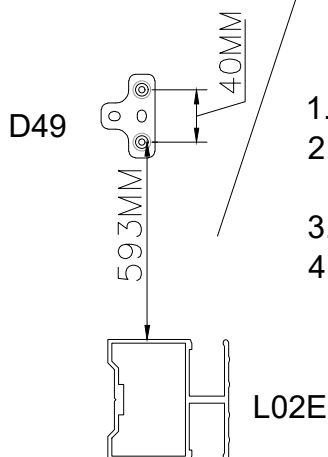
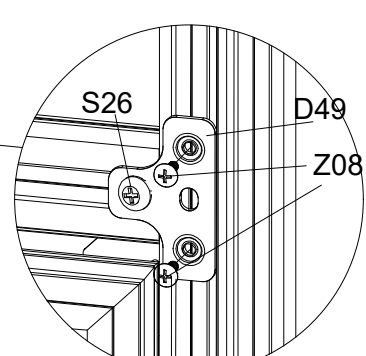
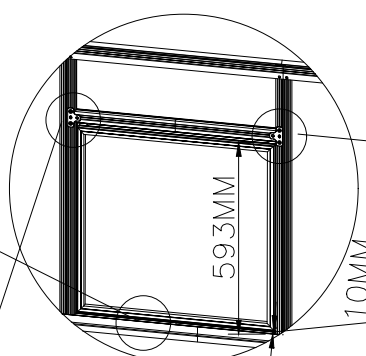
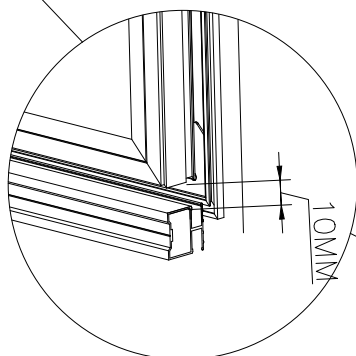
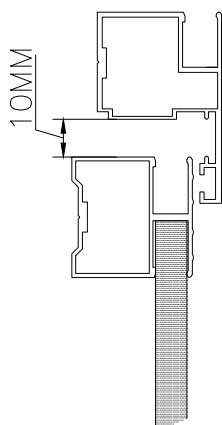
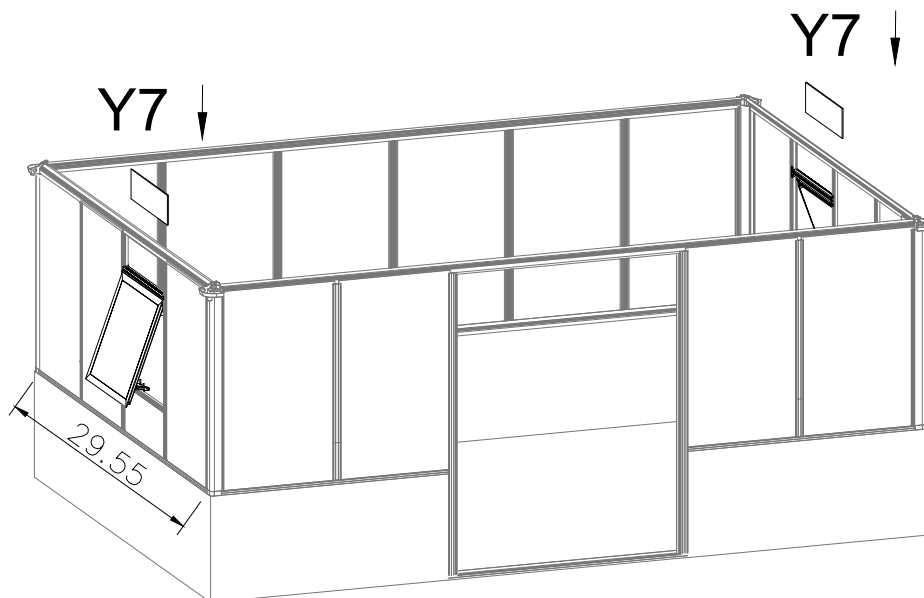
PART	NO	QTY
	L02E	2
	D49	4
	S26 M5X12	4
	Z08 M4.2X16	8



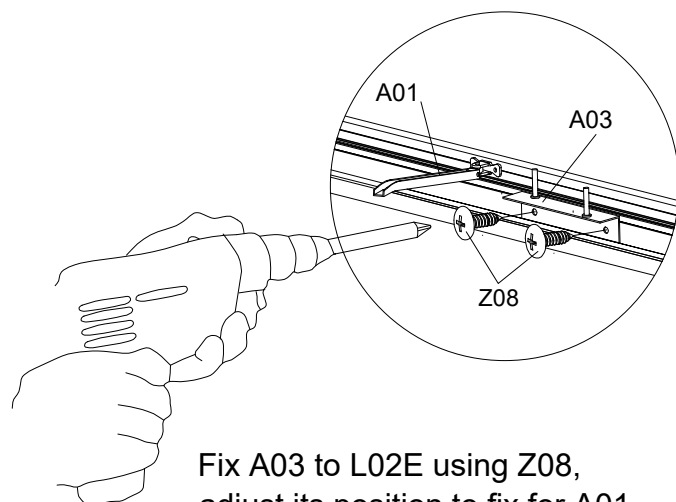
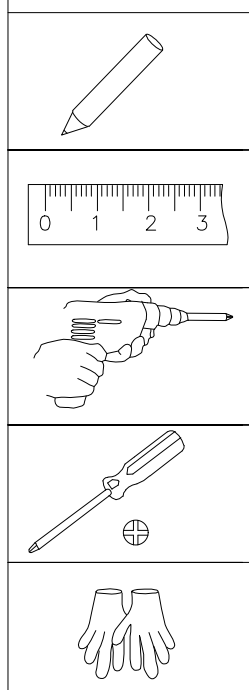
Insert the other end of Y6 into the channel of L02E.
Fix plate D49 onto L02E and L03A, using S26 and Z08
as shown above.



PART	NO	QTY
	WINDOW	2
	A03	2
	Y7	2
	D49	4
	S26	4
	M5X12	
	Z08	12
	M4.2X16	



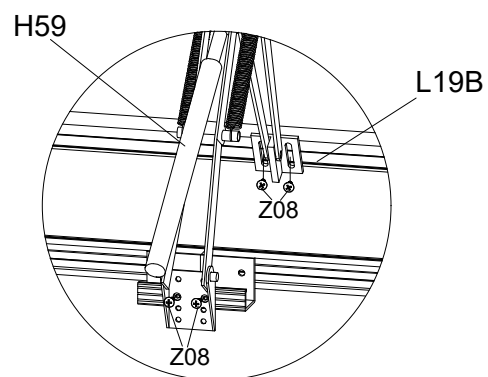
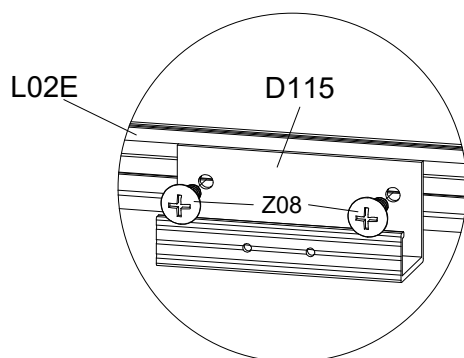
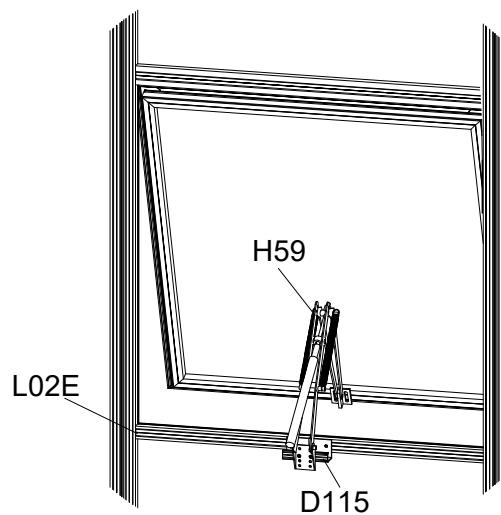
1. Fix D49 onto the window profile L11 using S26;
2. Make a mark on L03A at distance 593MM from L02E (as shown on the left). Do the same on the other end.
3. Fix the window to L03A, using Z08.
4. Insert Y7 into the channel of L03A.



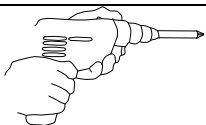
Fix A03 to L02E using Z08, adjust its position to fix for A01 before you tight up Z08.

PART	NO	QTY
	H59	2
	D115	2
	Z08 M4.2X16	12

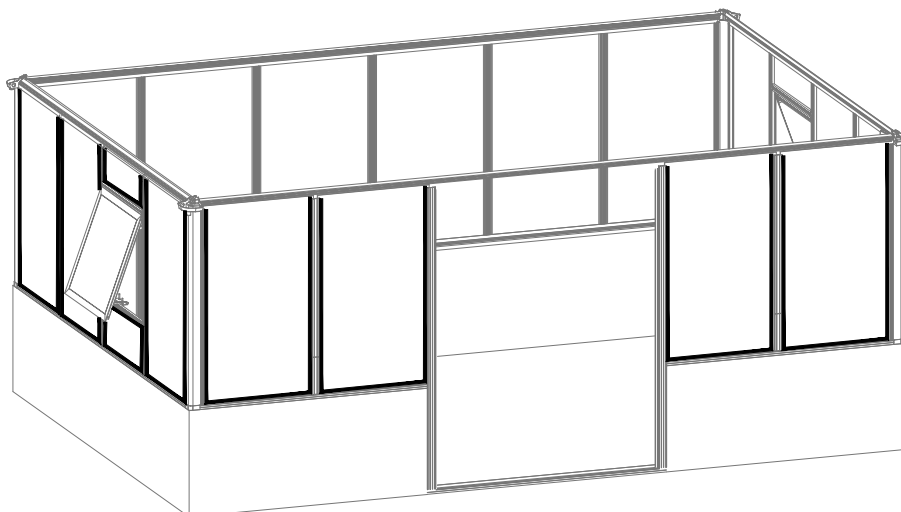
X2



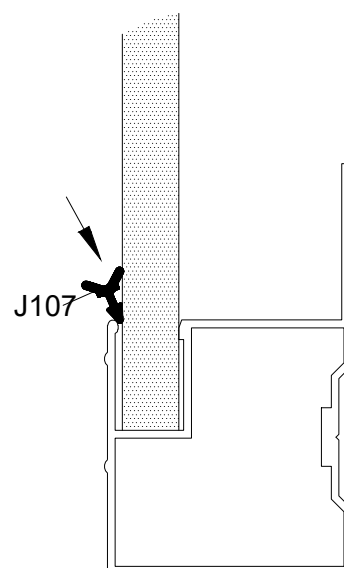
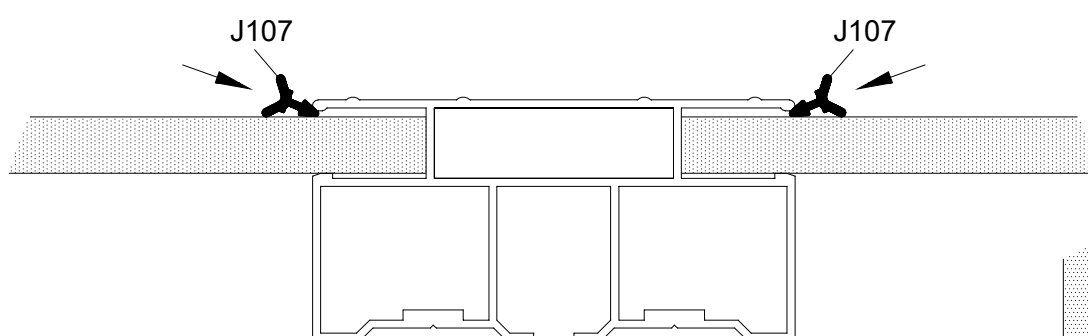
Fix D115 onto L02E, using Z08;
and fix the auto opener onto D115 and L19B (window profile),
using Z08.



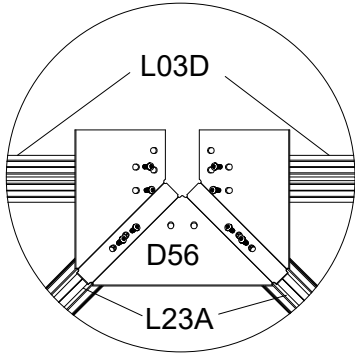
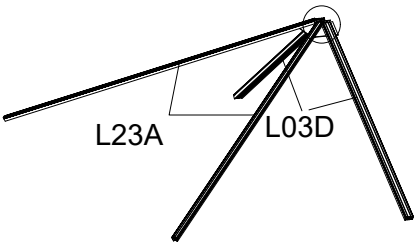
PART	NO	QTY
	J107	80M



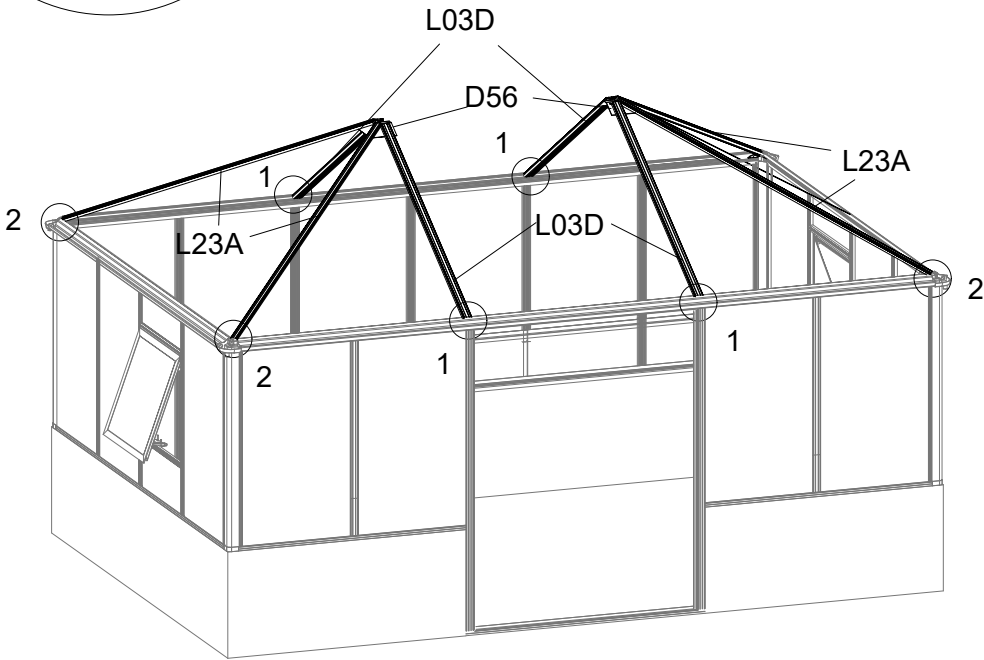
If glass is chosen, please seal it with rubber(J107) provided.



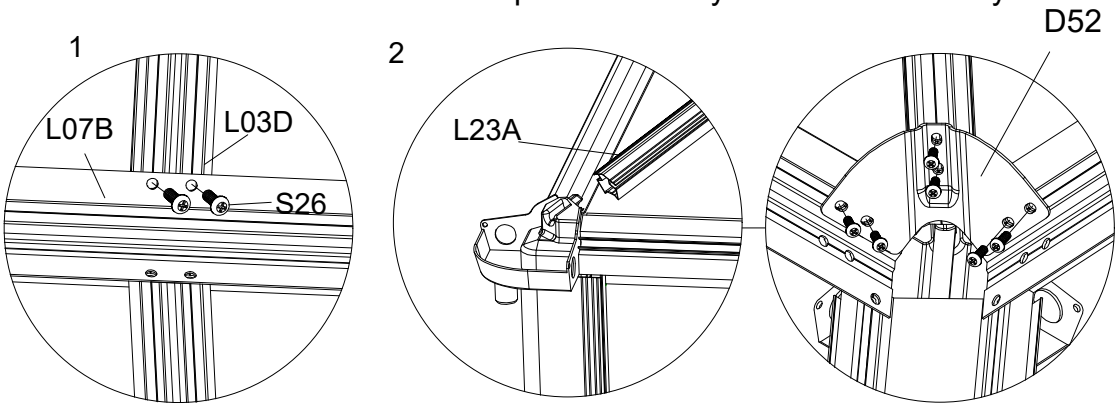
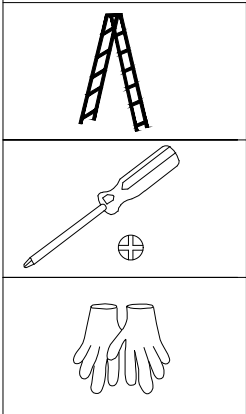
PART	NO	QTY
	L23A	4
	L03D	4
	D56	2
	D52	4
	S26 M5X12	48



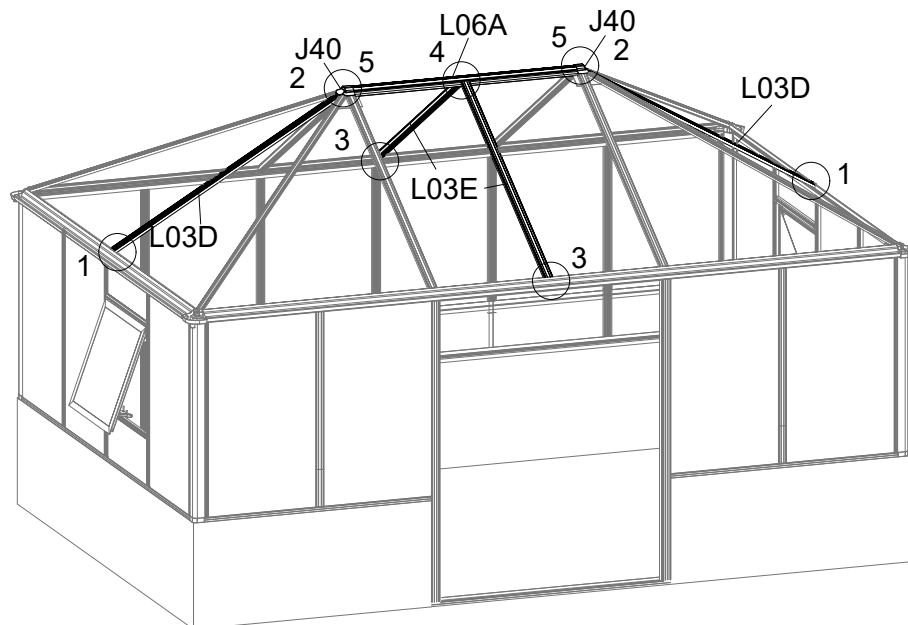
Fix L23A (2PCS) and L03D (2PCS) to D56 as shown above, using S26.



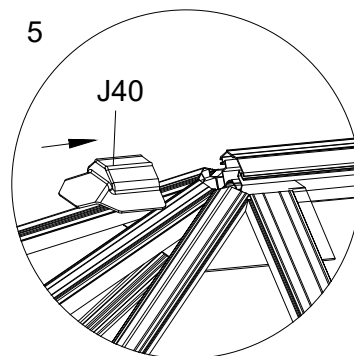
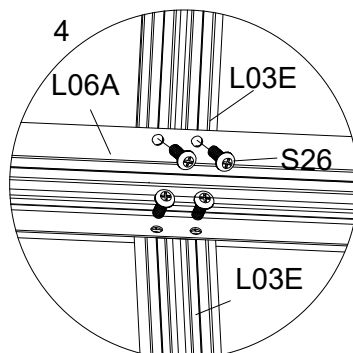
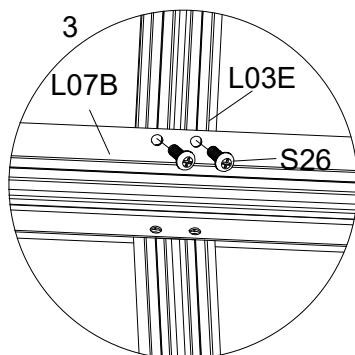
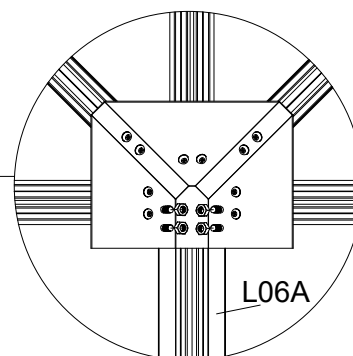
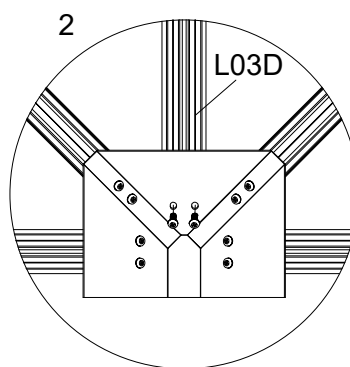
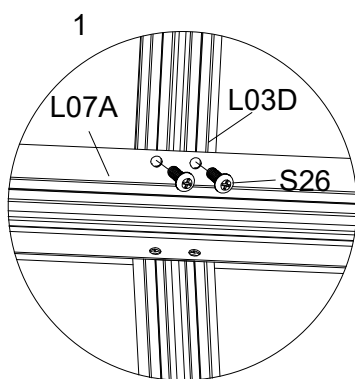
Fix the roof profiles L23A to L07A & L07B, with D52, using S26.
 Fix L03D to L07A & L07B, using S26.
 Note: Extra hands are needed to hold the profiles when you do this assembly.



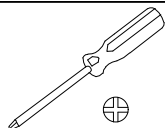
PART	NO	QTY
	L03D	2
	L03E	2
	L06A	1
	J40	2
	M05	8
	M5	
	S26	24
	M5X12	



Fix L06A to L23A & L03D with J40,using S26

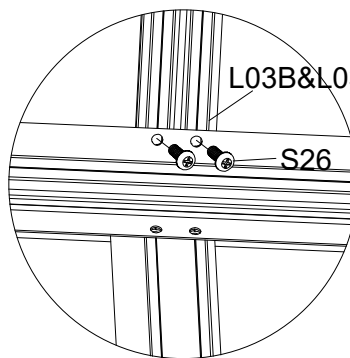
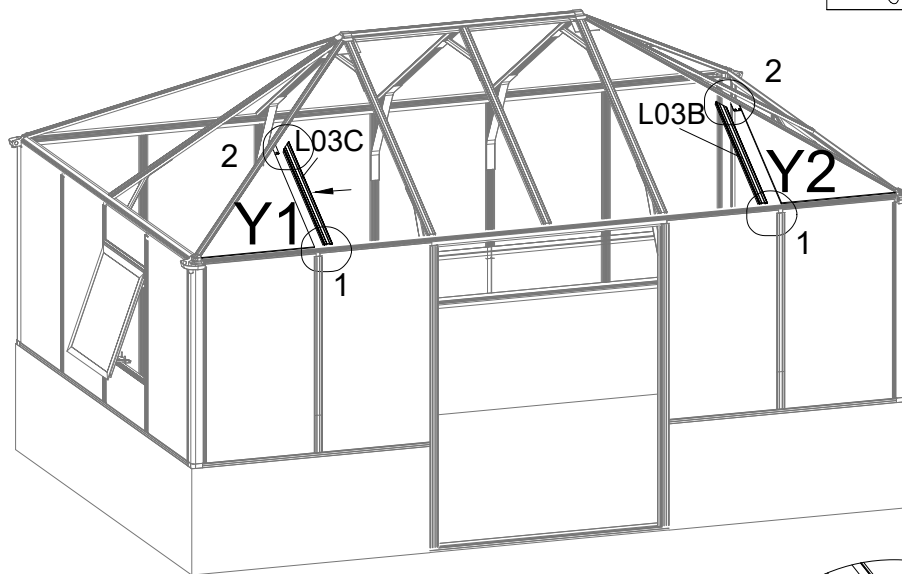


Fix L03E to L06A and L07A, using S26.

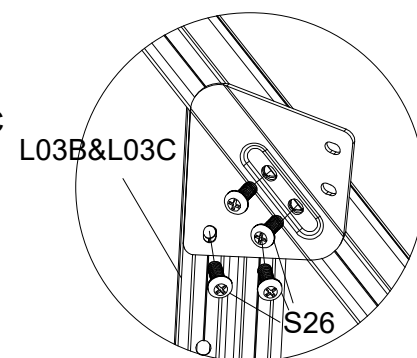


PART	NO	QTY
	L03B	4
	L03C	4
	L09A	2
	L09C	2
	L09D	4
	D53	4
	Y1	4
	Y2	4
	Y3	4
	Y4	4
	Y8	4
	S26 M5X12	40
	D25	4
	S05 M6X12	8
	M03 M6	8

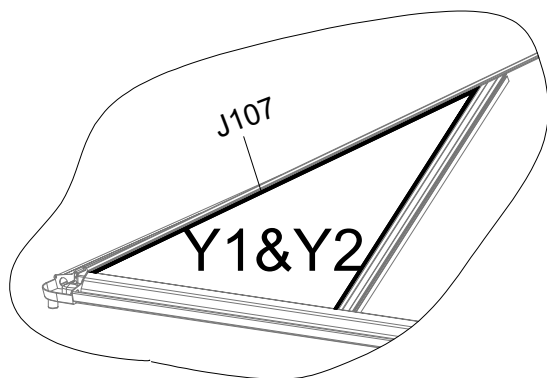
PART	NO	QTY
	J107	62M



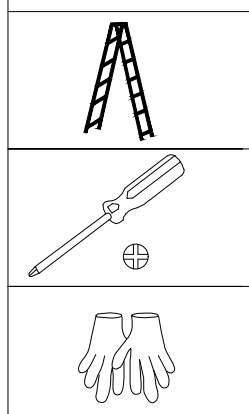
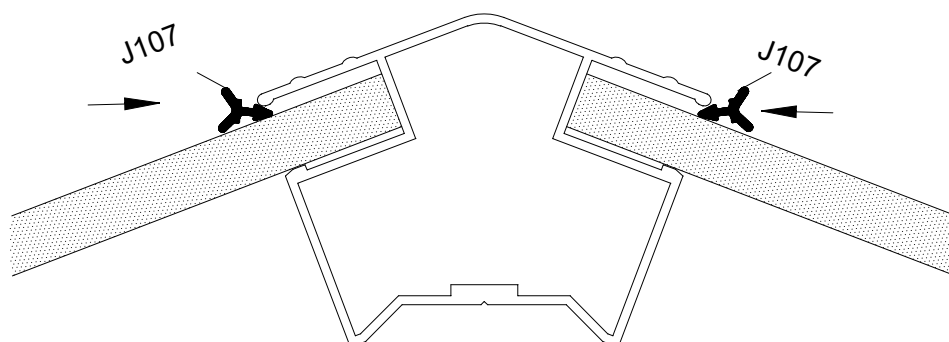
1



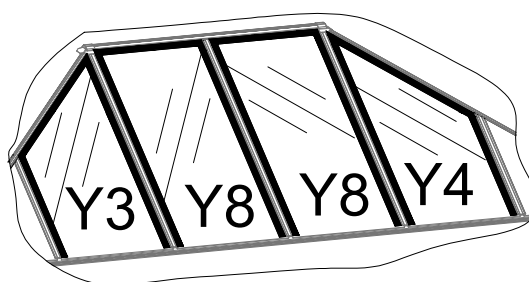
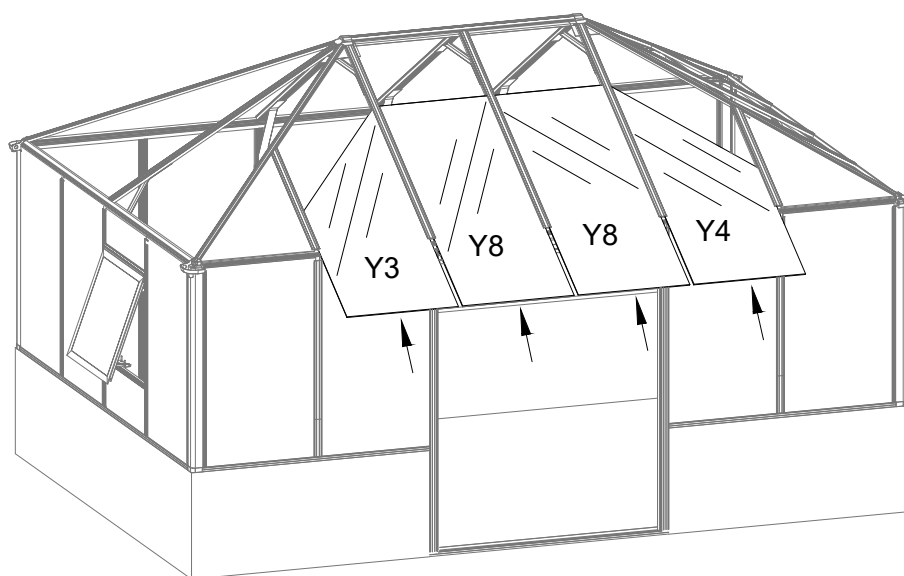
2



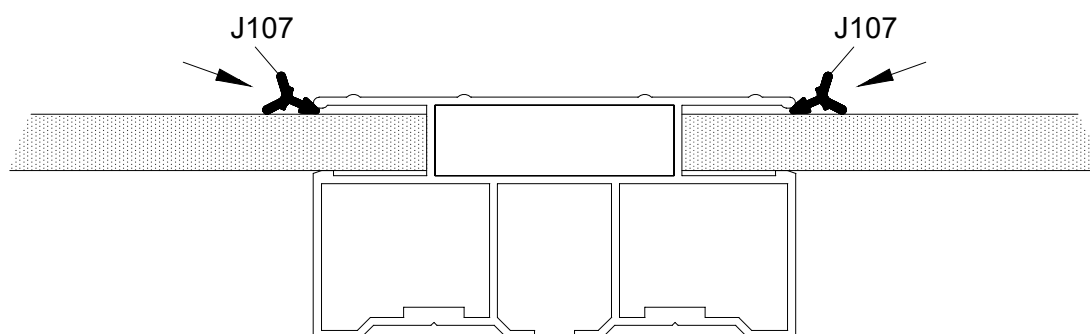
Insert Y1/Y2 into the right position before fixing L03B /L03C.



If glass is chosen, please seal it with rubber (J107) provided.
If polycarbonate sheet is chosen, rubber is not provided.
Please seal it with silicone sealant (not provided).

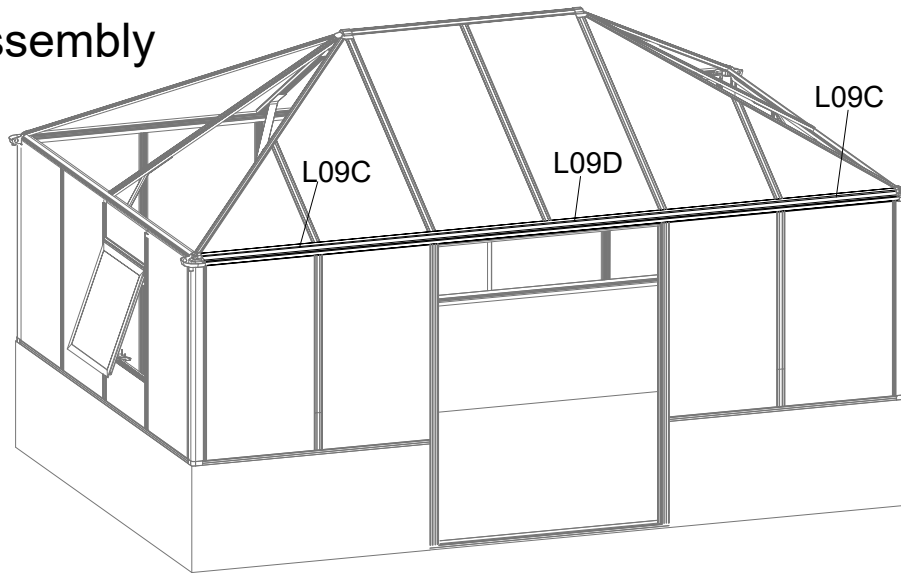


Put Y3, Y4 and Y8 into positions

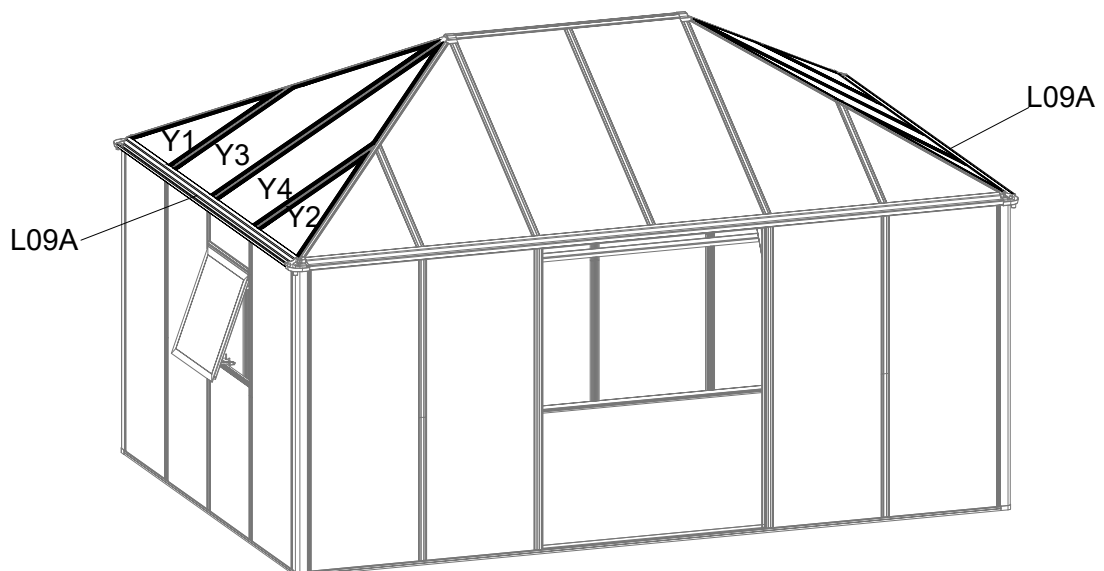
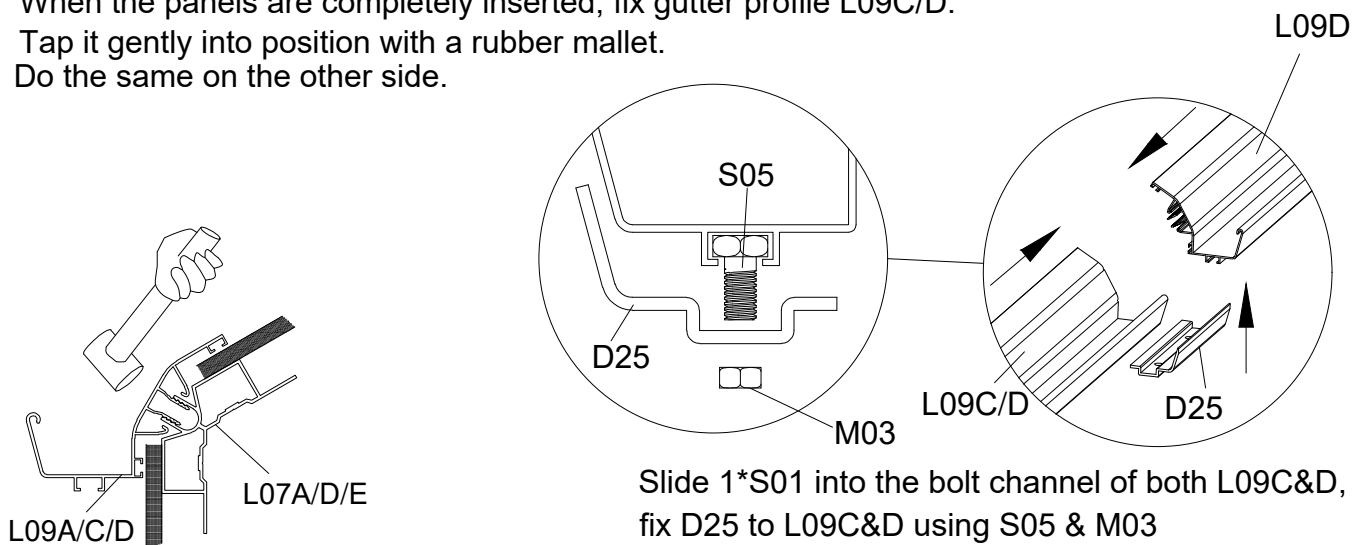


If glass is chosen, please seal it with rubber (J107) provided.
 If polycarbonate sheet is chosen, rubber is not provided.
 Please seal it with silicone sealant (not provided).

Gutter Assembly



When the panels are completely inserted, fix gutter profile L09C/D.
Tap it gently into position with a rubber mallet.
Do the same on the other side.

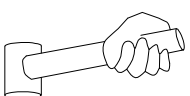


Assembly the other 2 sides.

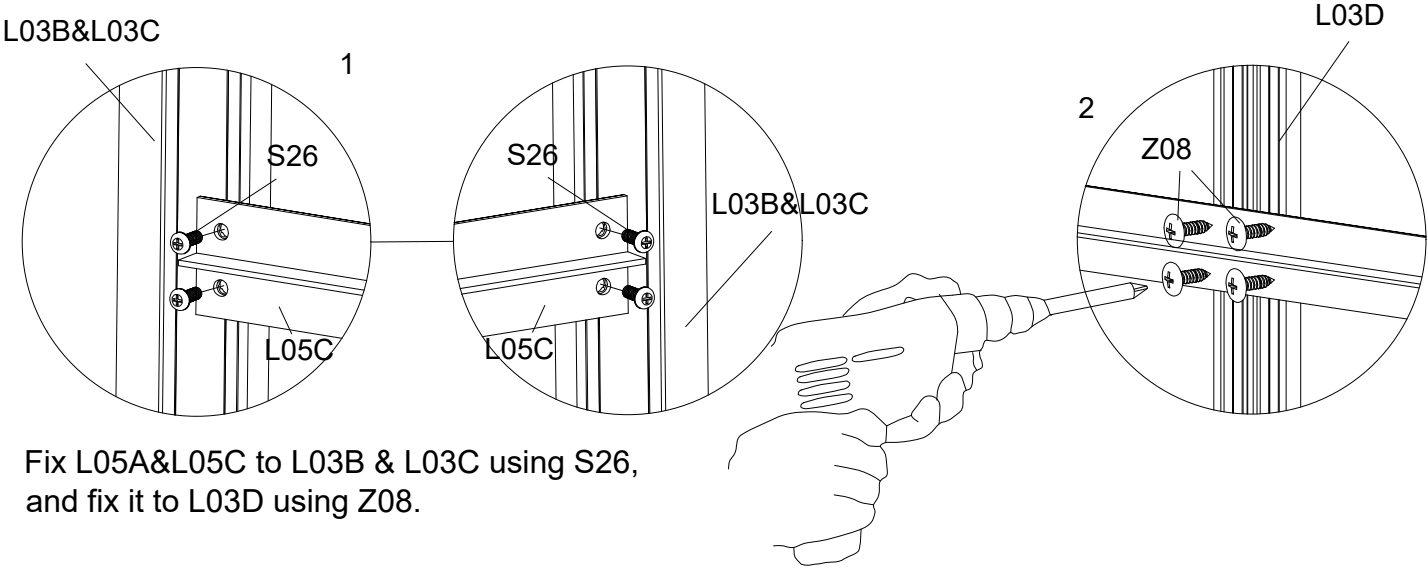
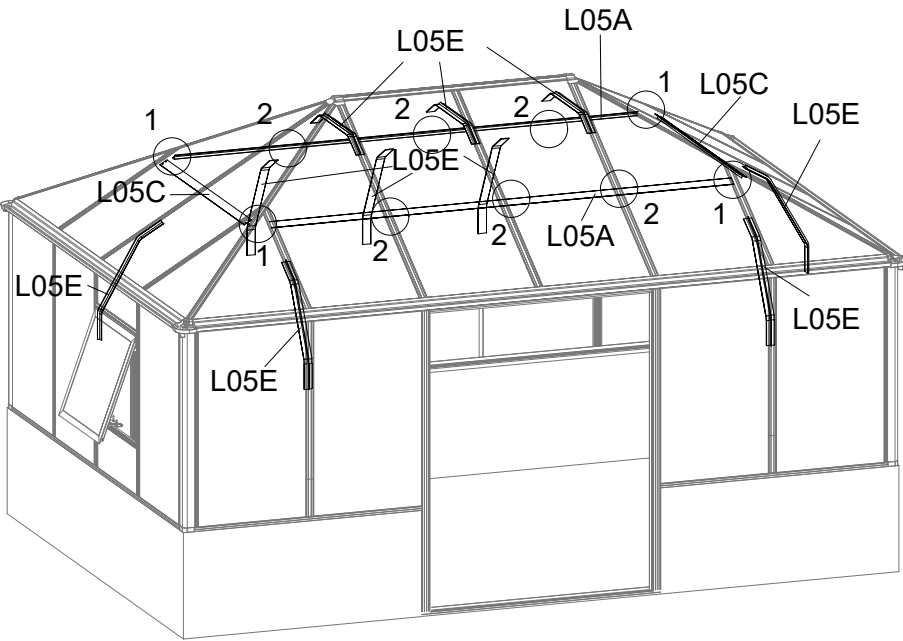
Firstly, put Y1 & Y2 into positions, and fix L03B & L03C to L23A & L07A;

Secondly, put panel Y3 & Y4 into positions;

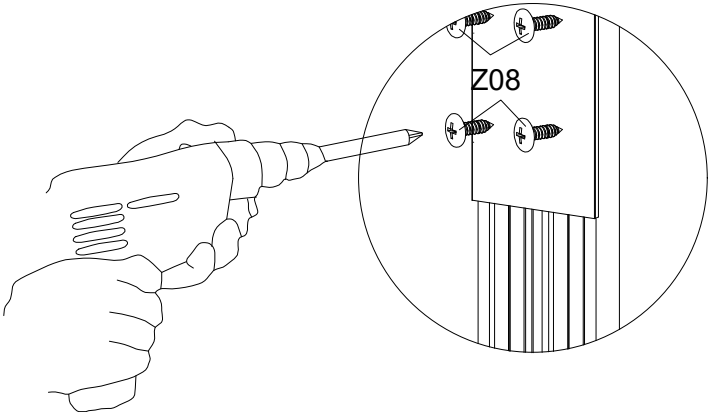
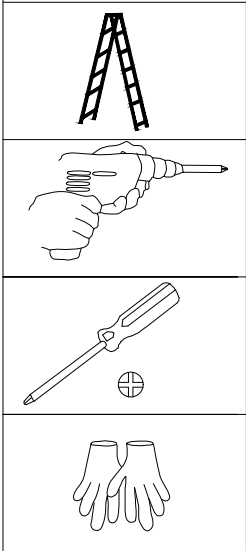
Finally, fix the gutter profile L09A. Tap it gently into position with a rubber mallet.



PART	NO	QTY
	L05A	2
	L05C	2
	L05E	10
	Z08	112
	M4.2X16	
	S26	16
	M5X12	



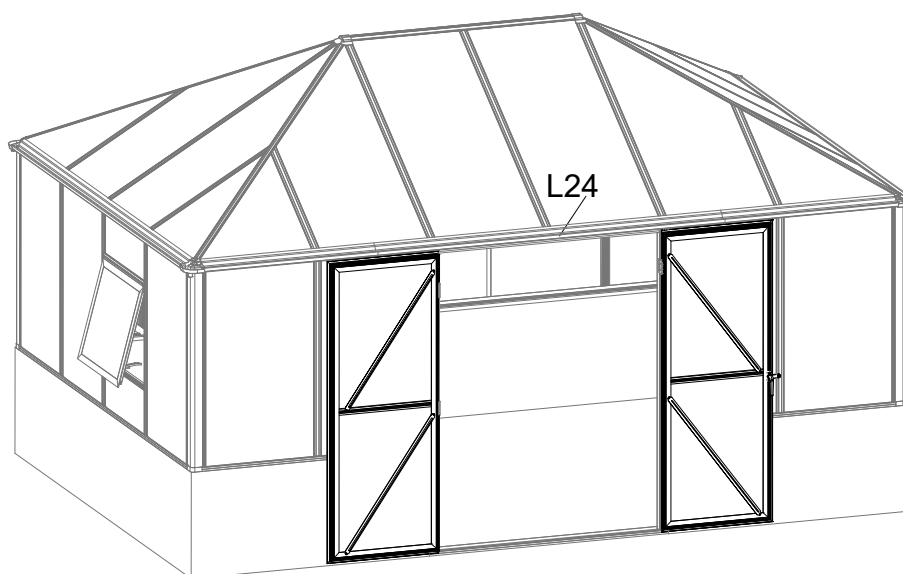
Fix L05A&L05C to L03B & L03C using S26, and fix it to L03D using Z08.



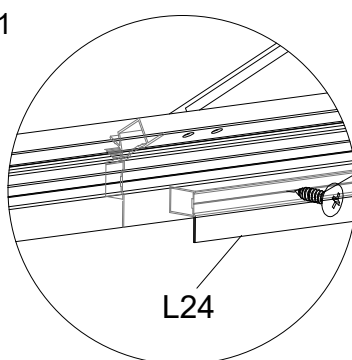
Fix the eave bracing L05E using Z08 as shown.

PART	NO	QTY
	L24	1
	A51	4
	Z08 M4.2X16	3
	Z17 M4.8X16	8
	S27 M5X12	24

Door Assembly



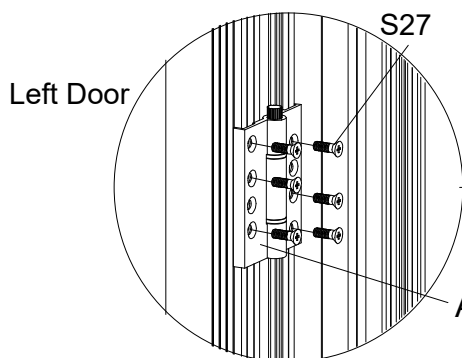
1



Z08

L24

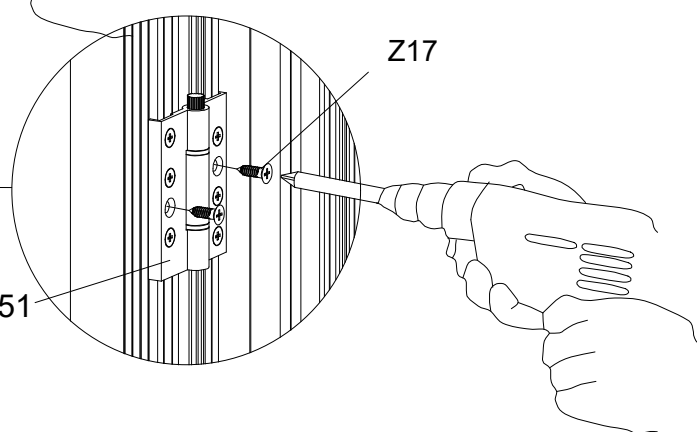
Fix L24 to L07B, using Z08.



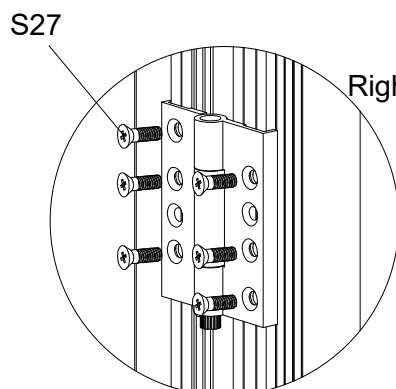
Left Door

S27

A51

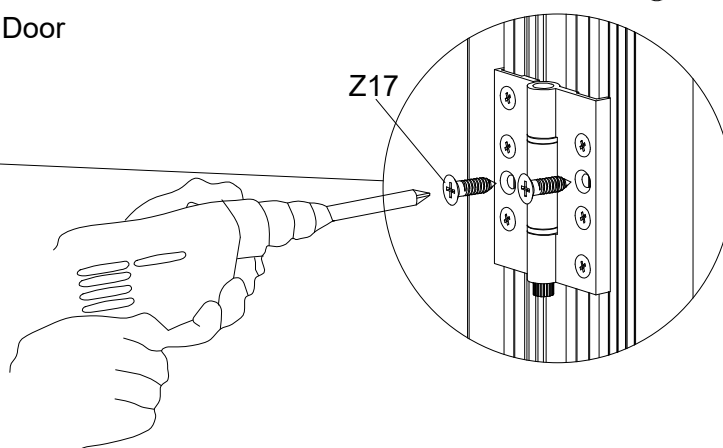


Z17



S27

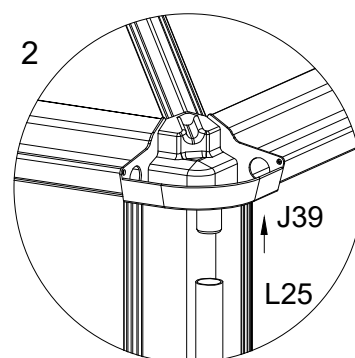
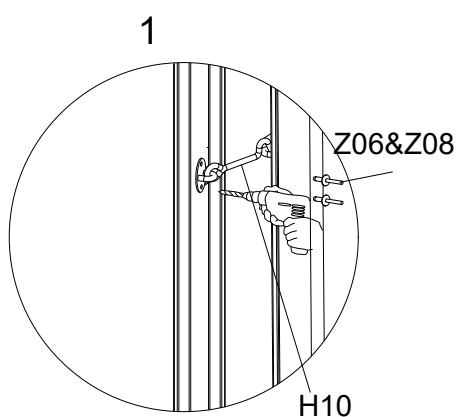
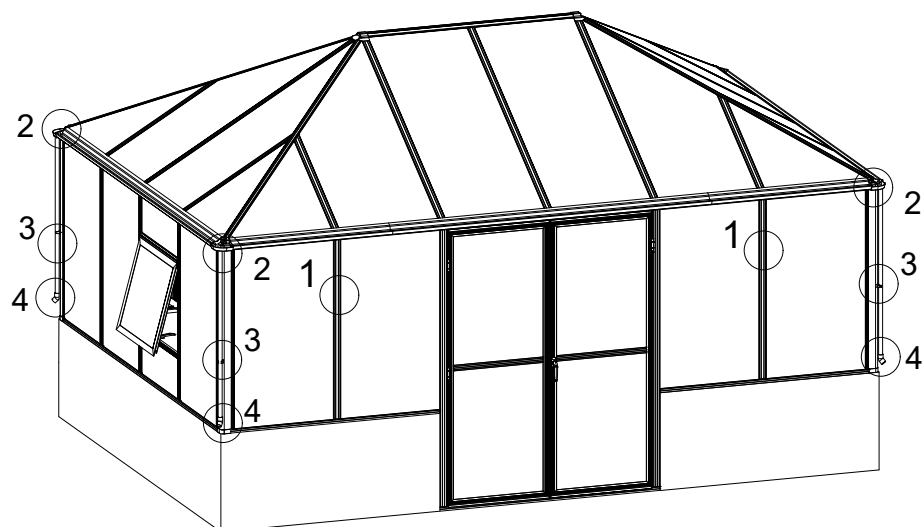
Right Door



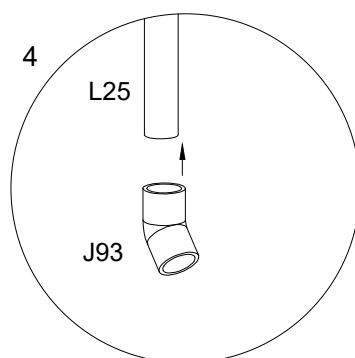
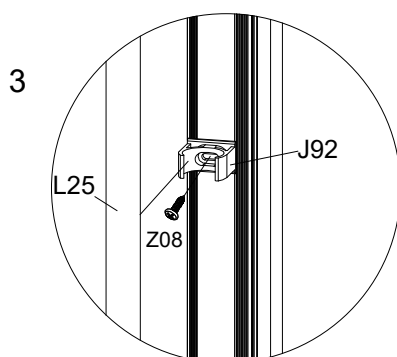
Z17

Fix L25(4 PCS) one side to the door profile and the other side to L04A/L04B using S27. Then secure with Z17.

PART	NO	QTY
	L25	4
	J93	4
	J92	4
	A89	2
	Z06 Ø3.2X10	4
	Z08 M4.2X16	8



Drill the holes on each L03A as shown, Dia.3.2mm, and secure the hooks H10 with Z06 & Z08, then ensure H10 works with Door properly when the doors are open.



Drill a hole in L01A, approximately 3mm diameter and 700mm up from the bottom. Fix the J92 downpipe bracket with Z08 screws and then clip the L25 downpipe into the J92 bracket.

If you wish to eliminate leaks use glue when fixing the downpipe bends (not provided).

