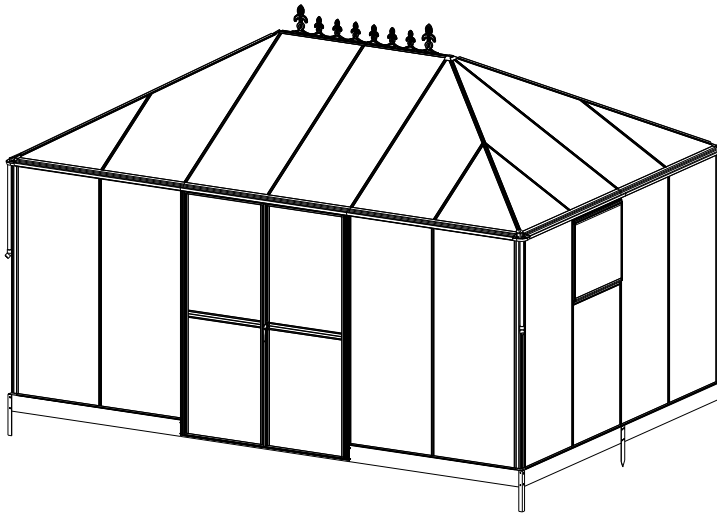


Assembly Instructions

MODEL:AM2604

PRODUCT SIZE(LxWxH): 14X10

PLEASE READ CAREFULLY BEFORE ASSEMBLY



Greenhouse 14x10 FT Assembly Instruction

SKU:

1007040034B(BOX 1)

1007040035B(BOX 2)

1007040036B(BOX 3)

Arrive in 3 separate boxes and may not be part of the same shipment; Please install the product after receiving all the packages.

Email Address:cs@howedirect.com

Tel: 901-347-2181

Service Time: 8 am - 5 pm (central time) Monday- Friday.

If no one picks up, please call several more times

2023/8/4

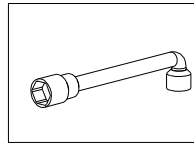
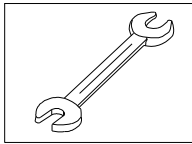
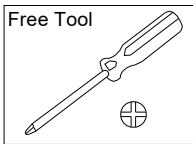
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5. Roof Vent Assembly	Page 10 - 12
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8. Framework & Glazing Assembly	Page 16 - 34

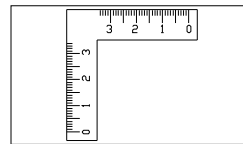
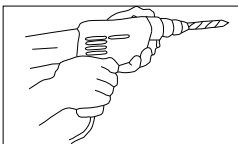
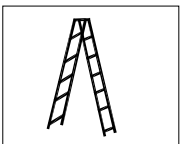
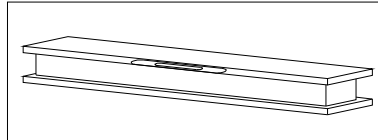
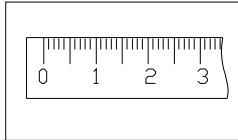
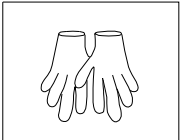
Assembly and Maintenance Advice

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

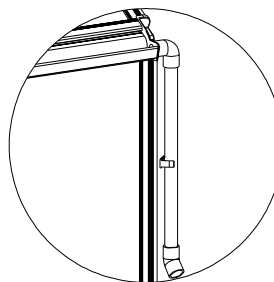


Important:

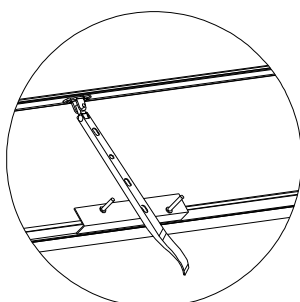
Rubber is not provided if you choose polycarbonate sheet as glazing panel.

Functions and Features:

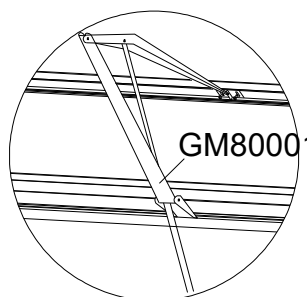
1. The strong two part eaves beam includes an integral gutter. Downpipes are also included as standard so you can collect rainwater.



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



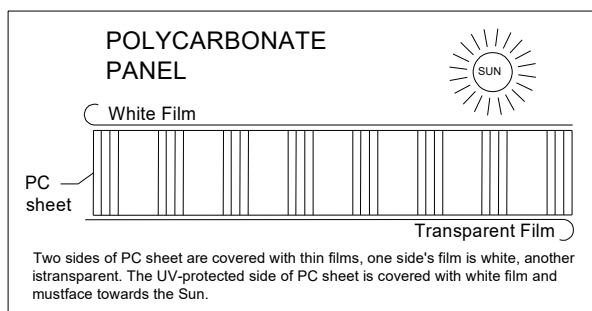
Manual Opener



Automatic Opener

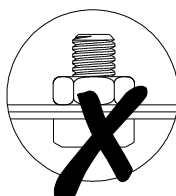
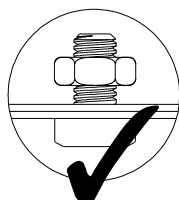
GM80001 is sold separately

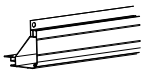




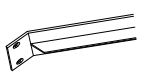






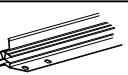
3. Remove approximately 2 inches of film from all sheet edges before installing and remove all film immediately after the construction is completed. Please ensure that the side with the white film faces outwards.









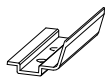


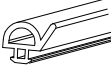













4. This quality greenhouse features self-tapping screws to provide strong joints. As the name suggests, the screws tap their own thread. Driving in self-tapping screws requires more force than conventional screws. A powered screwdriver is therefore recommended.

5. Nuts not to be tightened before the end of assembly! Unless otherwise stated, do not tighten the bolts/nuts/screws until the shed is finally erected!



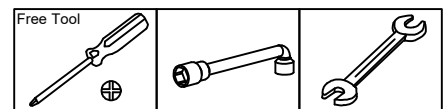
	PART	NO	QTY
1	 1680mm	L01A	4
2	 1680mm	L02A	5
3	 1547mm	L02B	4
4	 E:1538 H:1547	L02E	2
		L02H	2
5	 1680mm	L02F	4
		L02G	2
6	 504mm	L05E	6
7	 1830mm	L09B	2
8	 1782mm	L16A	2
9	 586mm	L17	2
10	 1782mm	L18A	1
		L18B	1
11	 1800mm	L26A	1
		L26B	1
12	 1680mm	L26C	2
13	 2028mm	L27A	4


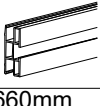
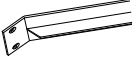
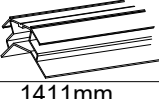
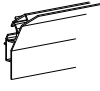


	PART	NO	QTY
		J92	4
		J93	4
		J181	4
		J182	4
		J183	2
		A79	2
		A03	2
		A51	4
		D25	6
		D315	4
		D316	2
		J184	2.8m

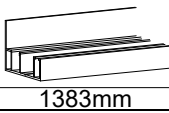
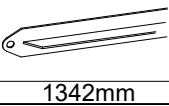
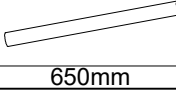
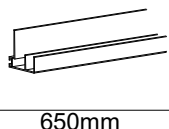
	PART	NO	QTY
		S01 M6X12	310
		M01 M6	298
		Z02 Ø4X16D	32
		Z04 Ø4X8	4
		Z08 M4.2X16	50
		Z17 M4.8X16	8
		S26 M5X12	10
		M08 M5	8
		M07 M6	12
		D114	18
		S69 M6X60	18

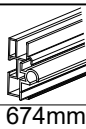


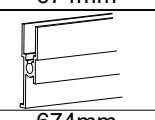


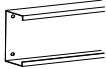



Tools Provided:





	PART	NO	QTY
1	 814mm	L02C	4
		L02D	4
2	 660mm	L04A	2
3	 1043mm	L05F	2
4	 1411mm	L06A	1
5	 1361mm	L07A	8
		L07B	1
		L07C	1
6	 A:1361 B:1351 C:1351	L08A	7
		L08B	1
		L08C	1
7	 A:1362 C:1128	L09A	4
		L09C	4










	PART	NO	QTY
8	 1383mm	L10A	1
9	 1342mm	L23A	2
		L23B	13
10	 650mm	L25	4
11	 650mm	L15A	2
		L15B	1
		L15C	1

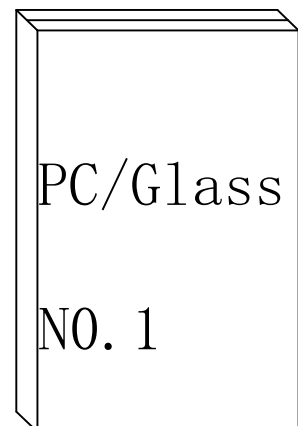
	PART	NO.	QTY.	
12	 674mm	L11A	2	
		L12A	2	
13	 580mm	L19	4	
		 674mm	L20	2
			 674mm	L21

PART	NO	QTY
 A1:1414 B1:1425 A2:1362	A1	2
	B1	6
	A2	1
	D306	4
	D307	4
	D317	2










	J128	3
	J148	2

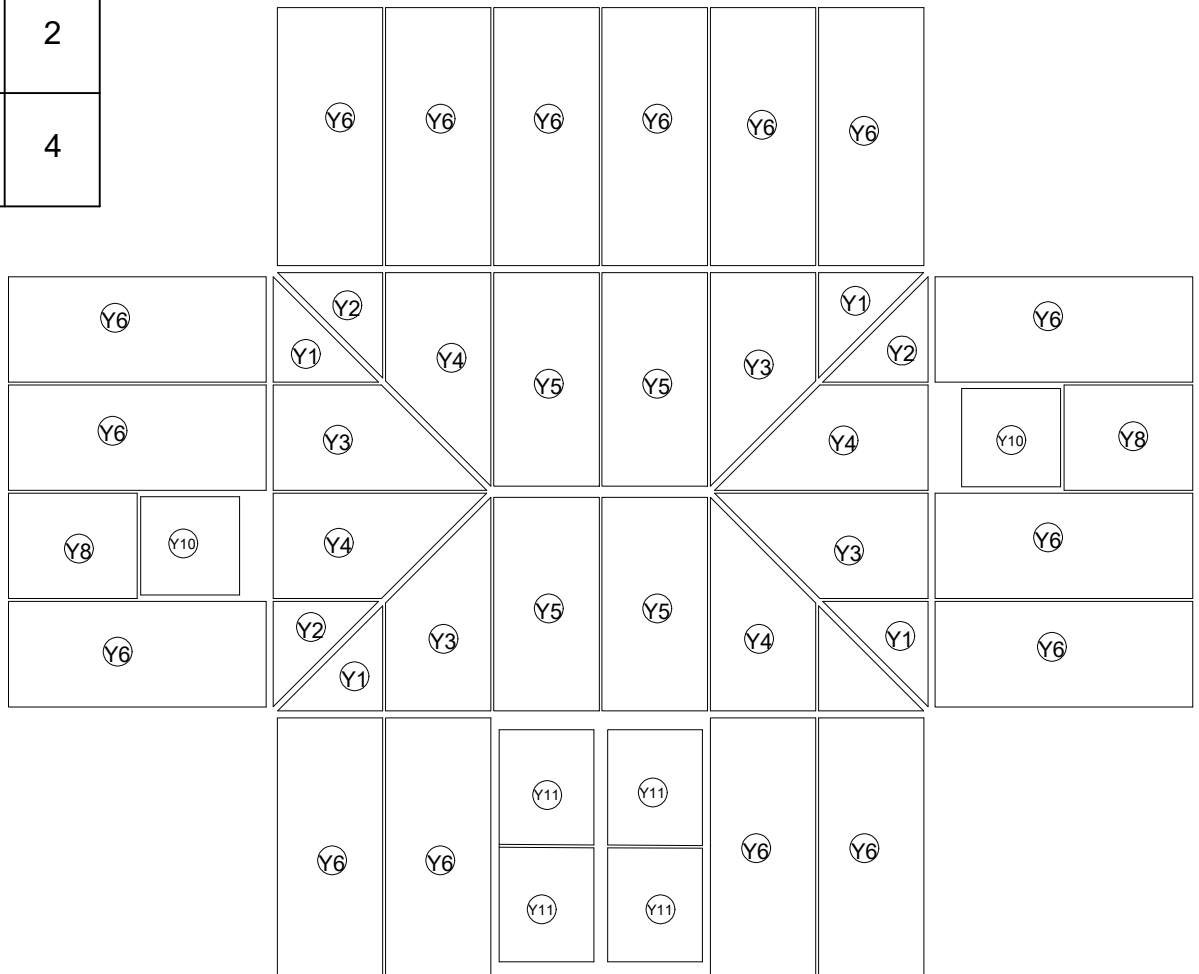


PART	NO	QTY
 806X678mm	Y1	4
 806X678mm	Y2	4
 1574X678mm	Y3	4
 1574X678mm	Y4	4
 1574X678mm	Y5	4
 1701X678mm	Y6	16
 1046X678mm	Y8	2
 672X558mm	Y10	2
 874X604mm	Y11	4



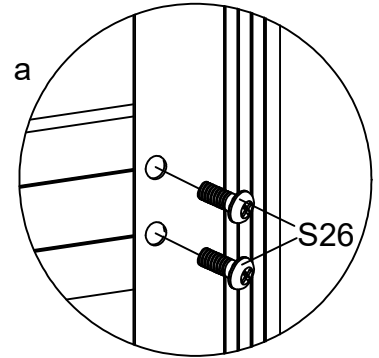
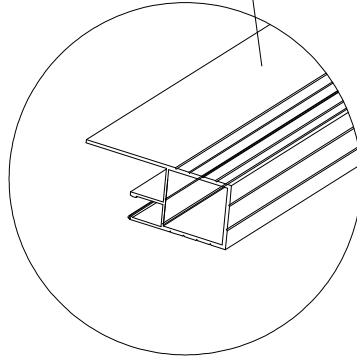
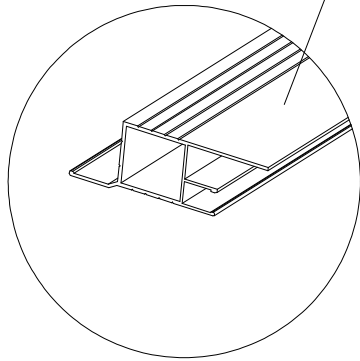
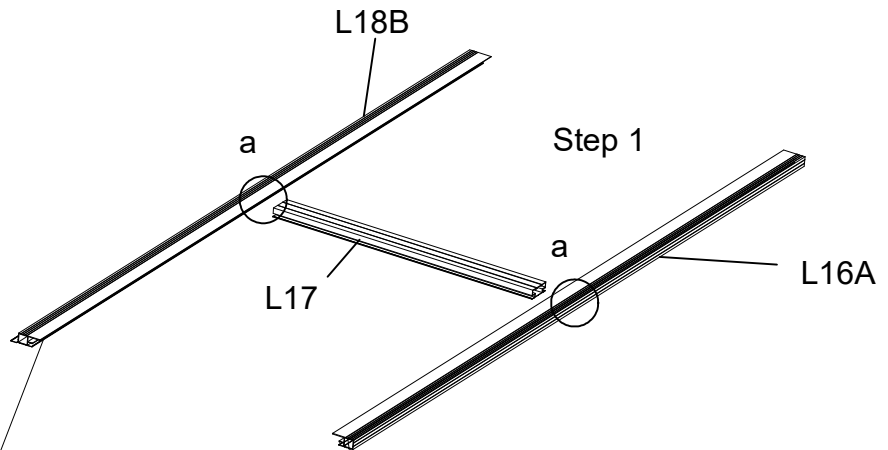
Panel Exploded View

PART	NO	QTY
	Y1	4
806X678mm		
	Y2	4
806X678mm		
	Y3	4
1547X678mm		
	Y4	4
1547X678mm		
	Y5	4
1574X678mm		
	Y6	16
1701X678mm		
	Y8	2
1046X678mm		
	Y10	2
672X558mm		
	Y11	4
874X604mm		



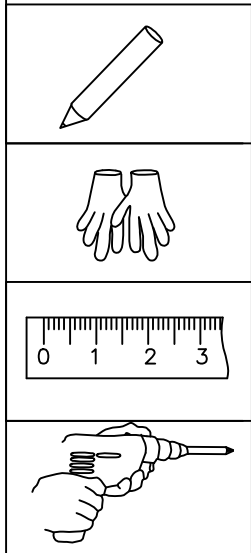
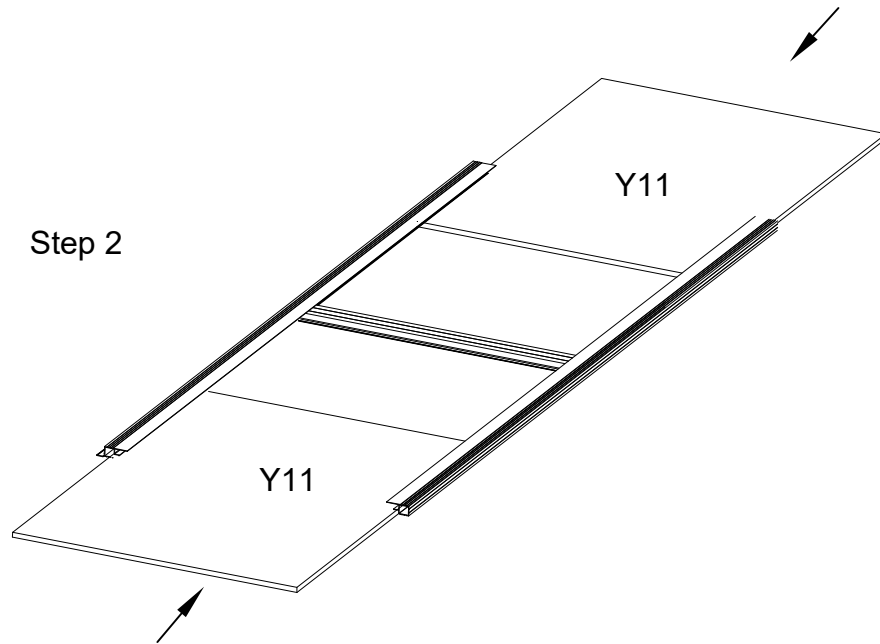
PART	NO	QTY
	L15B	1
	L15C	1
	L16A	1
	L17	1
	L18B	1
	S26	8
	M5X12	
	M08	4
	M5	
	Y11	2

Left Door

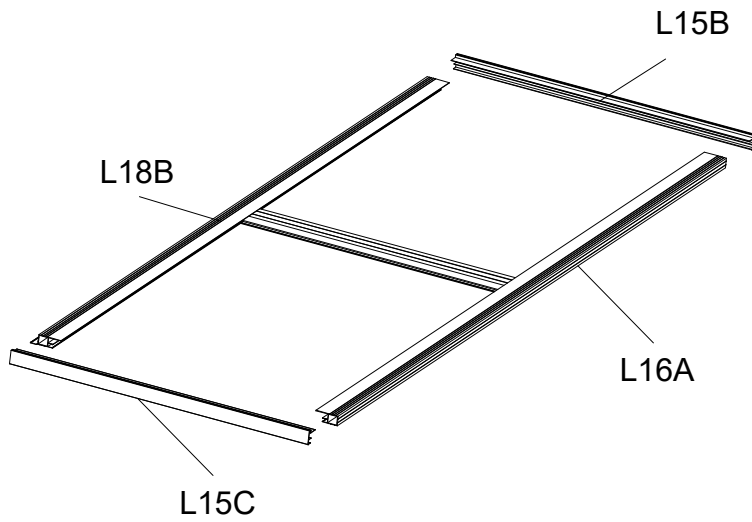


! Attention: Check the direction of the accessories

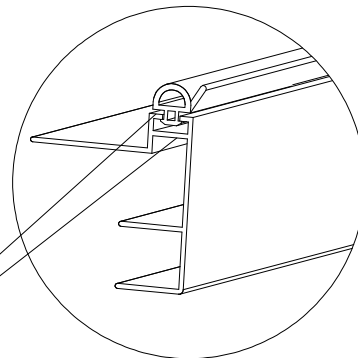
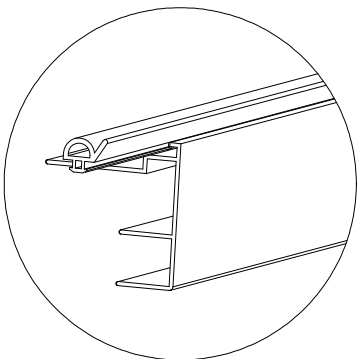
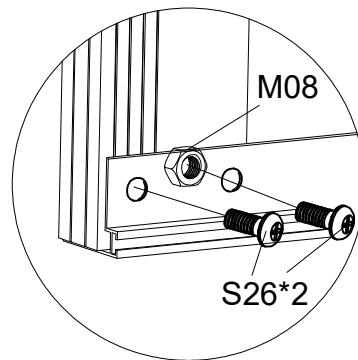
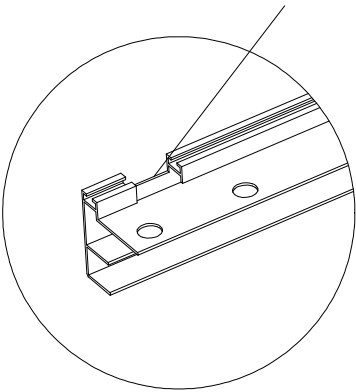
Step 2



! 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.



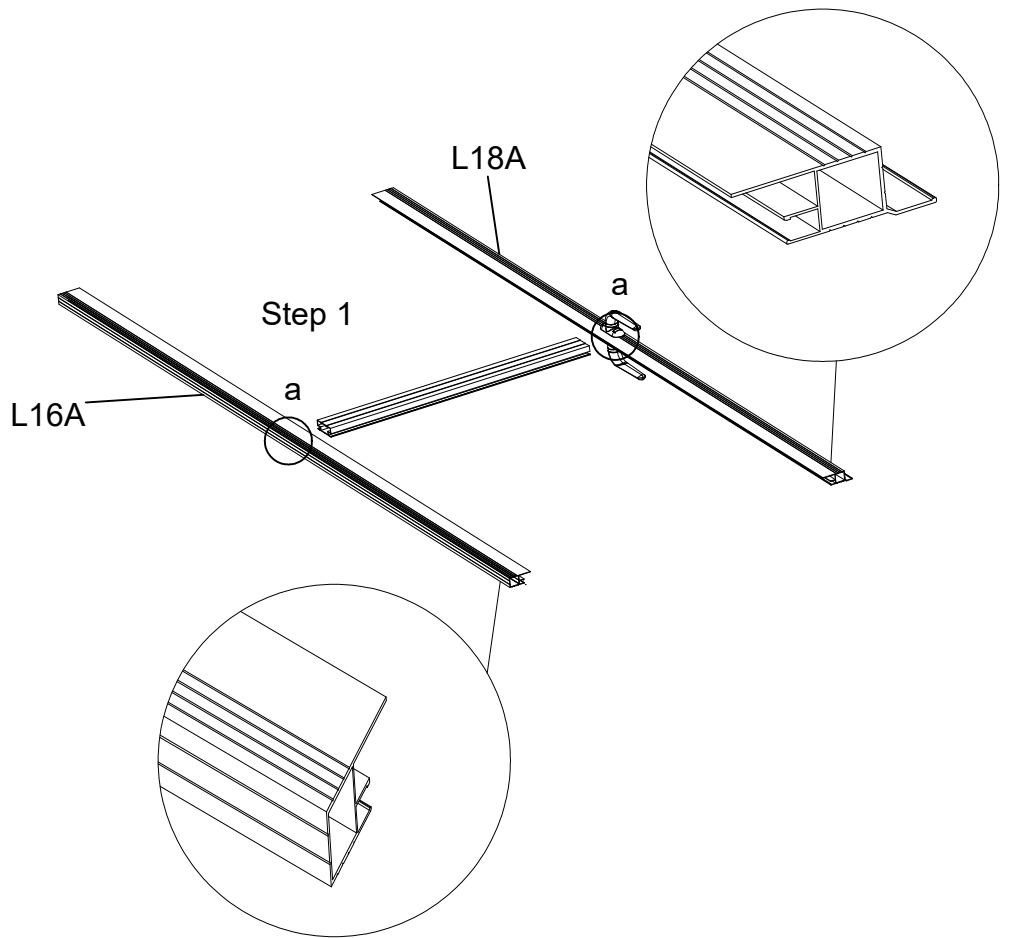
!Attention: The notched end of the L15B&C is connected to the L18B



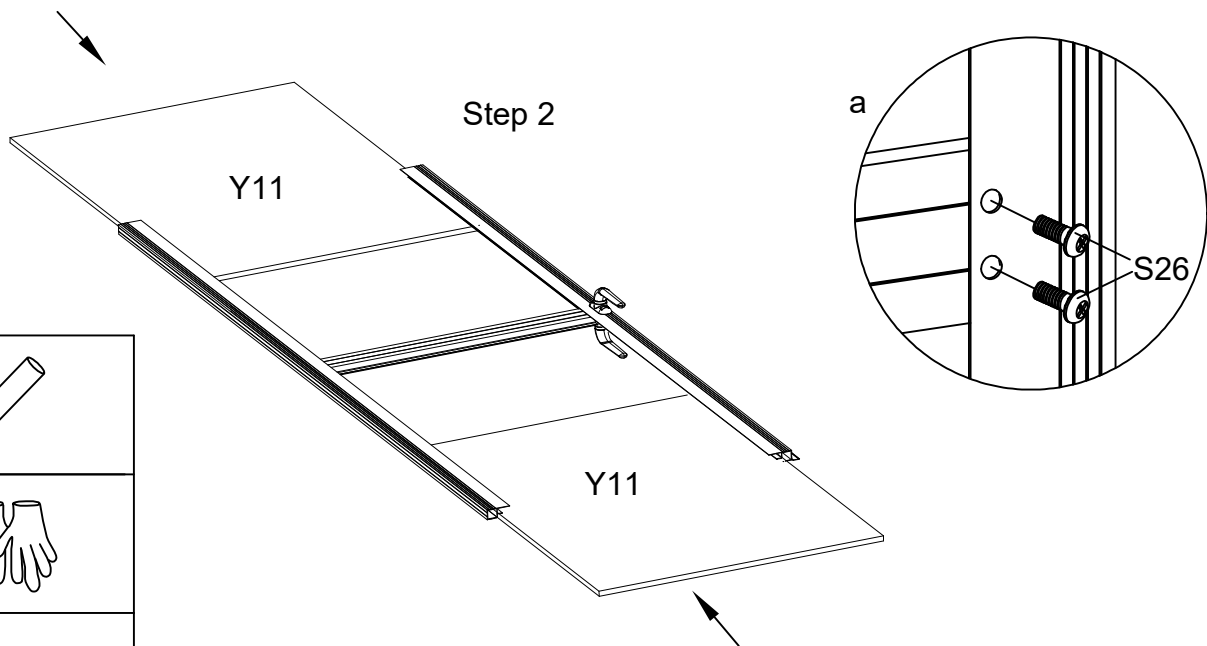
Slide the adhesive strip J184 into the groove of L15A after installation, and then clamp the two ends with pliers.

PART	NO	QTY
	L15A	2
	L16A	1
	L17	1
	L18A	1
	S26 M5X12	8
	M08 M5	4
	Y11	2

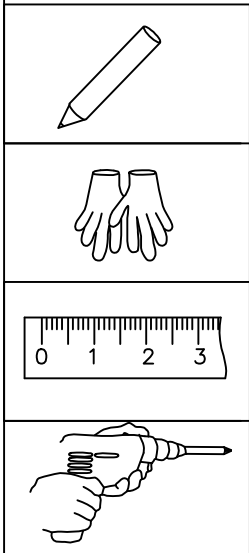
Right Door



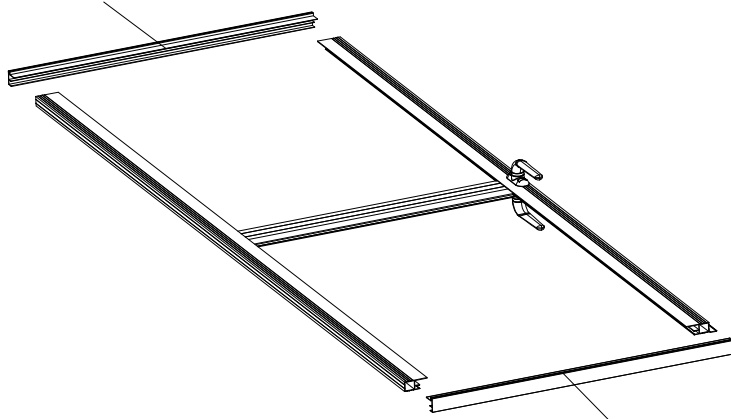
! Attention: Check the direction of the accessories



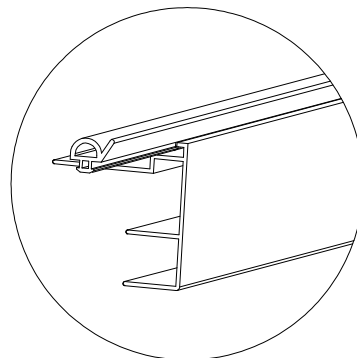
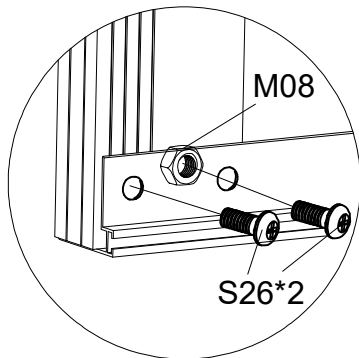
! Attention: Remove the protective films from both sides of each polycarbonate panel, before inserting into aluminum channels. Ensure the milky white film faces towards the Sun.



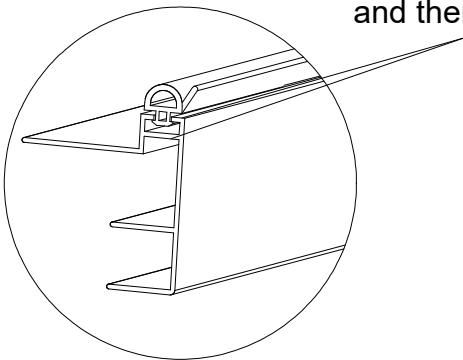
L15A



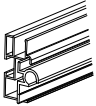
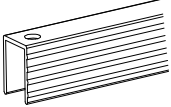
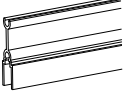
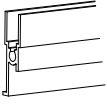





L15A



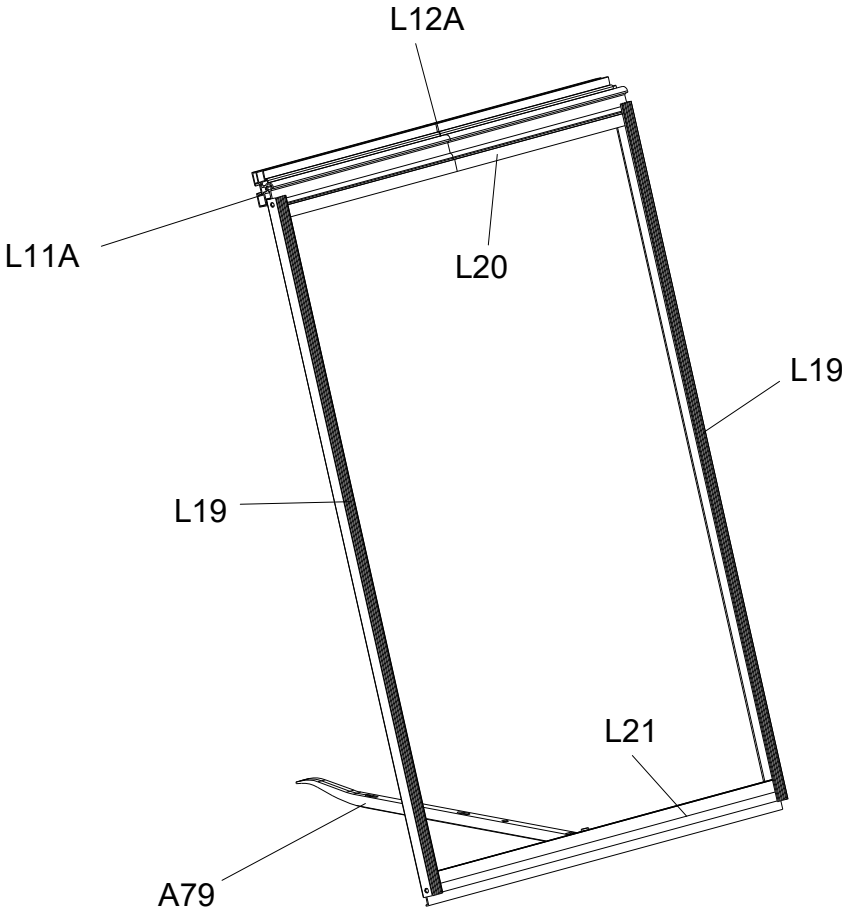
Slide the adhesive strip J184 into the groove of L15A after installation, and then clamp the two ends with pliers.

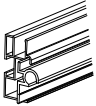
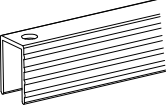

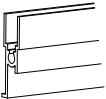





Exploded View

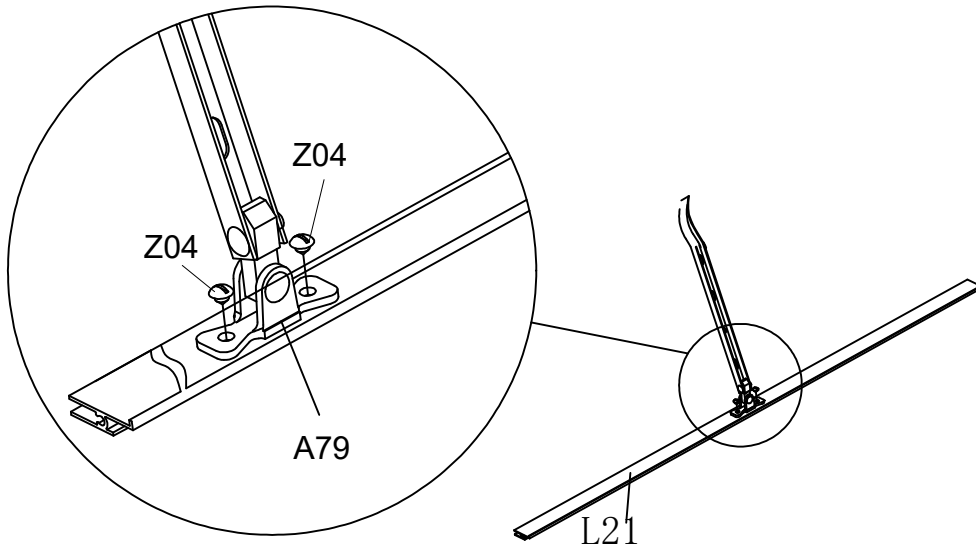
PART	NO.	QTY.
	L11A	2
	L12A	2
	L19	4
	L20	2
	L21	2
	Y10	2
	A79	2
	Z02 Ø4X16D	12
	Z04 Ø4X8	4
	Z08 M4.2X16	4

Window X 2

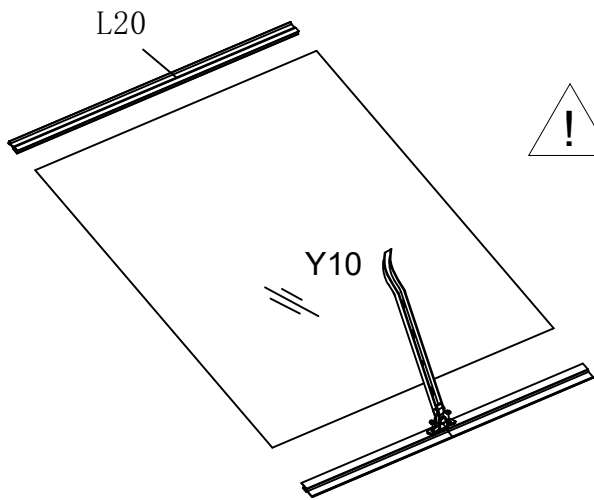


PART	NO.	QTY.
	L11A	1
	L12A	1
	L19	2
	L20	1
	L21	1

Part	NO.	QTY.
	Y10	1
	A79	1
	Z02 Ø4X16D	6
	Z04 Ø4X8	2



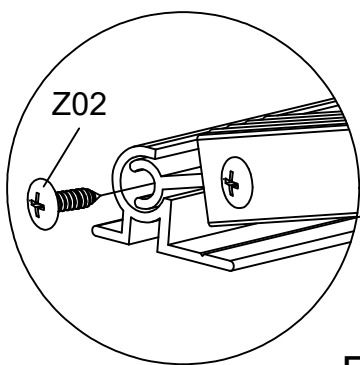
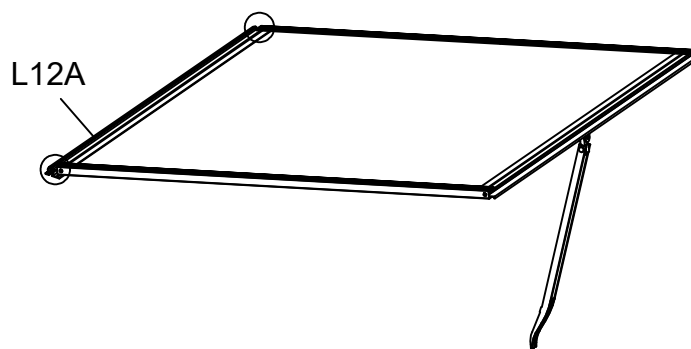
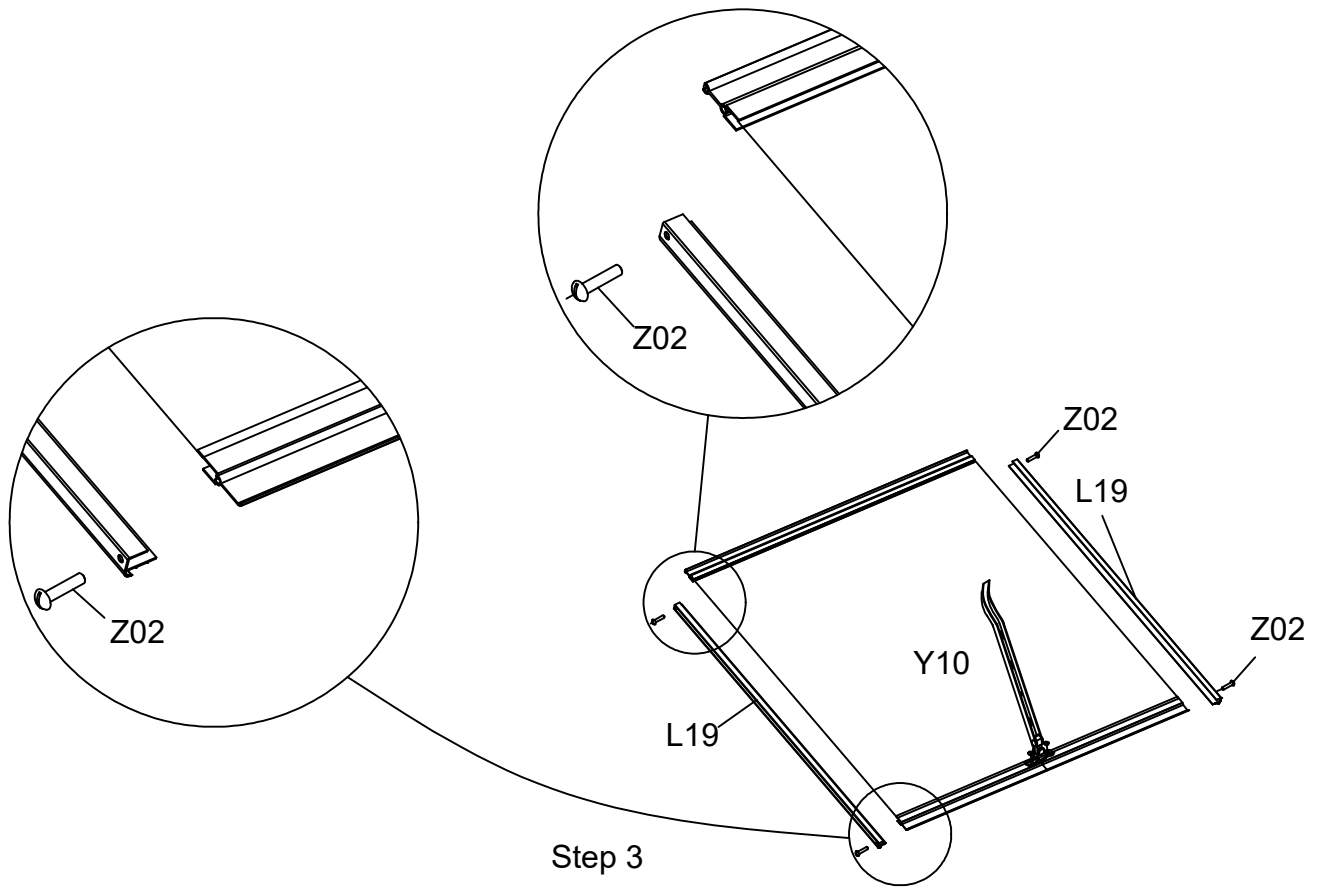
Step 1



Step 2



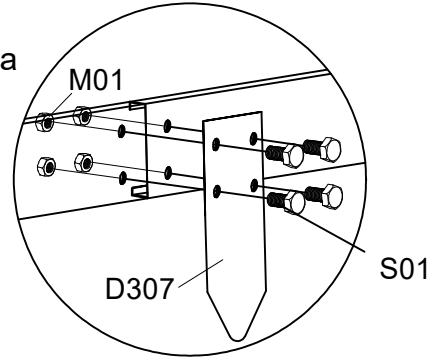
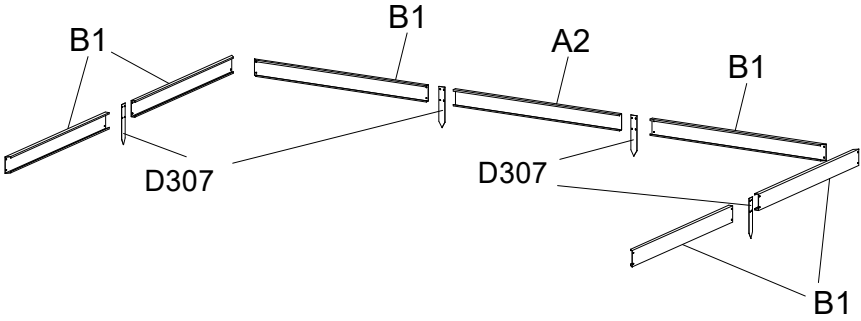
! Attention: Remove the protective films from both sides of each polycarbonate panel, before inserting into aluminum channels. Ensure the milky white film faces towards the Sun.



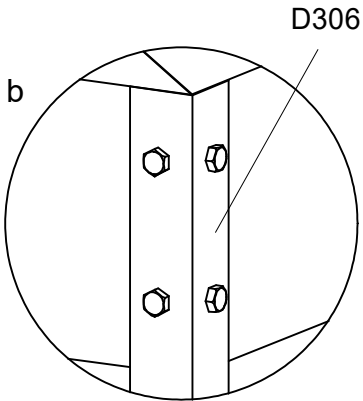
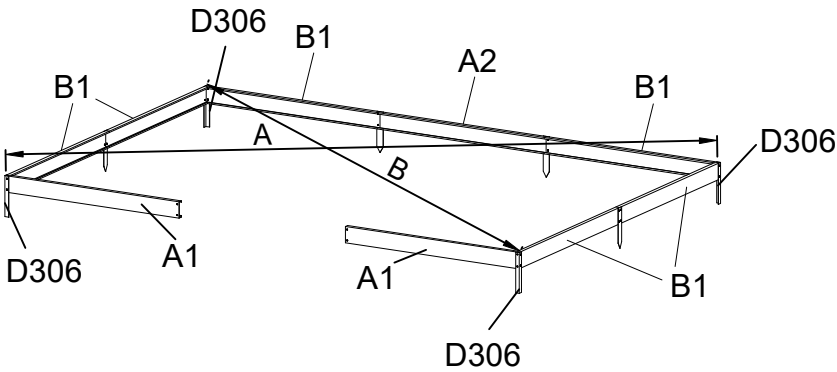
Four windows are standard

Base Assembly

PART	NO	QTY
	A1	2
	A2	1
	B1	6
	D306	4
	D307	4
	S01 M6X12	32
	M01 M6	32



Attention! D306 and D307 must be inserted into the soil or installed in reverse!!



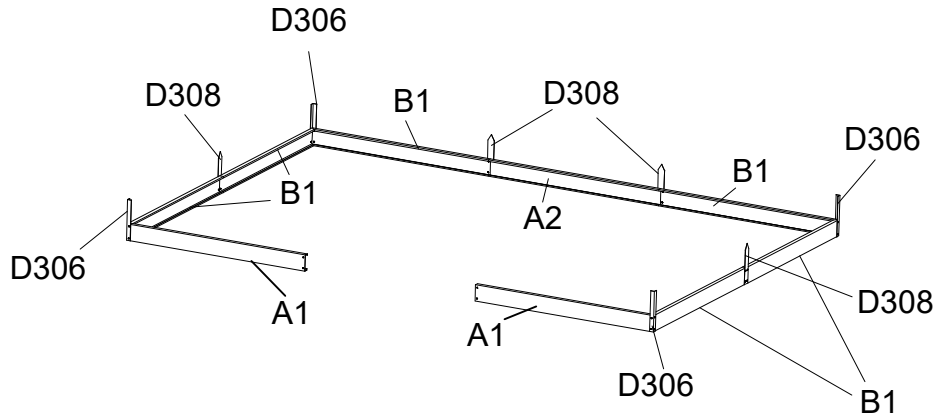
Ⓐ = Ⓑ



Fix the base before assembly the greenhouse. This is the way to fix the base.

Base Assembly

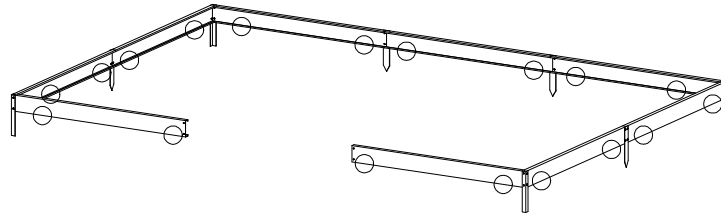


! Attention: Turn over the steel plinths D306 & D367 & D308 to complete the base installation as shown below, when the greenhouse is NOT inserted and secured into the soft soil.

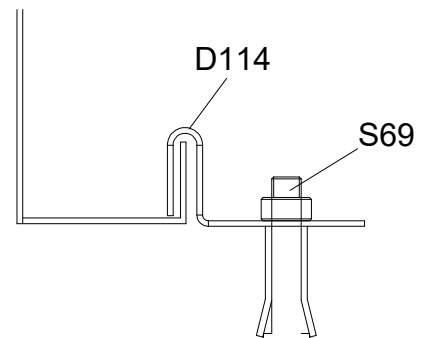
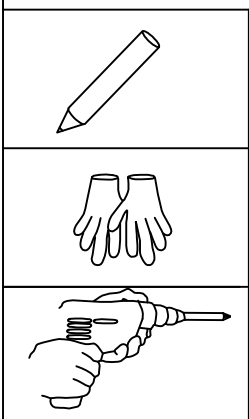
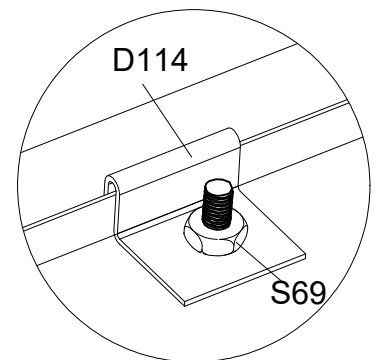
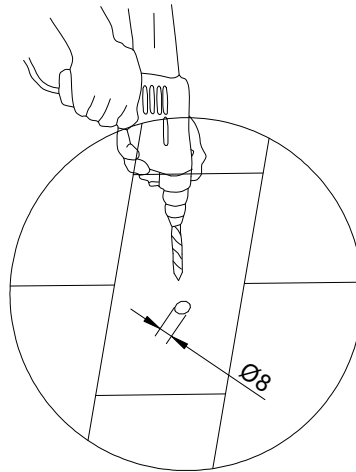
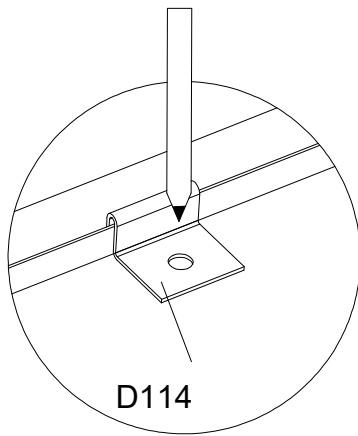
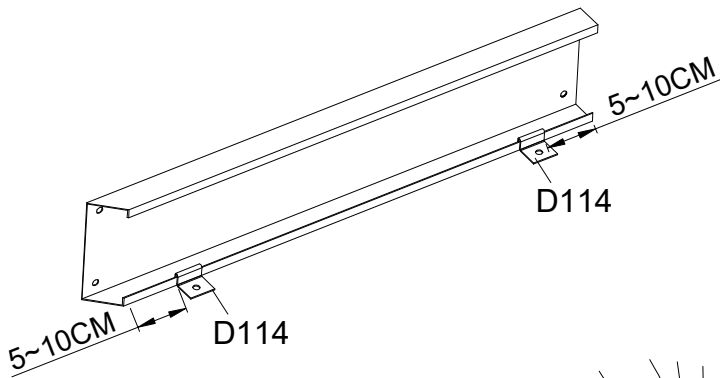


PART	NO	QTY
	D114	18
	S69 M6X60	18

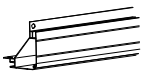

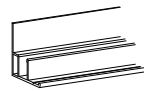
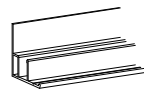





Base Assembly

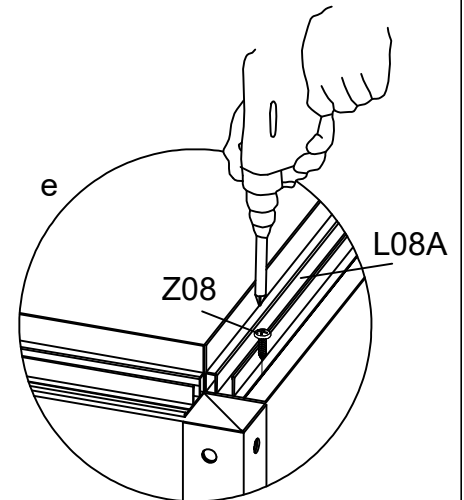
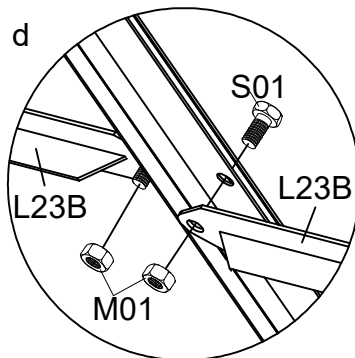
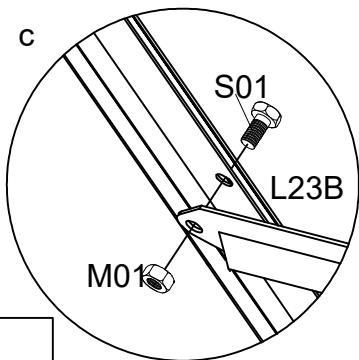
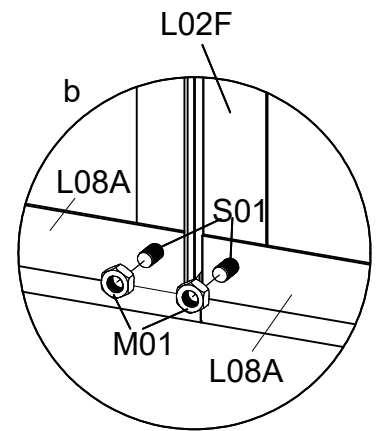
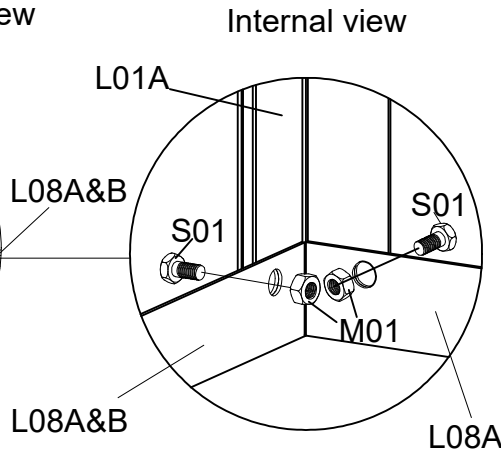
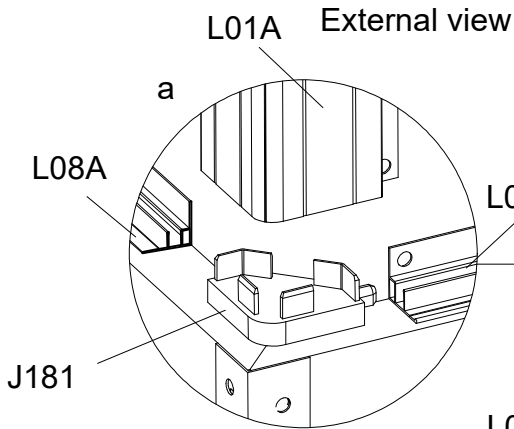
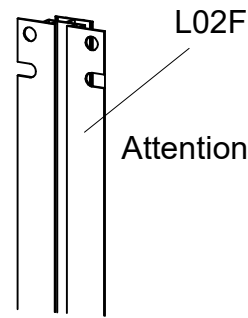
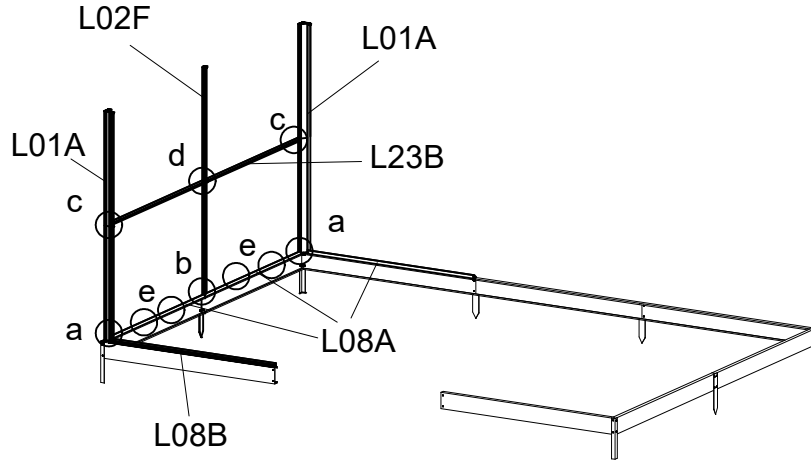


1. Fix the base anchor clip D114 onto each base section with a distance of 5~10CM from each end.
2. Mark the middle of the D114 hole to drill the $\text{Ø}8$ hole, then use S69 to fix the D114 to the ground



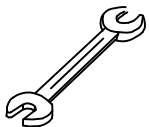
Wall Assembly


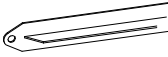




PART	NO	QTY
	L01A	2
	L02F	1
	L08A	3
	L08B	1
	L23B	2
	J181	4
	S01 M6X12	8
	M01 M6	8
	Z08 M4.2X16	4



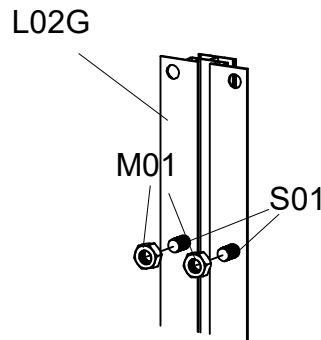
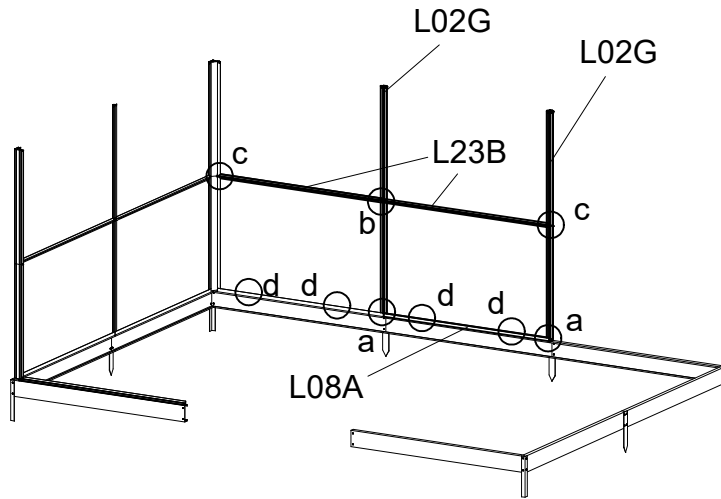
L23B with the extra reinforced edge in the middle should face inside.

Use Z08 against the hole on L08A
Fix L08A to the foundation



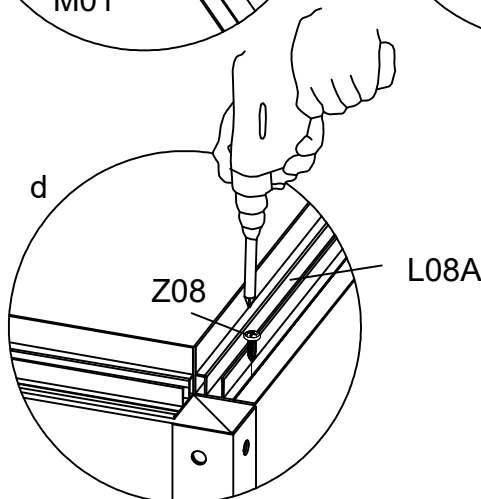
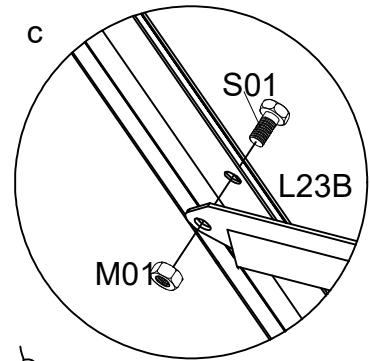
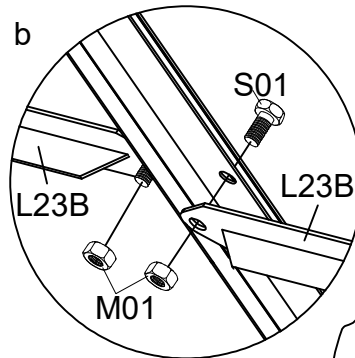
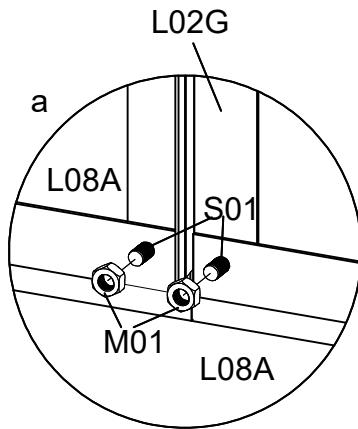
PART	NO	QTY
	L02G	2
	L23B	2
	L08A	1
	S01 M6X12	12
	M01 M6	12
	Z08 M4.2X16	4

Wall Assembly

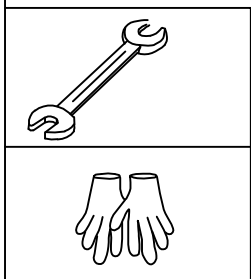


Attention! Install S01 and M01 first, and put the side with 4 holes of L02G face upwards



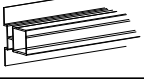





L23B with the extra reinforced edge in the middle should face inside.

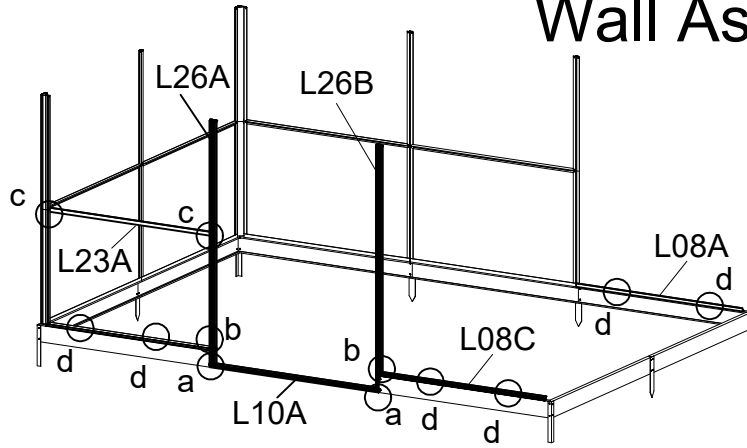


Use Z08 against the hole on L08A
Fix L08A to the foundation

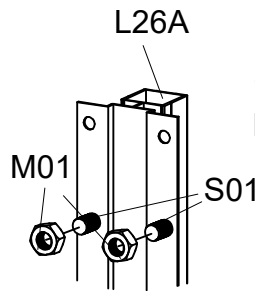


Wall Assembly

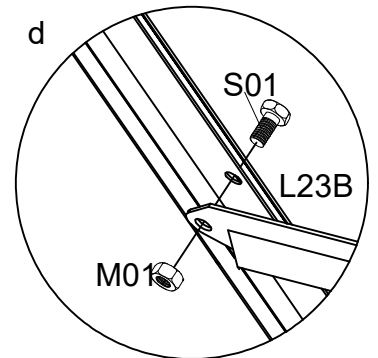
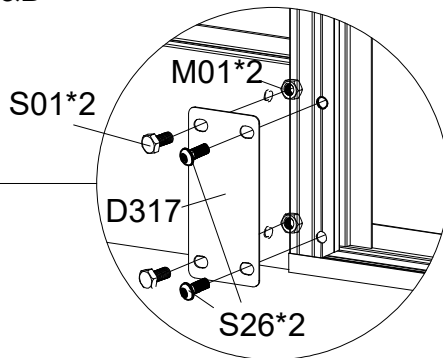
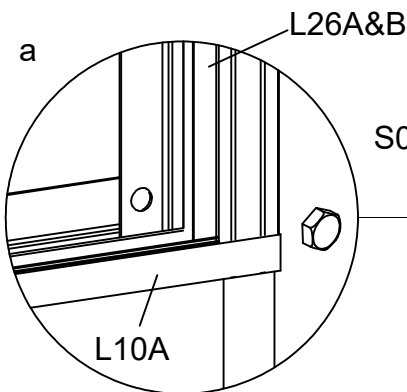
PART	NO	QTY
	L10A	1
	L23A	1
	L26A	1
	L26B	1
	L08A	2
	D317	2
	S01 M6X12	10
	M01 M6	
	S26 M6X12	4
	Z08 M4.2X16	
	Z08 M4.2X16	8



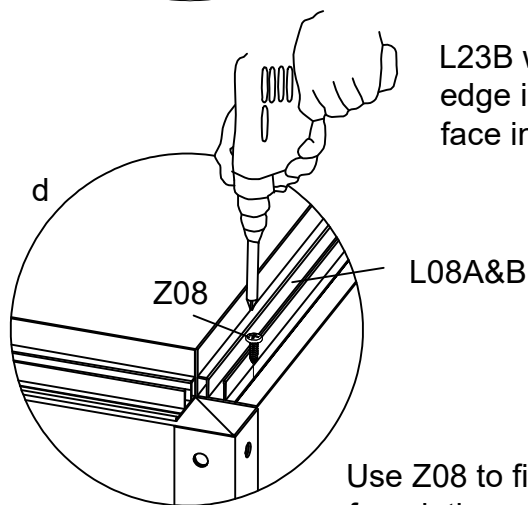
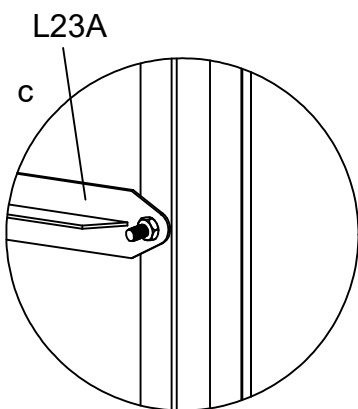
Attention! Install S01 and M01 first, and put the side with 4 holes of L26A face upwards



Fix L26A onto L08B,
L26B onto L08C using S01 & M01



L23B with the extra reinforced edge in the middle should face inside.

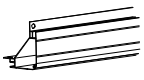







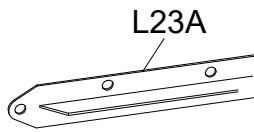
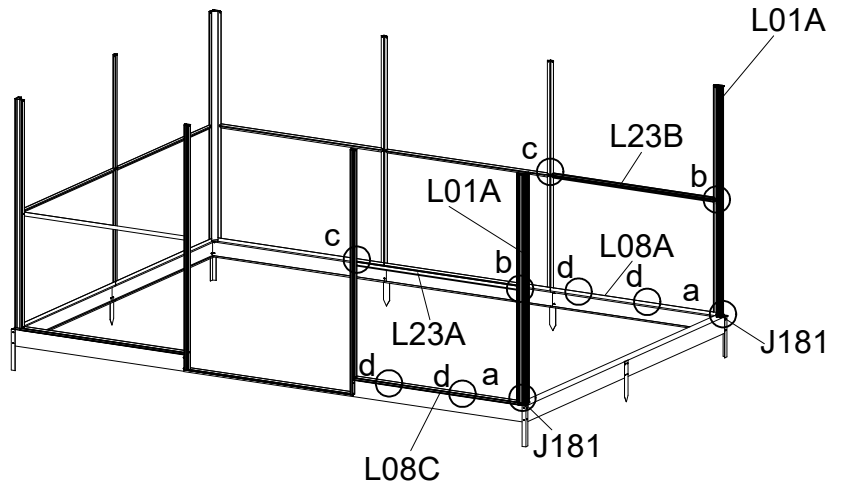
Use Z08 to fix L08A&B to the foundation with the holes on L08A&B.



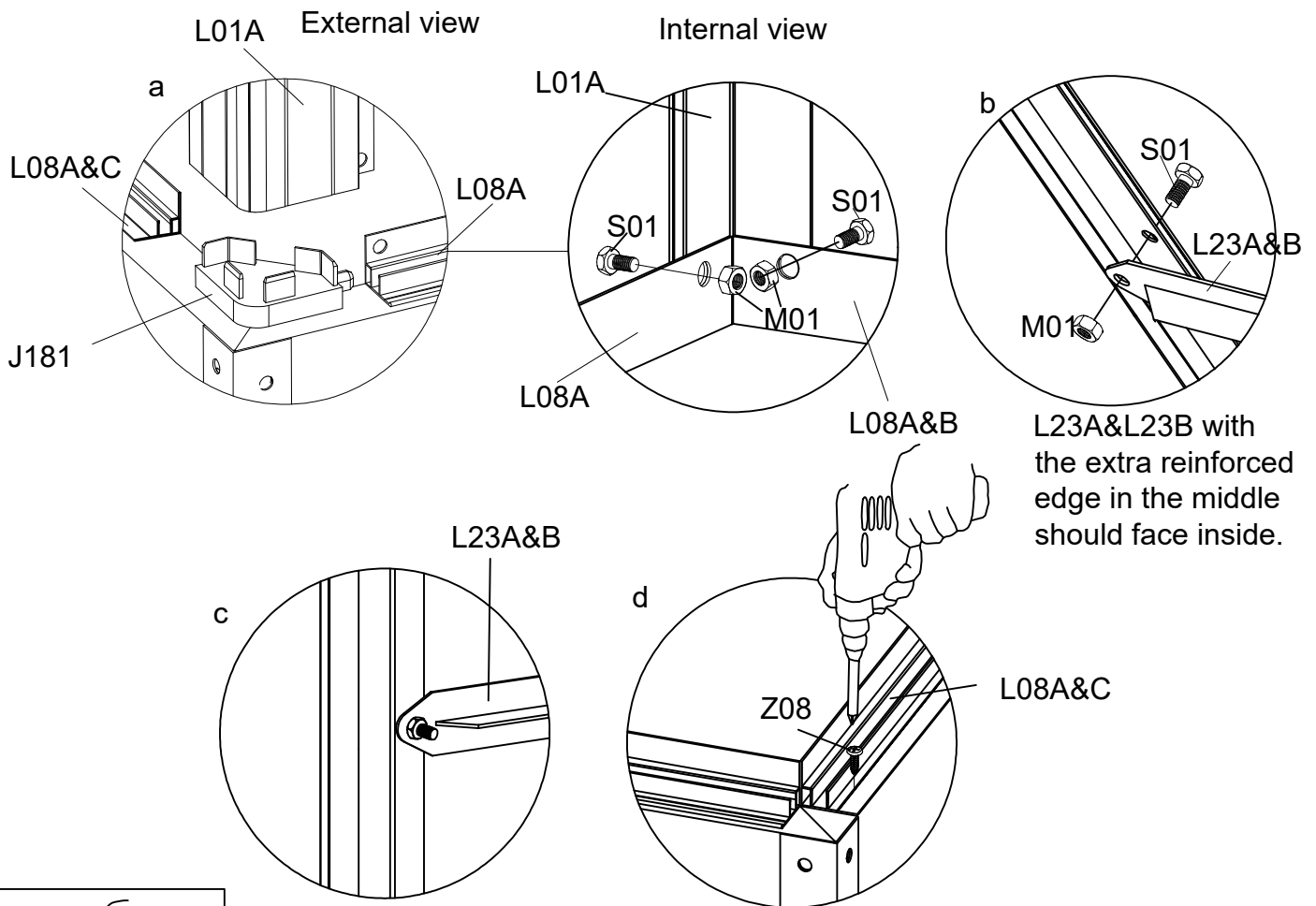
Attention! Put the side with 2 holes of L23A facing upwards.

Wall Assembly

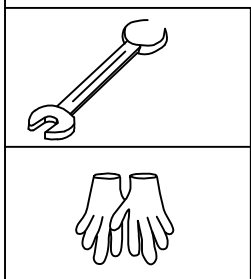
PART	NO	QTY
	L01A	2
	L23A	1
	L23B	1
	J181	2
	S01	6
	M6X12	
	M01	6
	M6	
	Z08	4
	M4.2X16	









Attention! Put the side with 2 holes of L23A facing upwards.



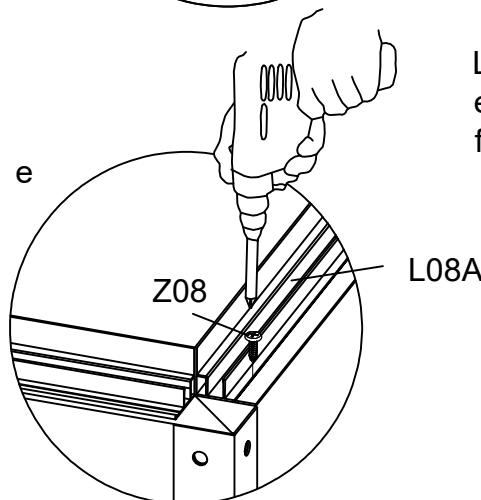
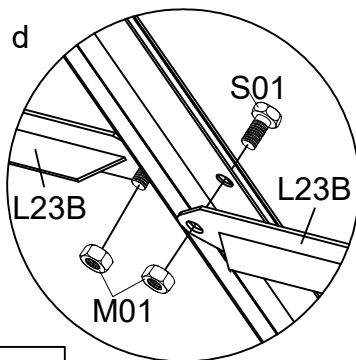
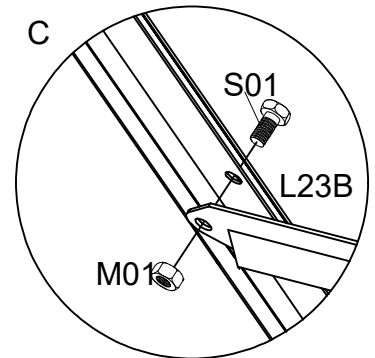
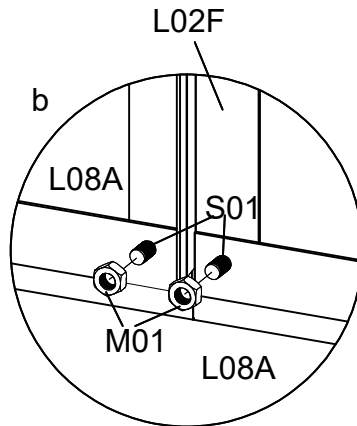
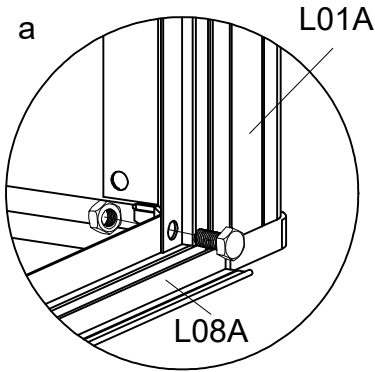
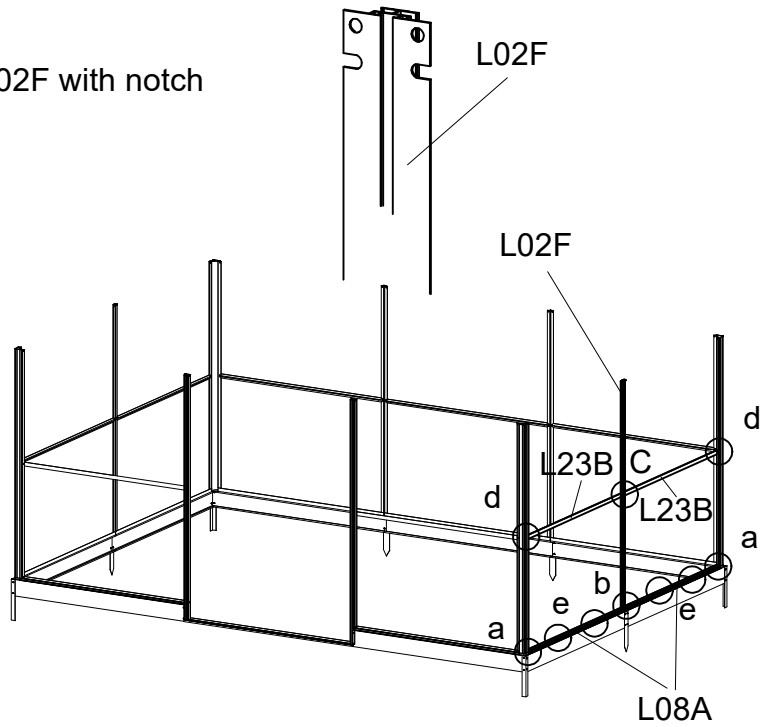
Secure the L08A&C to the foundation with a Z08 against the hole in the L08A&C



PART	NO	QTY
	L02F	1
	L08A	2
	L23B	2
	S01 M6X12	8
	M01 M6	8
	Z08 M4.2X16	4

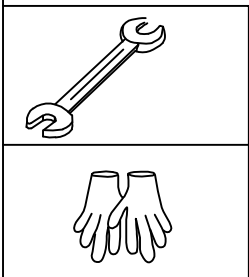
Attention! L02F with notch facing up.

Wall Assembly



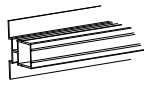




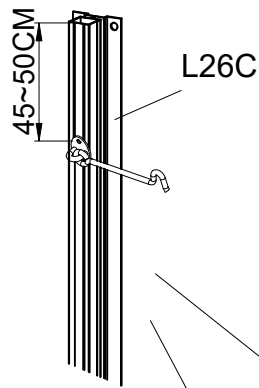
L23B with the extra reinforced edge in the middle should face inside.

Secure the L08A to the foundation with Z08 against the hole in the L08A

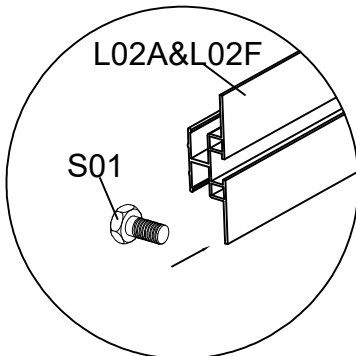
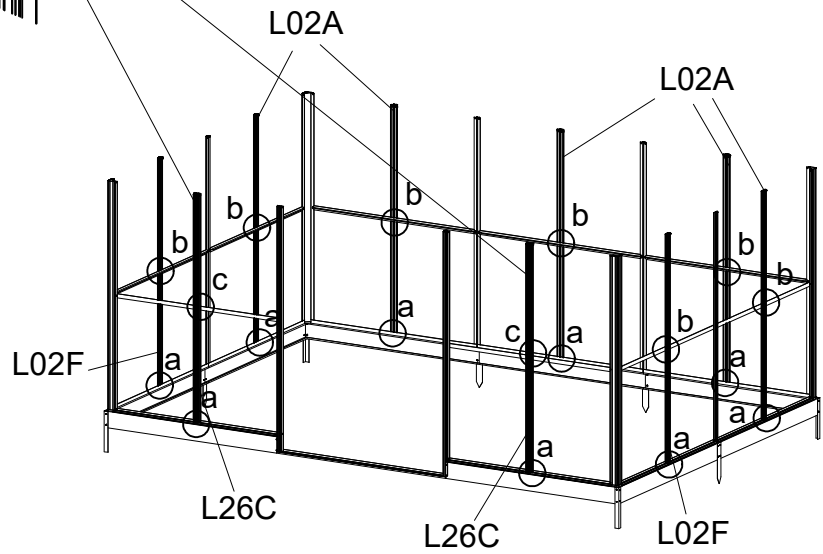
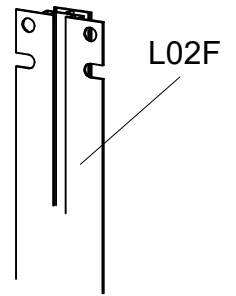


Wall Assembly

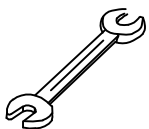
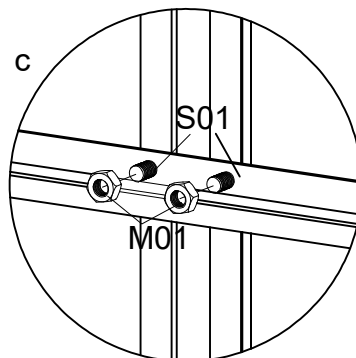
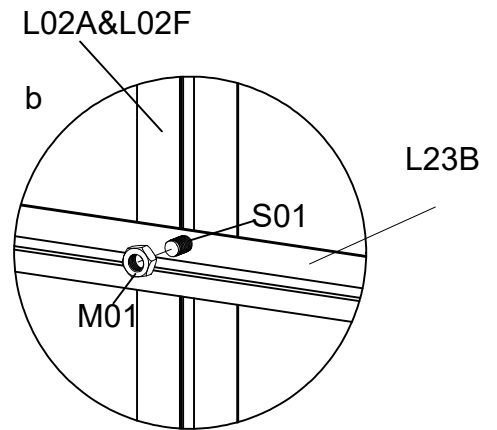
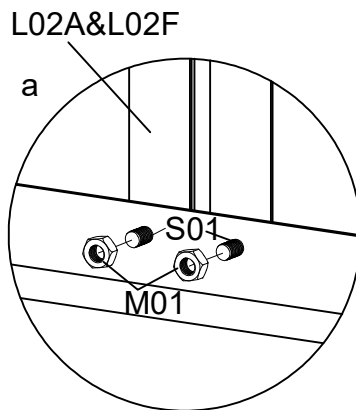
PART	NO	QTY
	L02A	5
	L02F	2
	L26C	2
	S01 M6X12	29
	M01 M6	29

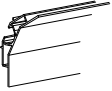
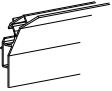
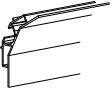







Attention! L02F with notch facing up.



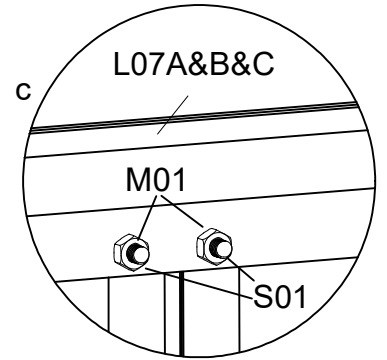
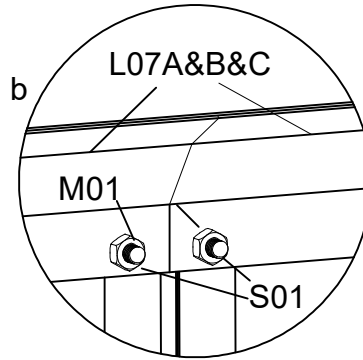
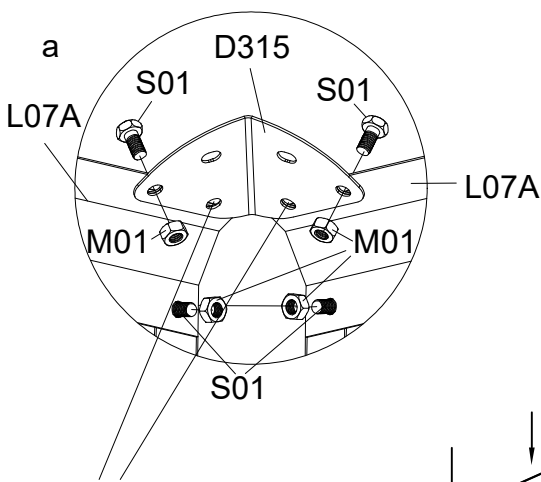
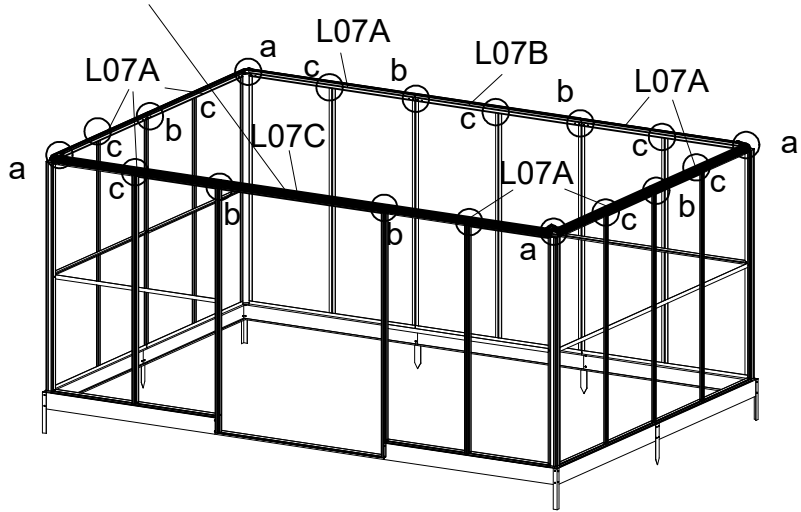
Slide S01 into each L02A end L02F bolt channel to be used later.



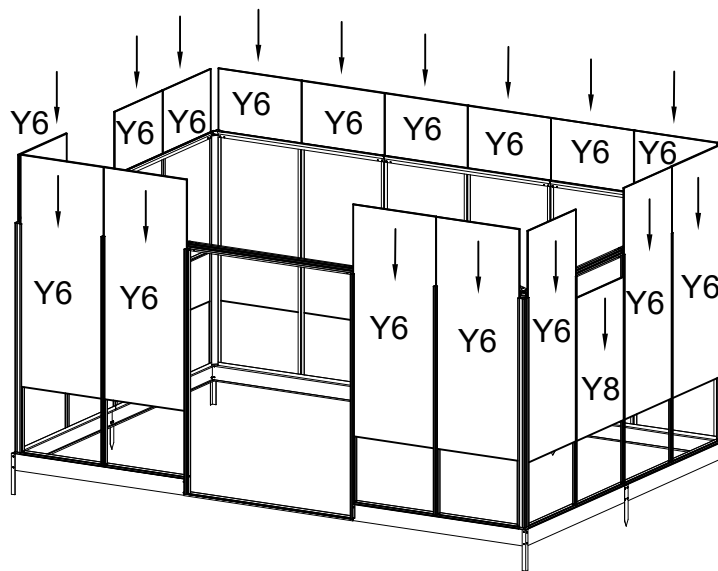
PART	NO	QTY
	L07A	8
	L07B	1
	L07C	1
	D315	4
	S01 M6X12	24
	M01 M6	24
	Y6	16
	Y8	2

Attention! Put the side of L07C has two holes in the middle upward!

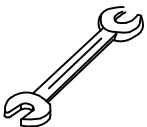
Wall Assembly



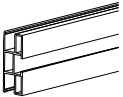




Attention! Part D315, two holes in the middle do not install screws, other screws should not be tightened until the entire product is installed.

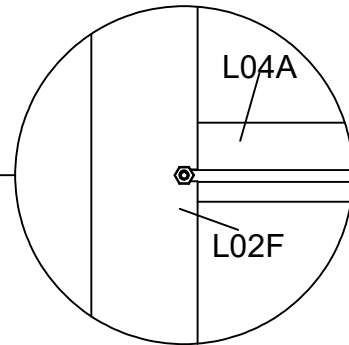
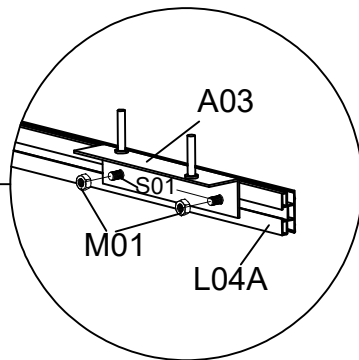
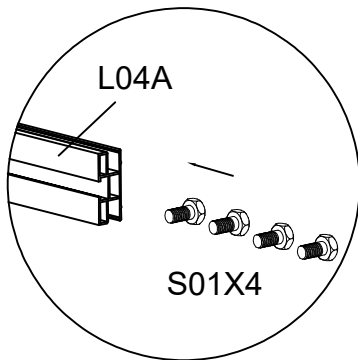
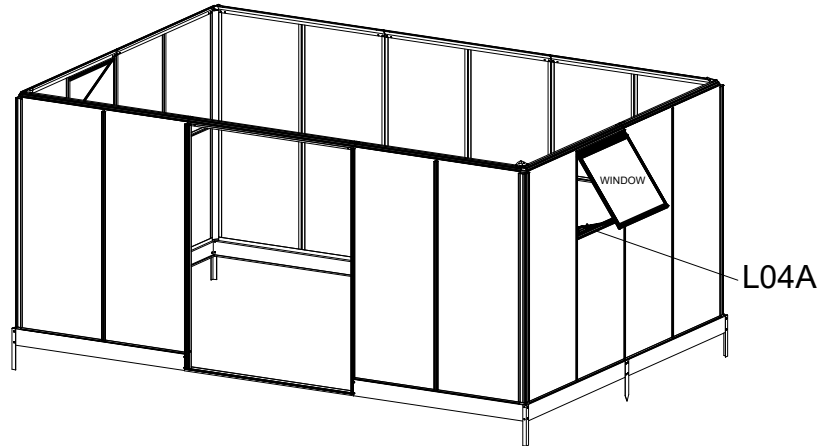


! Attention: Remove the protective films from both sides of each polycarbonate panel, before inserting into aluminum channels. Ensure the milky white film faces towards the Sun.

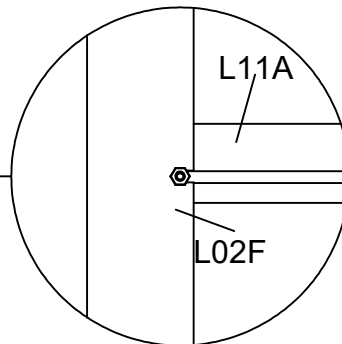
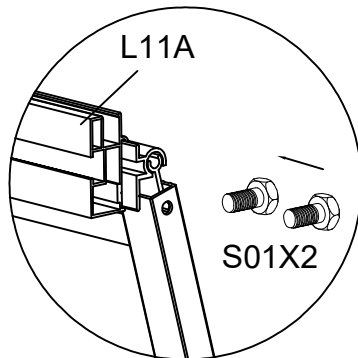


Wall Assembly

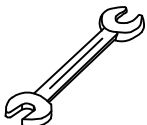
PART	NO	QTY
	L04A	2
	A03	2
	WINDOW	2
	S01	12
	M6X12	
	M01	12
	M6	



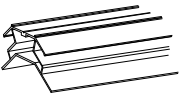



Slide 4 bolts (S01) into each L04A bolt channel. 2 to be fixed with A03, and another 2 to be fixed with L02F

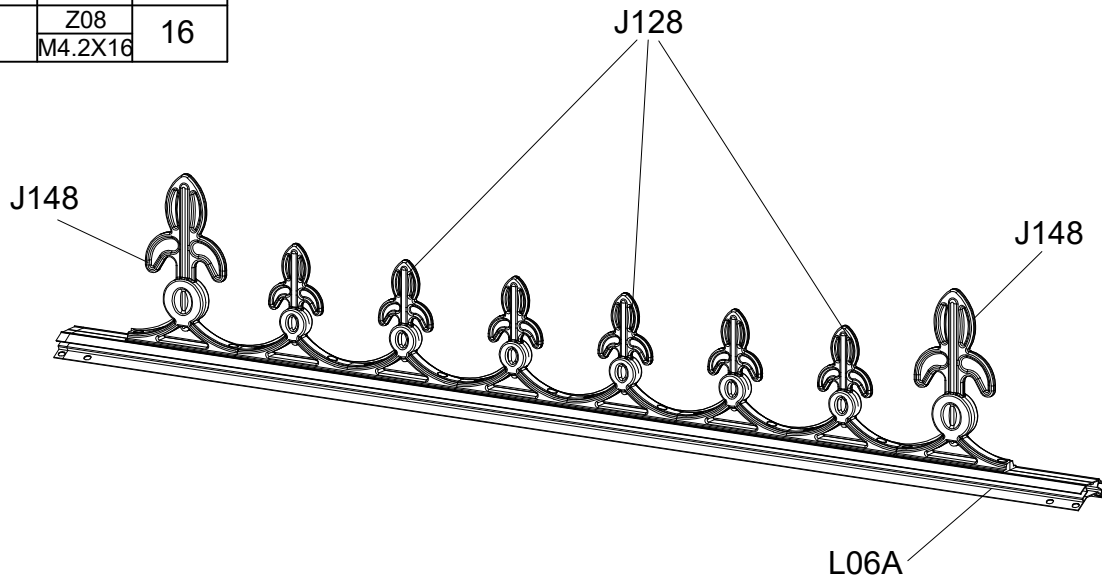


Slide 2 bolts (S01) into each L11A, and bolt it to L02B/L03B, using the S01 & M01.

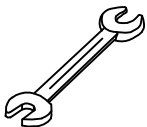
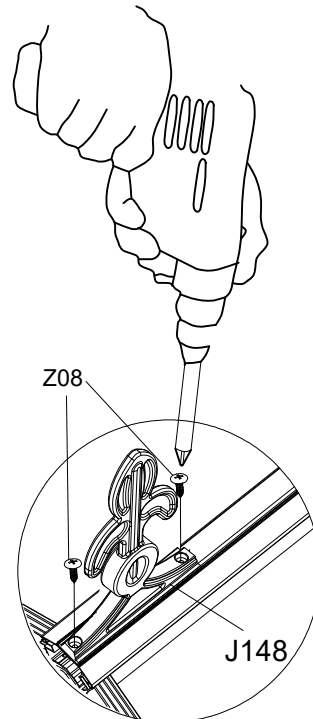
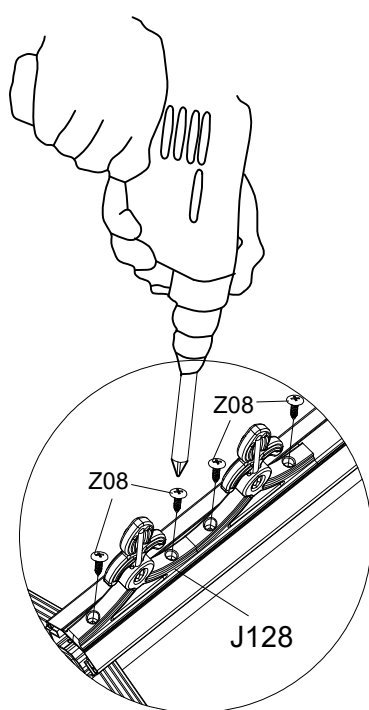


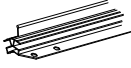



Top Assembly

PART	NO	QTY
	L06A	1
	J128	3
	J148	2
	Z08 M4.2X16	16

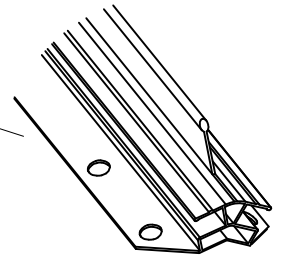
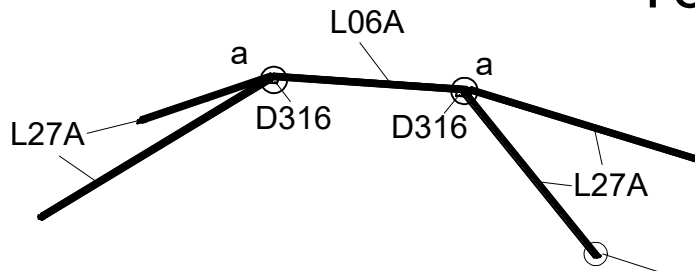


J148 is approximately 80mm from the ends of L06A

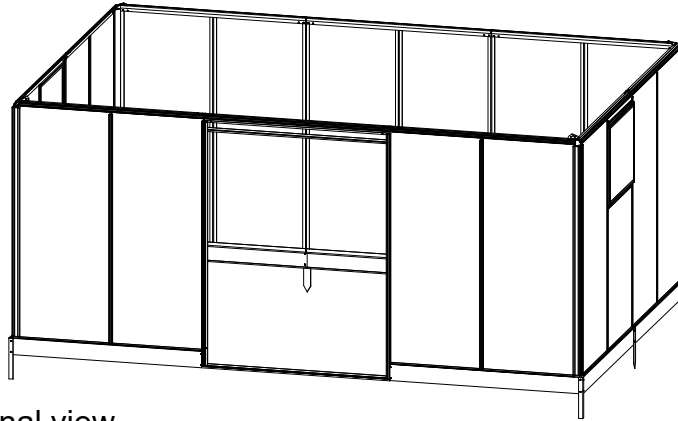


PART	NO	QTY
	L27A	4
	D316	2
	S01 M6X12	32
	M01 M6	32

Top Assembly

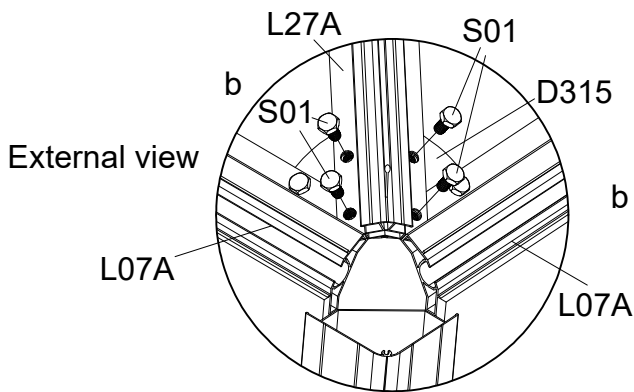
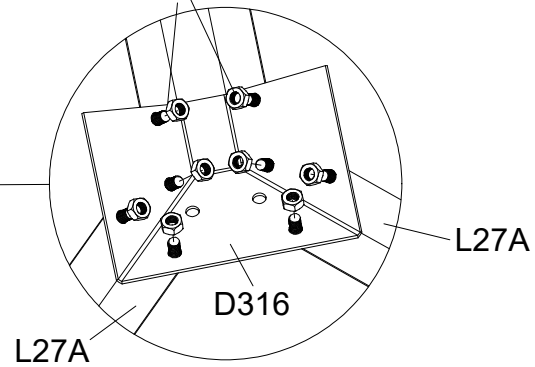
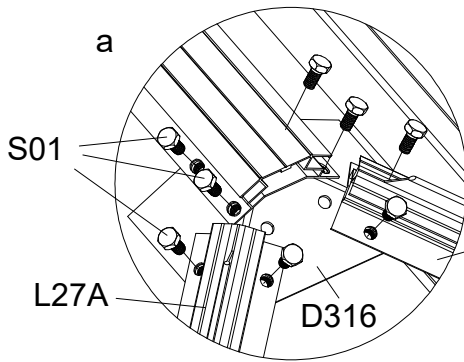


Attention! The side of L27A with four holes are facing downwards.



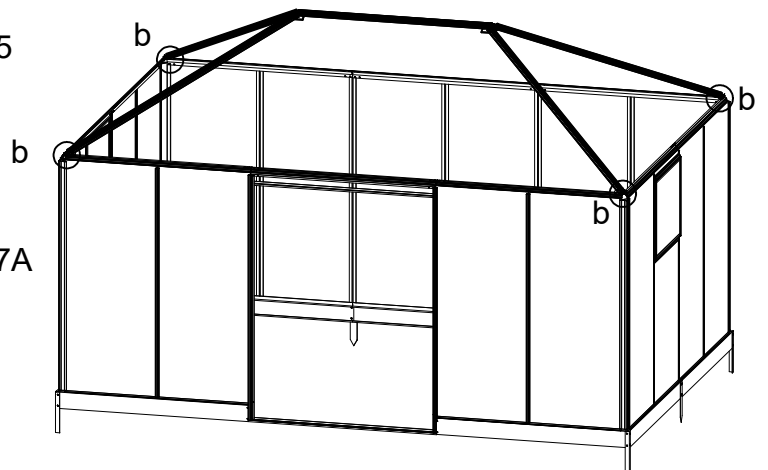
External view

M01 Internal view

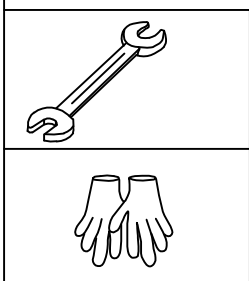


External view





Internal view

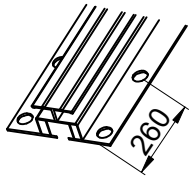
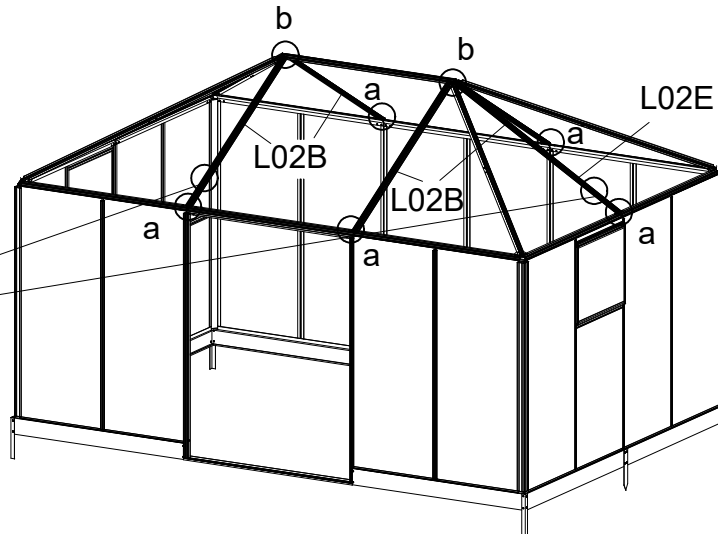


Attention! Do not tighten the screws on D315 and D316 until the entire product installed.

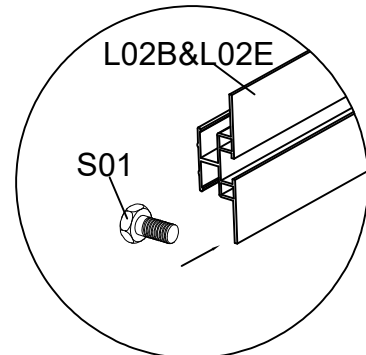
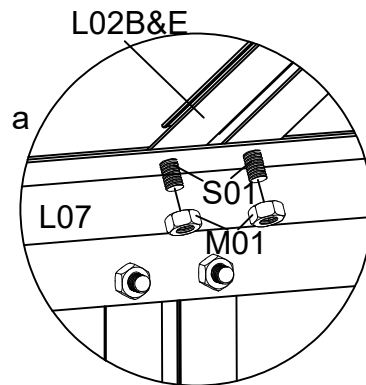


Top Assembly

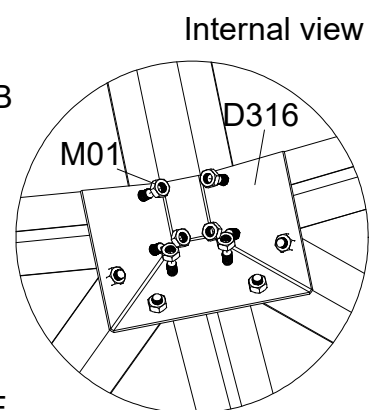
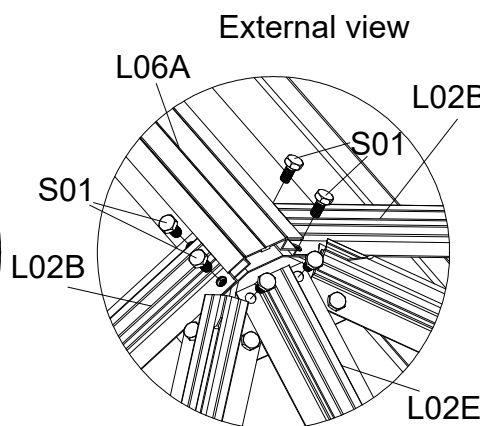
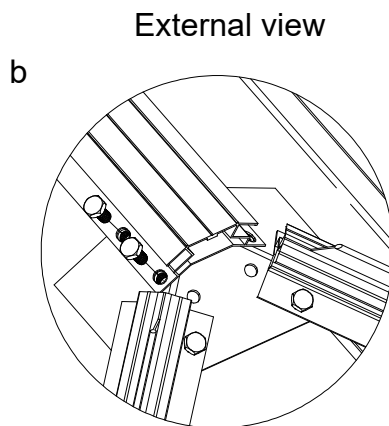
PART	NO	QTY
	L02B	4
	L02E	2
	S01 M6X12	30
	M01 M6	24



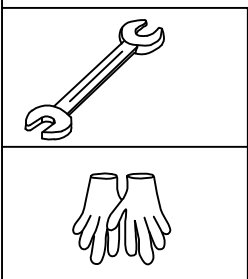
Attention! The side with a distance of 260MM from one end of each L02B & L02E, where 2 holes are drilled, should face down.






Slide S01 into each L02B and L02E bolt channel to be used later.



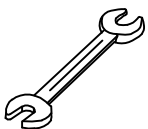
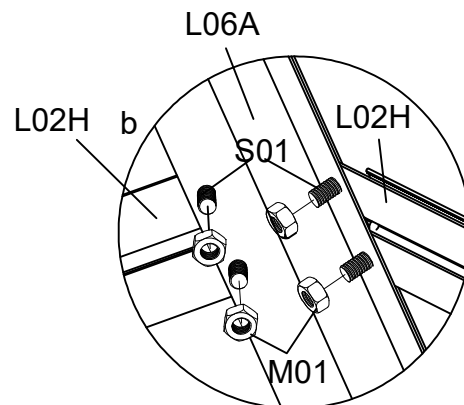
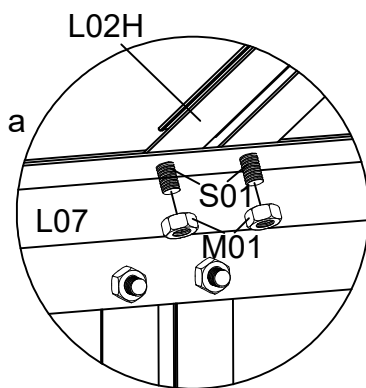
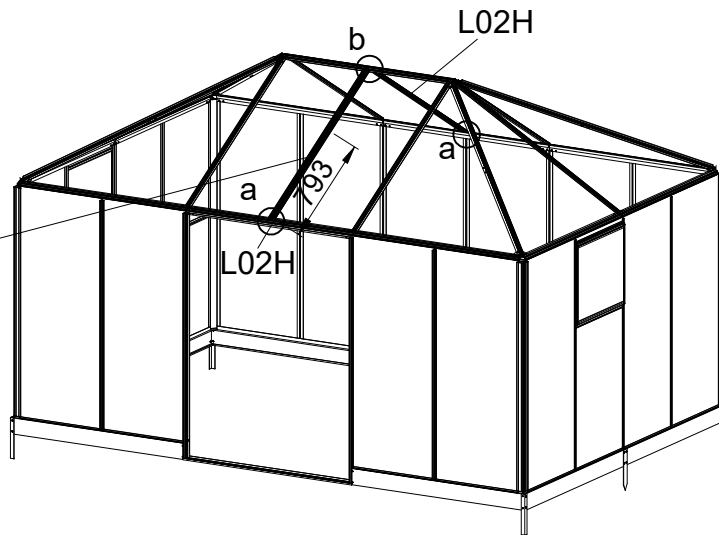
.Before installing L02B, it is necessary to remove the S01 installed on L06A, and remove one side of S01 to install one L02B.








Top Assembly

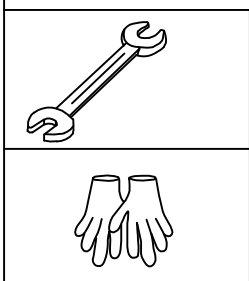
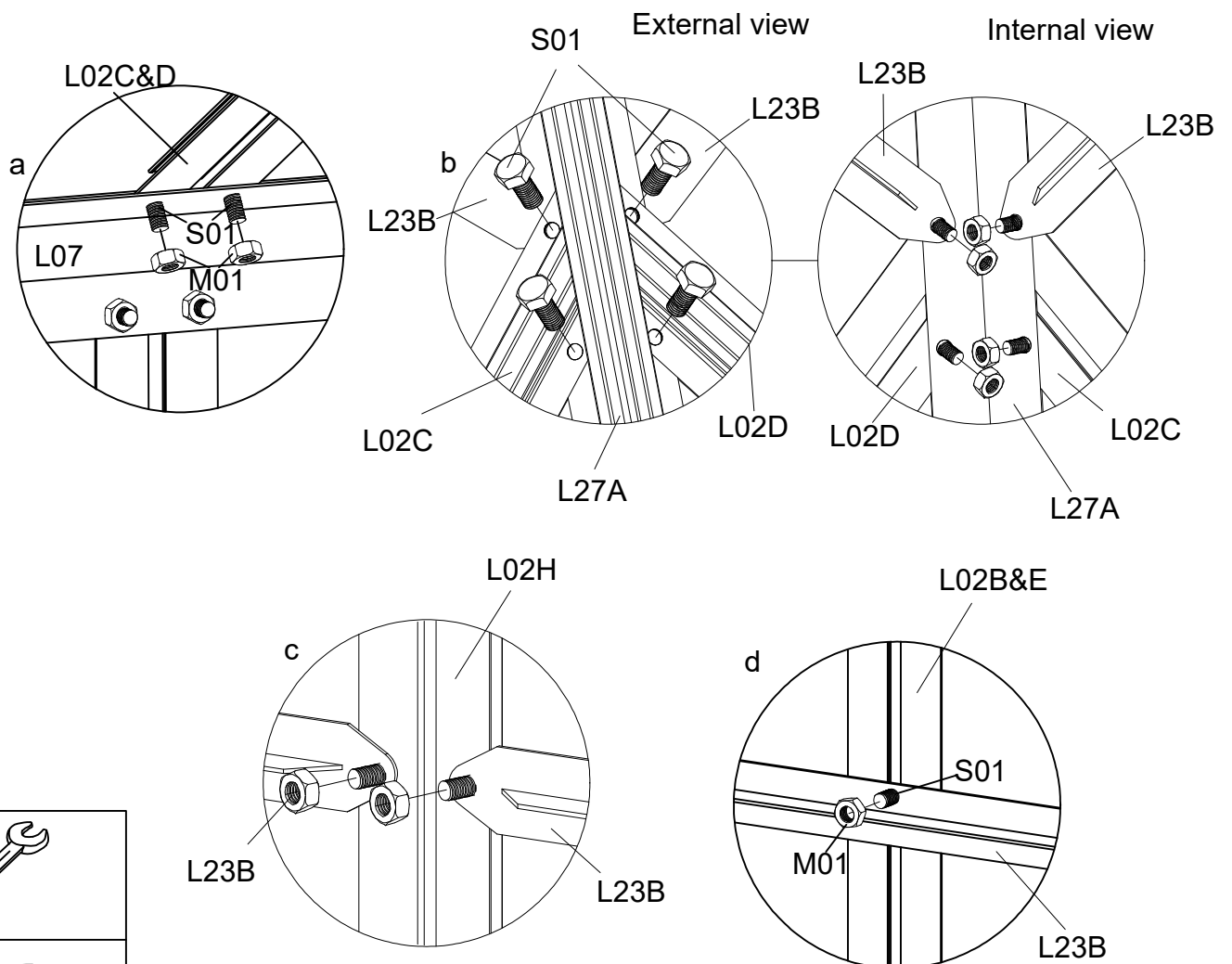
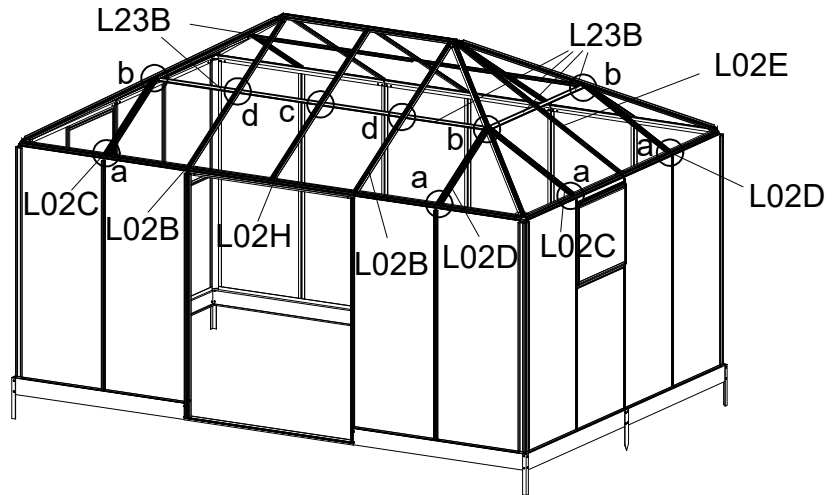
PART	NO	QTY
	L02H	2
	S01 M6X12	8
	M01 M6	8

Attention! When installing, the middle hole of L02H is closer to the top.

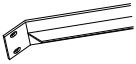
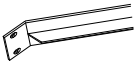








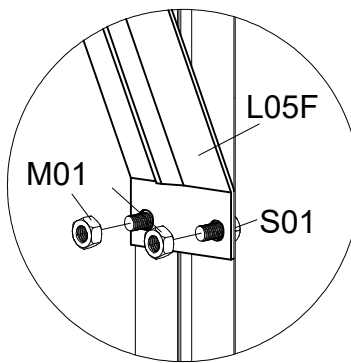
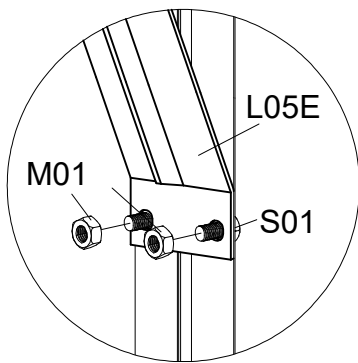
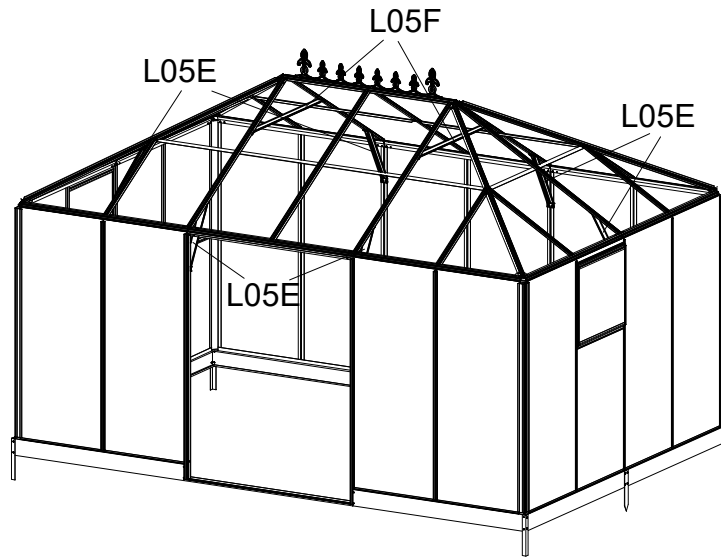
Top Assembly

PART	NO	QTY
	L02C	4
814mm		
	L02D	4
814mm		
	L23B	6
1342mm		
	S01 M6X12	42
	M01 M6	42

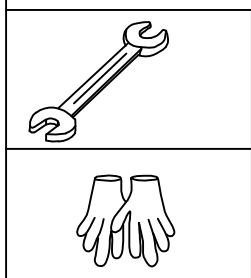
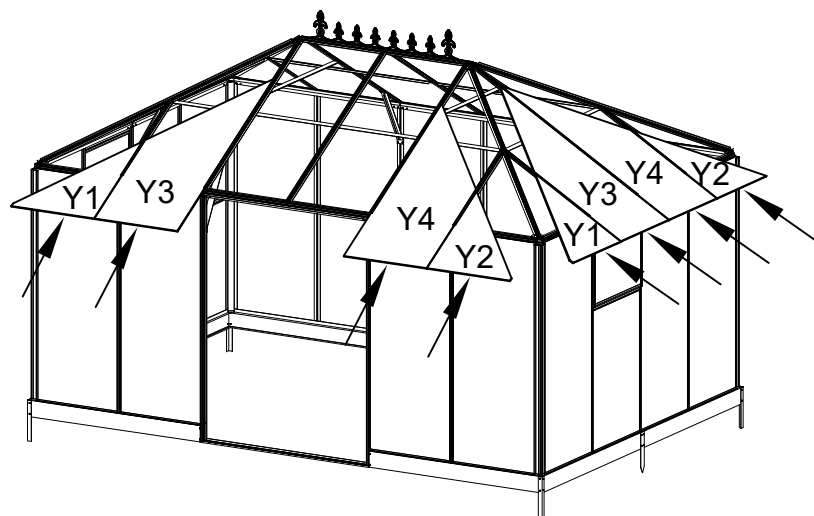


Top Assembly




PART	NO	QTY
	L05E	6
504mm		
	L05F	2
1043mm		
	Y1	4
	Y2	4
	Y3	4
	Y4	4
	S01 M6X12	22
	M01 M6	22



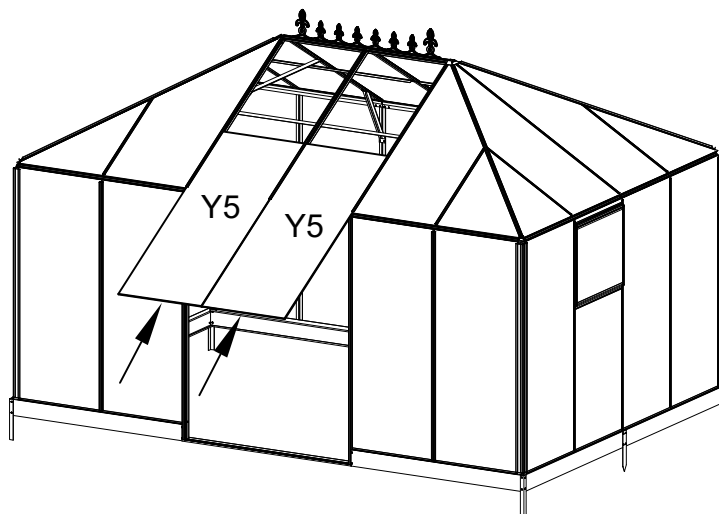
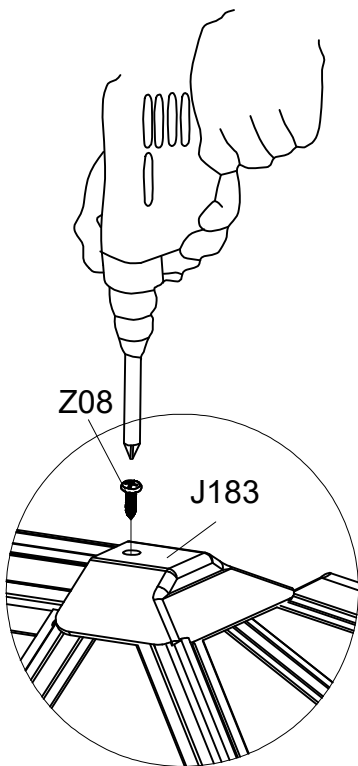
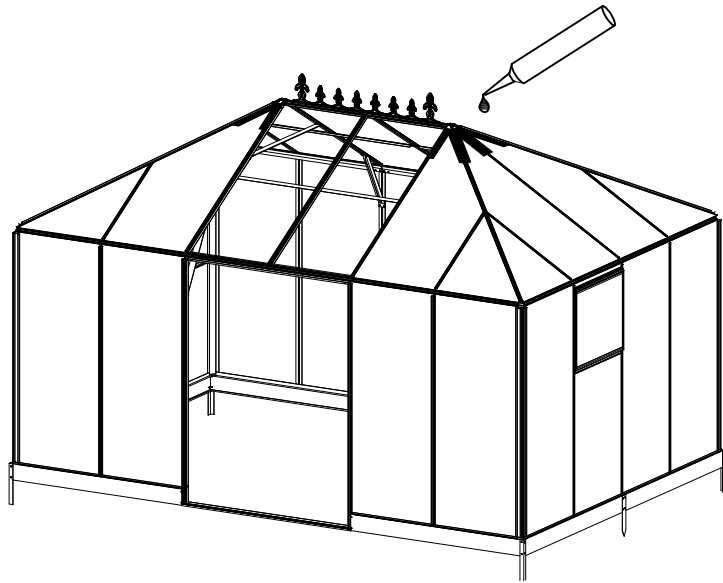
Attention! When installing L05E and L05F, it is necessary to lift the top up so that the L07 segments are flush and do not protrude outward, and then tighten them with S01 and M01.



! 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.

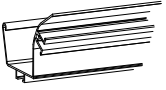
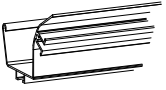
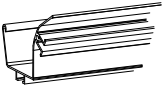



PART	NO	QTY
	Y5	4
	J183	2
	Z08 M4.2X16	2

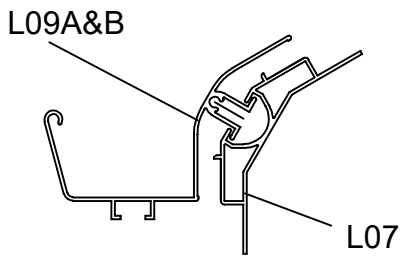
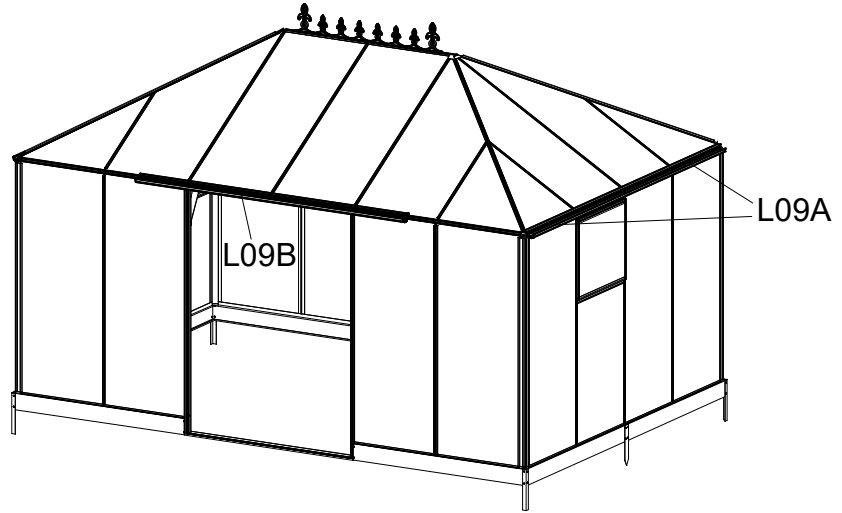
Top Assembly



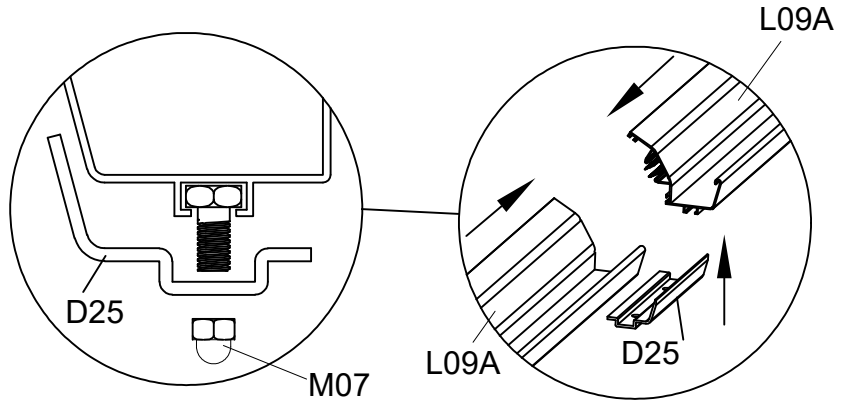
! Attention: Remove the protective films from both sides of each polycarbonate panel, before inserting into aluminum channels. Ensure the milky white film faces towards the Sun.

Top Assembly

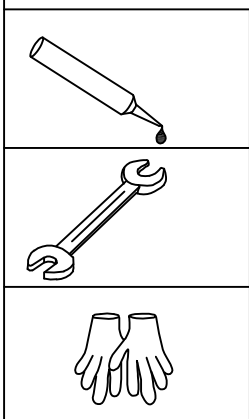
PART	NO	QTY
	L09A	4
	L09B	2
	L09C	4
	D25	6
	S01 M6X12	12
	M07 M6	12



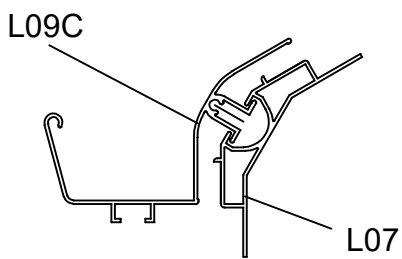
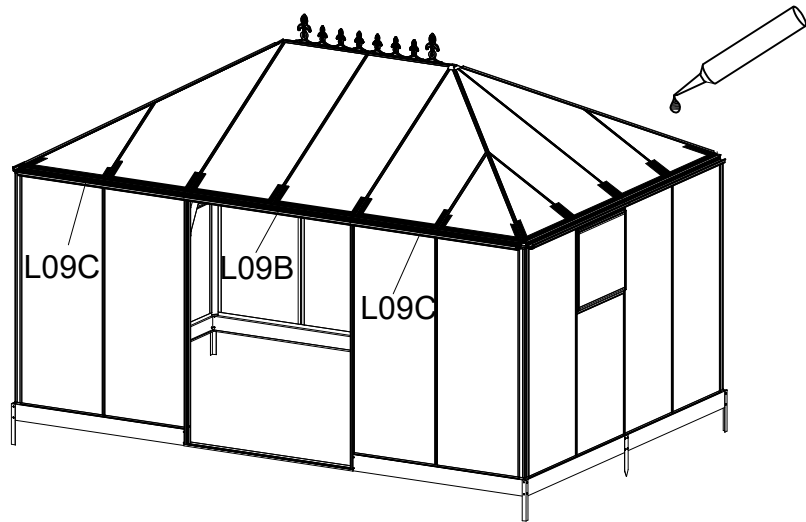
When the panels are completely inserted, fix gutter profile L09A&B. Tap it gently into position with a rubber mallet.



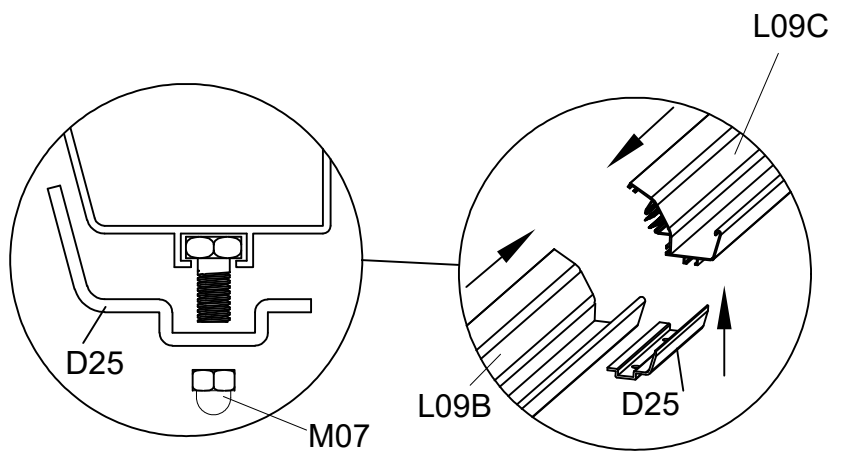
Slide 1*S01 into the bolt channel of both L09A, fix D25 to L09A using S01 & M07.



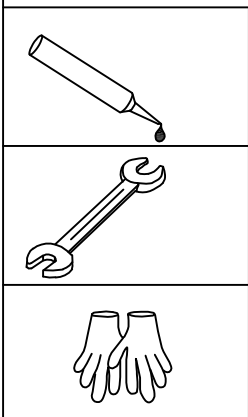
Top Assembly








When the panels are completely inserted, fix gutter profile L09C. Tap it gently into position with a rubber mallet.

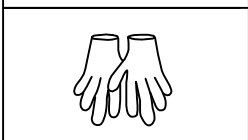
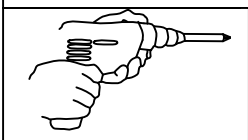
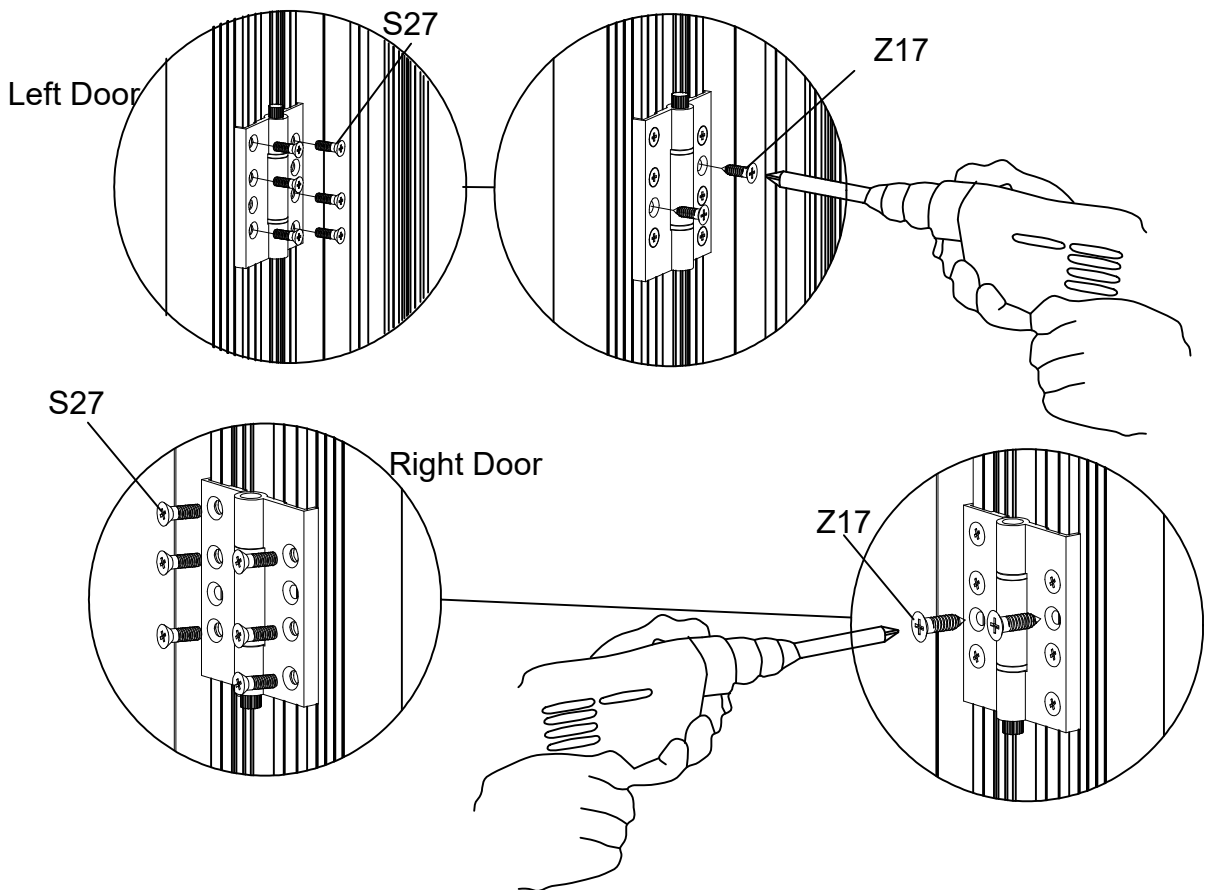
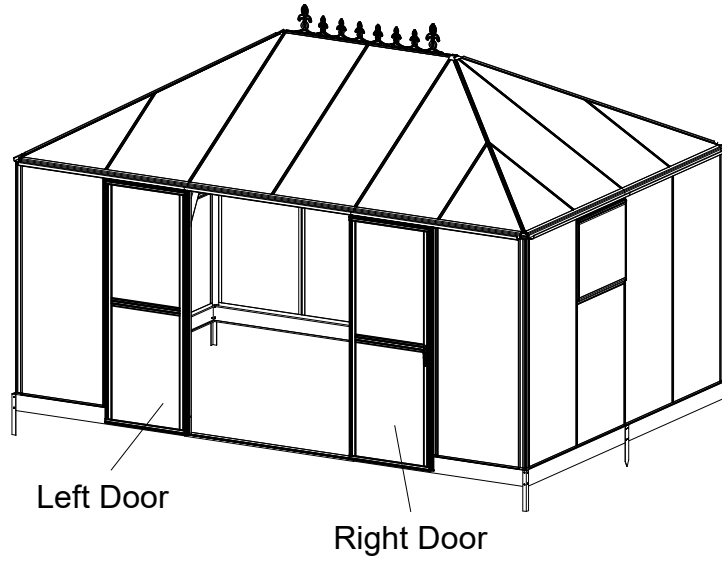


Slide 1*S01 into the bolt channel of both L09B&C, fix D25 to L09B&C using S01 & M07.









Door Assembly

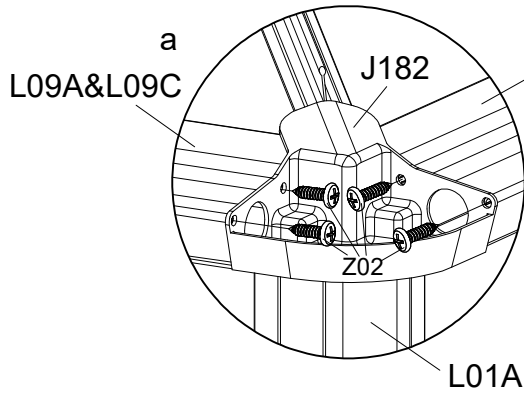
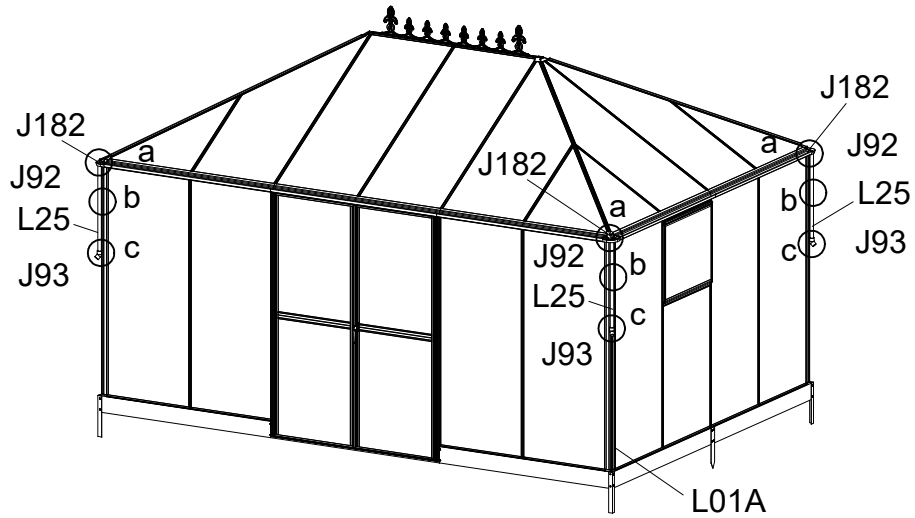
PART	NO	QTY
	D00R-L	1
	D00R-R	1
	A51	4
	Z17 M4.8X16	8
	S27 M5X12	24



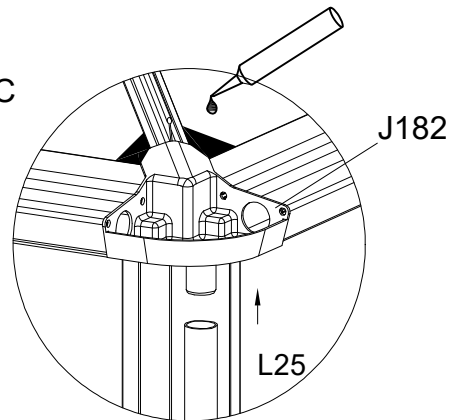
Fix A51(4 PCS) one side on the door profile and the other side to L26A/L26B using S27. Then secure with Z17.

PART	NO	QTY
	L25	4
	J92	4
	J93	4
	J182	4
	Z08 M4.2X16	4
	Z02 Ø4X16D	16

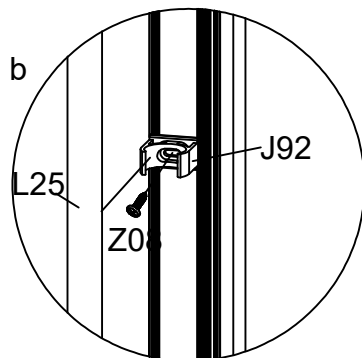
Accessories Assembly



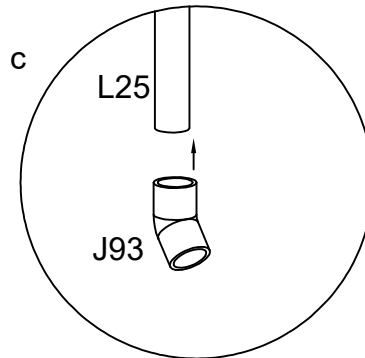
Put J182 on L01A and fix it on L09A&L09C with Z02.



After fixing J182, use glass glue to fill the gap between the board and J182.



Drill a hole in L01A approximately 3mm diameter and 400mm down from the gutter. 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).

